

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
 Data File : BF138518.D
 Acq On : 11 Jul 2024 12:27
 Operator : CG\JU
 Sample : PB161993BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161993BS

Quant Time: Jul 11 13:50:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	128100	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	527348	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	292519	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	509310	20.000	ng	0.00
76) Chrysene-d12	14.027	240	246232	20.000	ng	0.00
86) Perylene-d12	15.492	264	233225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1021382	126.278	ng	0.02
7) Phenol-d6	6.516	99	1344037	124.911	ng	0.01
23) Nitrobenzene-d5	7.439	82	894740	83.303	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	353941	129.465	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1529380	81.714	ng	0.00
79) Terphenyl-d14	12.974	244	1560689	103.258	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.751	88	120238	33.565	ng	99
3) Pyridine	3.498	79	299847	33.942	ng	98
4) n-Nitrosodimethylamine	3.463	42	257446	44.767	ng	96
6) Aniline	6.534	93	276931	27.478	ng	92
8) 2-Chlorophenol	6.657	128	410373	47.982	ng	98
9) Benzaldehyde	6.416	77	103109	17.903	ng	97
10) Phenol	6.528	94	512319	44.857	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	412644	47.988	ng	99
12) 1,3-Dichlorobenzene	6.810	146	407713	42.410	ng	98
13) 1,4-Dichlorobenzene	6.886	146	413992	42.407	ng	99
14) 1,2-Dichlorobenzene	7.033	146	397205	43.685	ng	95
15) Benzyl Alcohol	7.016	79	379704	47.022	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	736299	43.542	ng	95
17) 2-Methylphenol	7.128	107	320958	45.790	ng	94
18) Hexachloroethane	7.375	117	156523	43.613	ng	96
19) n-Nitroso-di-n-propyla...	7.286	70	298317	44.869	ng	97
20) 3+4-Methylphenols	7.281	107	390642	44.257	ng	# 83
22) Acetophenone	7.281	105	554209	43.271	ng	# 94
24) Nitrobenzene	7.457	77	462518	42.375	ng	95
25) Isophorone	7.692	82	825697	44.765	ng	98
26) 2-Nitrophenol	7.769	139	220033	47.034	ng	99
27) 2,4-Dimethylphenol	7.804	122	281794	49.010	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	486747	44.155	ng	99
29) 2,4-Dichlorophenol	8.010	162	334751	44.833	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	370201	42.561	ng	99
31) Naphthalene	8.175	128	1168648	42.610	ng	99
32) Benzoic acid	7.957	122	258701	47.174	ng	93
33) 4-Chloroaniline	8.222	127	231003	24.005	ng	97
34) Hexachlorobutadiene	8.286	225	221184	41.295	ng	99
35) Caprolactam	8.610	113	60228	24.997	ng	92
36) 4-Chloro-3-methylphenol	8.710	107	374448	44.796	ng	98
37) 2-Methylnaphthalene	8.863	142	751449	42.576	ng	100
38) 1-Methylnaphthalene	8.963	142	696252	40.421	ng	97
40) 1,2,4,5-Tetrachloroben...	9.027	216	349865	42.914	ng	99
41) Hexachlorocyclopentadiene	9.016	237	324396	122.589	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	234415	45.076	ng	99

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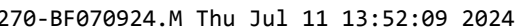
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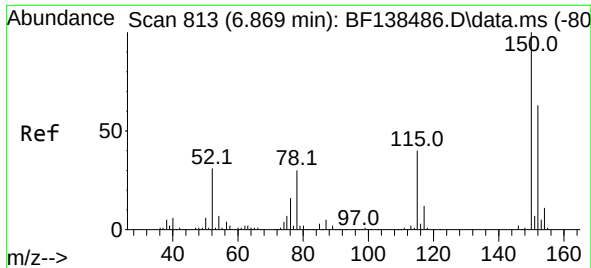
Quant Time: Jul 11 13:50:06 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	247006	43.184	ng	96
46) 1,1'-Biphenyl	9.327	154	935097	42.182	ng	98
47) 2-Chloronaphthalene	9.357	162	714008	42.634	ng	98
48) 2-Nitroaniline	9.451	65	266622	45.942	ng	94
49) Acenaphthylene	9.769	152	1103711	46.419	ng	100
50) Dimethylphthalate	9.633	163	858844	45.406	ng	100
51) 2,6-Dinitrotoluene	9.698	165	190445	43.729	ng	98
52) Acenaphthene	9.939	154	672647	42.558	ng	99
53) 3-Nitroaniline	9.863	138	132762	29.743	ng	95
54) 2,4-Dinitrophenol	9.974	184	222801	94.429	ng	95
55) Dibenzofuran	10.116	168	985466	42.987	ng	98
56) 4-Nitrophenol	10.039	139	298837	90.734	ng	98
57) 2,4-Dinitrotoluene	10.104	165	258720	45.914	ng	94
58) Fluorene	10.457	166	769582	42.426	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	209118	46.325	ng	99
60) Diethylphthalate	10.333	149	820738	45.010	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	379817	41.699	ng	95
62) 4-Nitroaniline	10.486	138	189458	42.357	ng	98
63) Azobenzene	10.604	77	862754	44.007	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	152583	51.885	ng	87
66) n-Nitrosodiphenylamine	10.569	169	676281	44.319	ng	96
67) 4-Bromophenyl-phenylether	10.933	248	233911	44.684	ng	97
68) Hexachlorobenzene	10.998	284	258044	44.372	ng	98
69) Atrazine	11.092	200	204989	40.519	ng	98
70) Pentachlorophenol	11.198	266	305670	88.828	ng	97
71) Phenanthrene	11.416	178	1147458	44.595	ng	99
72) Anthracene	11.468	178	1158721	45.365	ng	99
73) Carbazole	11.621	167	1002307	43.666	ng	100
74) Di-n-butylphthalate	11.951	149	1221805	46.179	ng	99
75) Fluoranthene	12.604	202	1146220	43.656	ng	98
77) Benzidine	12.721	184	52230	8.407	ng	98
78) Pyrene	12.833	202	1145873	45.842	ng	99
80) Butylbenzylphthalate	13.445	149	388062	51.609	ng	100
81) Benzo(a)anthracene	14.015	228	749891	45.387	ng	98
82) 3,3'-Dichlorobenzidine	13.974	252	166409	39.087	ng	# 99
83) Chrysene	14.051	228	709931	45.421	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	419349	52.292	ng	99
85) Di-n-octyl phthalate	14.609	149	654794	51.686	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	794589	50.721	ng	100
88) Benzo(b)fluoranthene	15.062	252	601586	45.802	ng	99
89) Benzo(k)fluoranthene	15.092	252	625074	48.796	ng	99
90) Benzo(a)pyrene	15.433	252	583030	50.531	ng	98
91) Dibenzo(a,h)anthracene	16.986	278	651907	50.872	ng	99
92) Benzo(g,h,i)perylene	17.421	276	633563	46.624	ng	98

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

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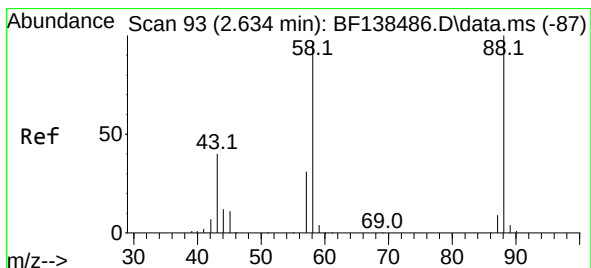
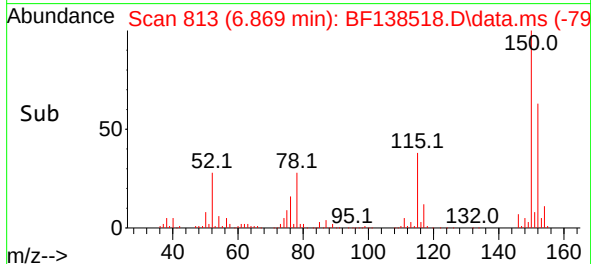
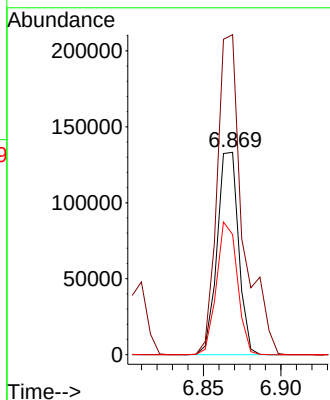
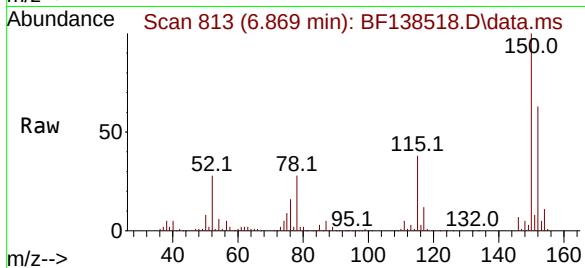




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF138518.D
 Acq: 11 Jul 2024 12:27

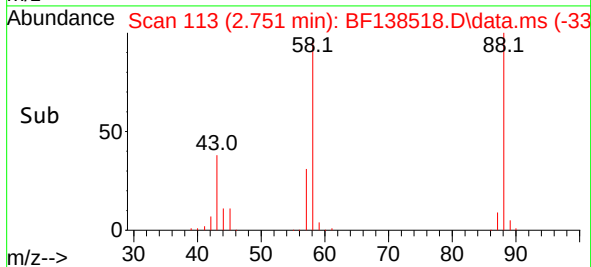
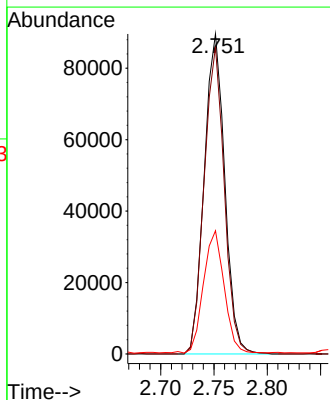
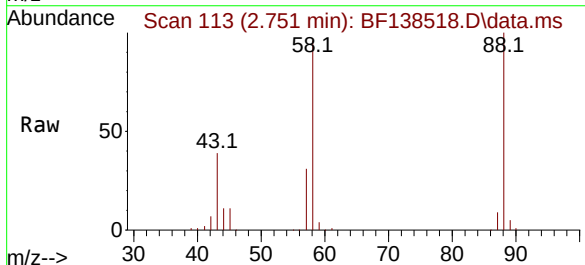
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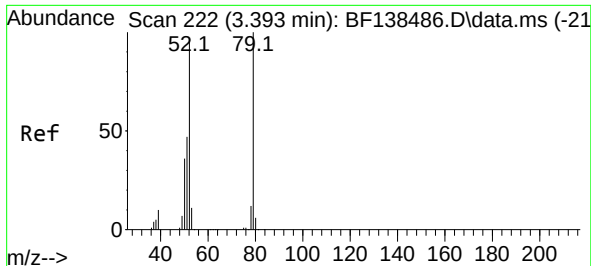
Tgt Ion:152 Resp: 128100
 Ion Ratio Lower Upper
 152 100
 150 158.1 126.2 189.4
 115 59.4 50.3 75.5



#2
 1,4-Dioxane
 Concen: 33.565 ng
 RT: 2.751 min Scan# 113
 Delta R.T. 0.118 min
 Lab File: BF138518.D
 Acq: 11 Jul 2024 12:27

Tgt Ion: 88 Resp: 120238
 Ion Ratio Lower Upper
 88 100
 58 94.1 74.6 112.0
 43 38.3 31.8 47.6





#3

Pyridine

Concen: 33.942 ng

RT: 3.498 min Scan# 24

Delta R.T. 0.106 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

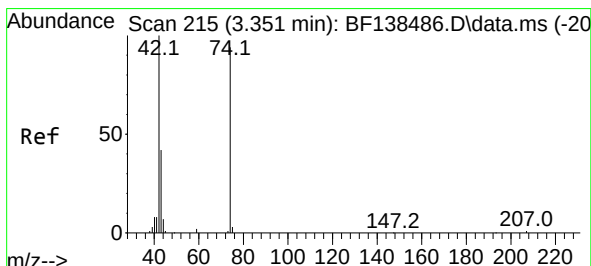
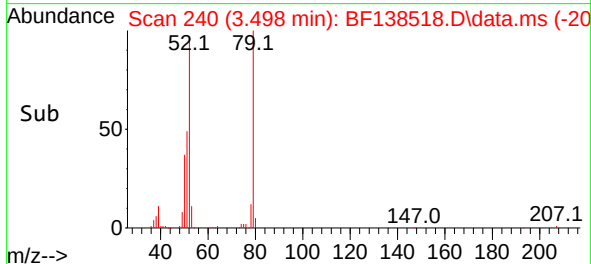
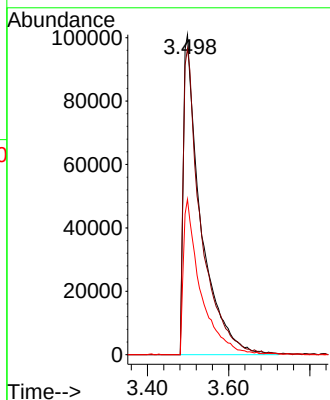
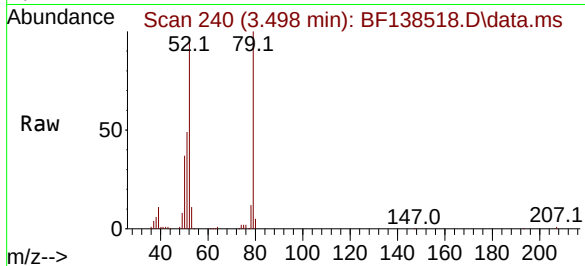
Tgt Ion: 79 Resp: 299847

Ion Ratio Lower Upper

79 100

52 95.7 77.4 116.2

51 48.6 37.4 56.0



#4

n-Nitrosodimethylamine

Concen: 44.767 ng

RT: 3.463 min Scan# 234

Delta R.T. 0.112 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

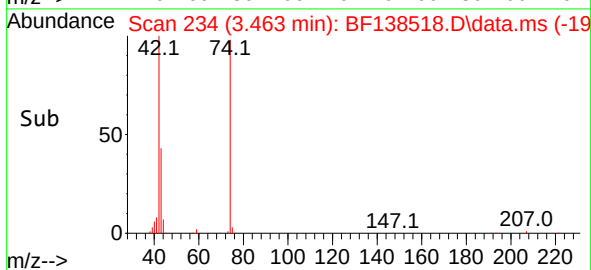
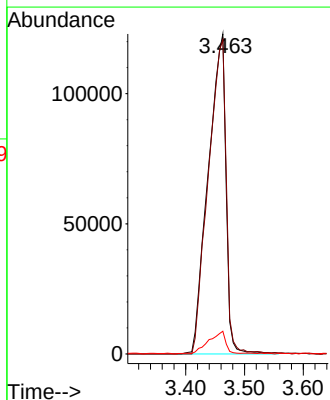
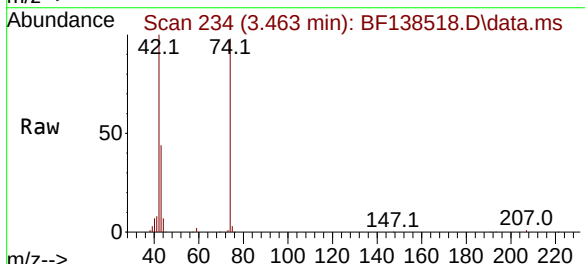
Tgt Ion: 42 Resp: 257446

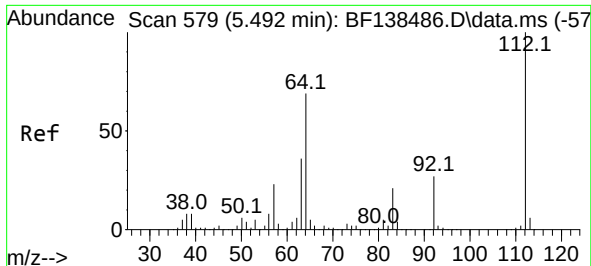
Ion Ratio Lower Upper

42 100

74 98.2 75.0 112.6

44 7.1 5.4 8.2

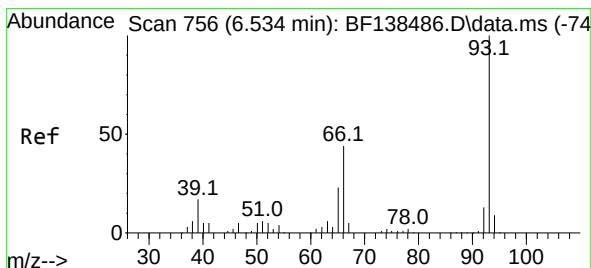
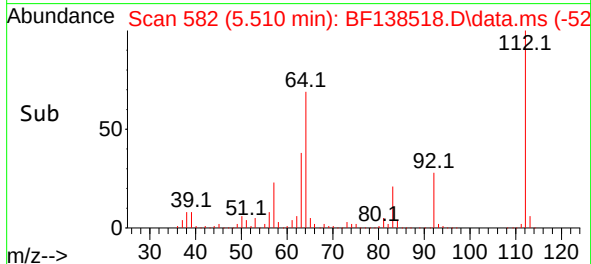
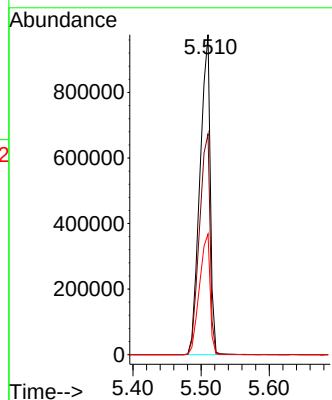
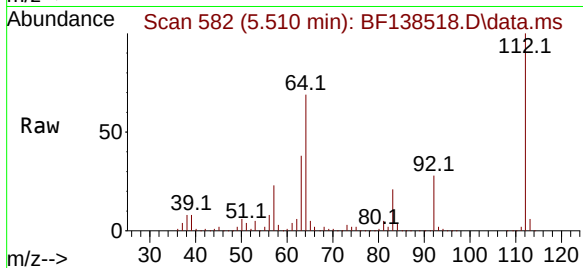




#5
2-Fluorophenol
Concen: 126.278 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

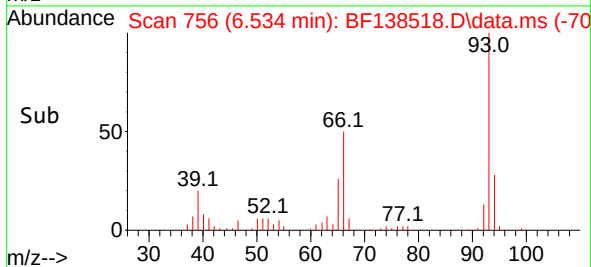
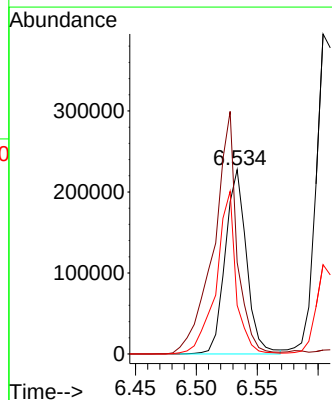
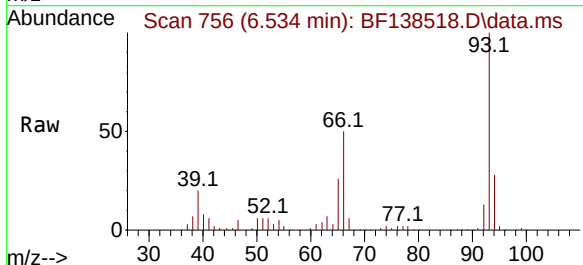
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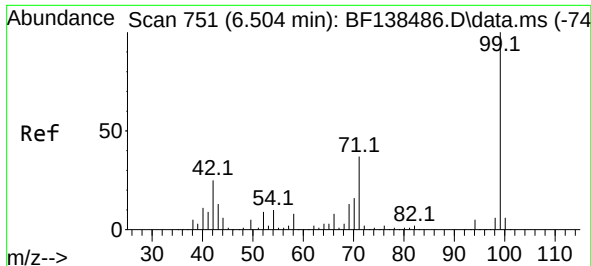
Tgt Ion:112 Resp: 1021382
Ion Ratio Lower Upper
112 100
64 69.0 55.1 82.7
63 37.7 29.0 43.6



#6
Aniline
Concen: 27.478 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion: 93 Resp: 276931
Ion Ratio Lower Upper
93 100
66 49.6 35.4 53.0
65 26.4 18.6 27.8

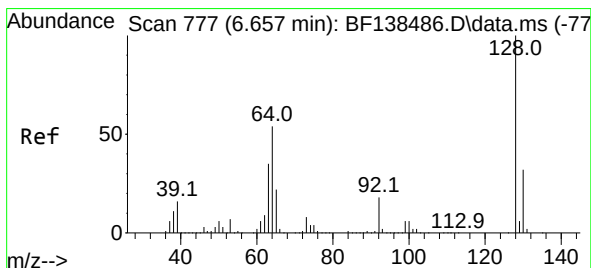
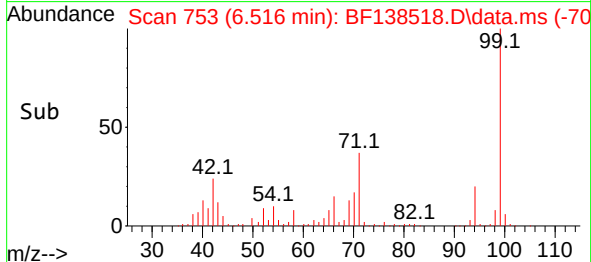
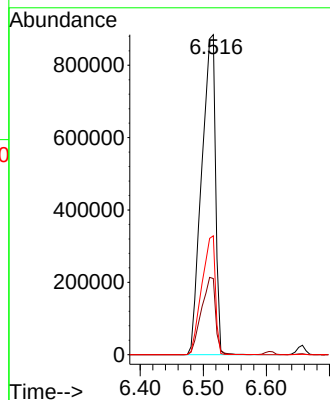
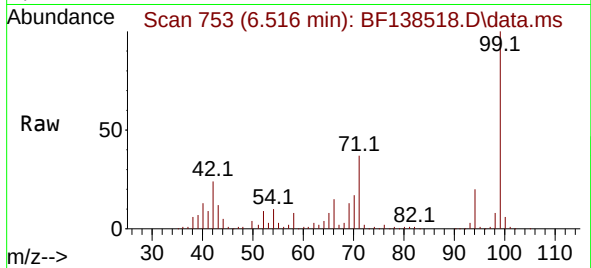




#7
Phenol-d6
Concen: 124.911 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

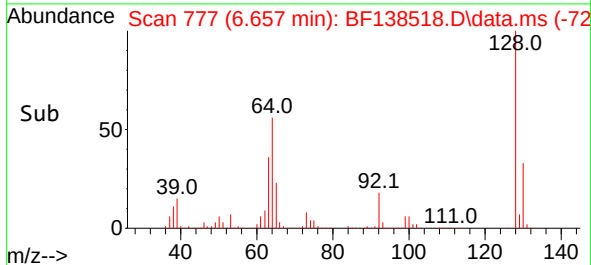
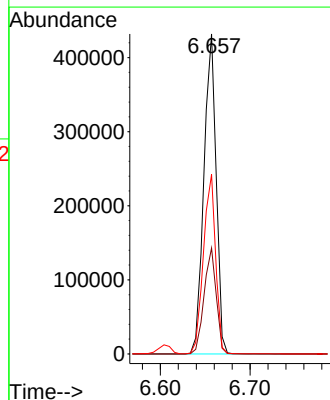
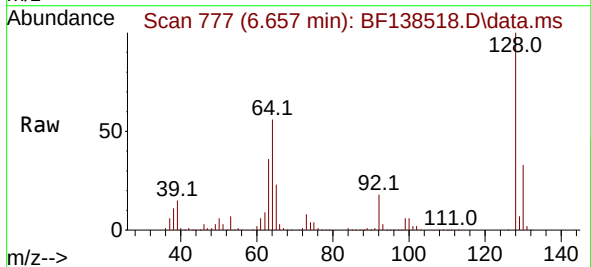
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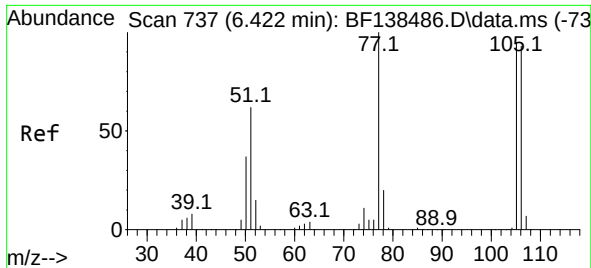
Tgt Ion: 99 Resp: 1344037
Ion Ratio Lower Upper
99 100
42 23.8 19.7 29.5
71 37.2 29.9 44.9



#8
2-Chlorophenol
Concen: 47.982 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:128 Resp: 410373
Ion Ratio Lower Upper
128 100
130 33.1 12.1 52.1
64 56.1 34.4 74.4





#9

Benzaldehyde

Concen: 17.903 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

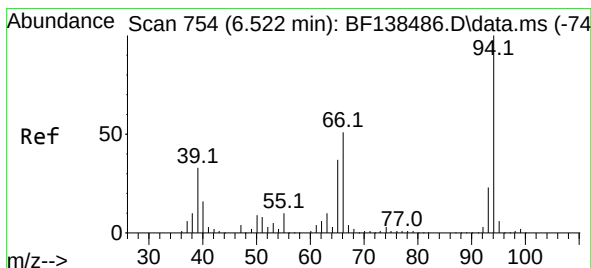
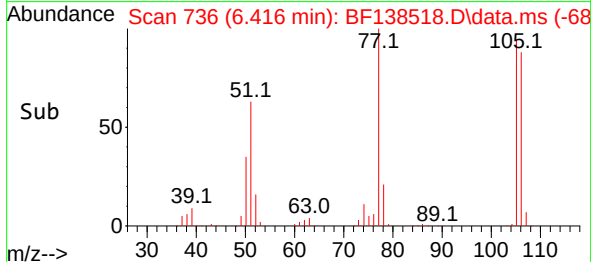
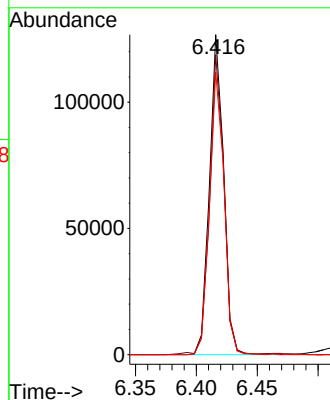
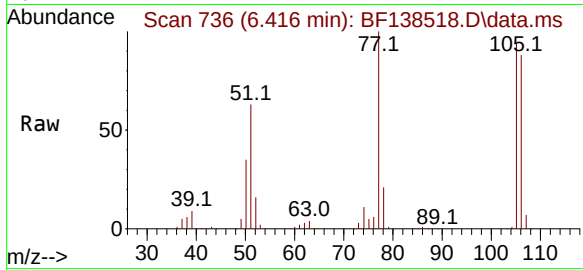
Tgt Ion: 77 Resp: 103109

Ion Ratio Lower Upper

77 100

105 93.7 75.1 115.1

106 88.3 73.2 113.2



#10

Phenol

Concen: 44.857 ng

RT: 6.528 min Scan# 755

Delta R.T. 0.006 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

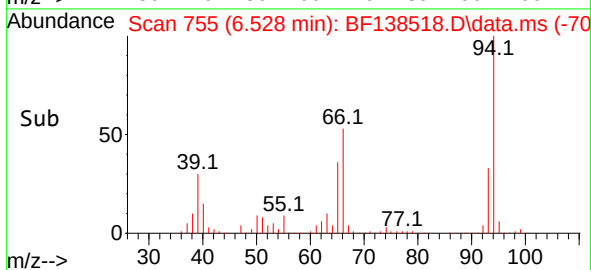
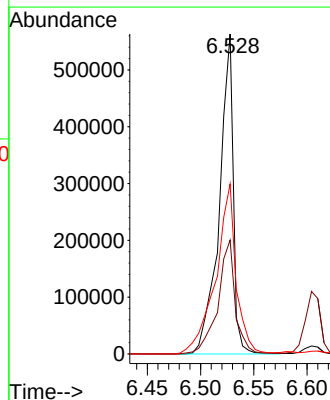
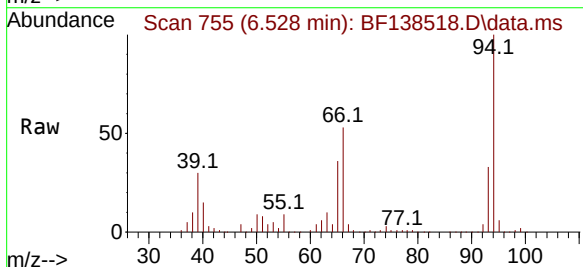
Tgt Ion: 94 Resp: 512319

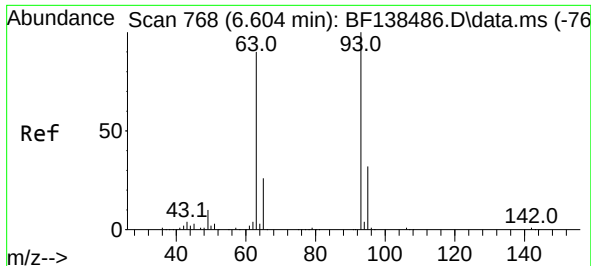
Ion Ratio Lower Upper

94 100

65 35.6 16.7 56.7

66 53.2 31.2 71.2

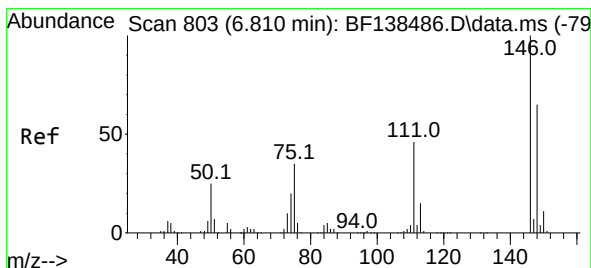
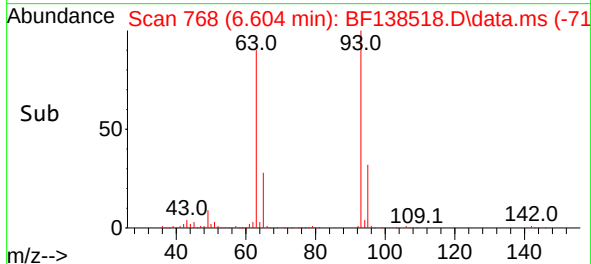
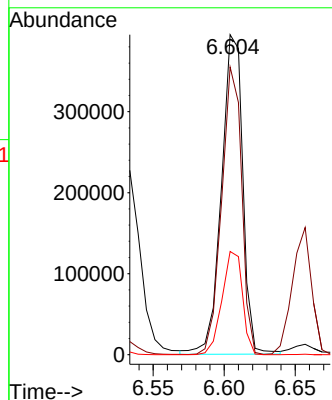
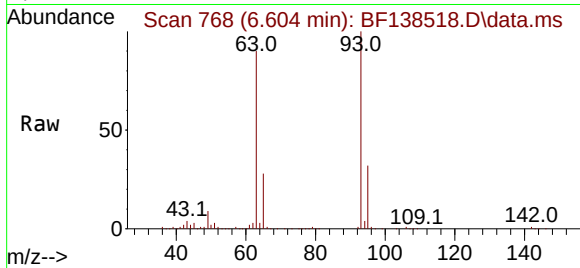




#11
bis(2-Chloroethyl)ether
Concen: 47.988 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

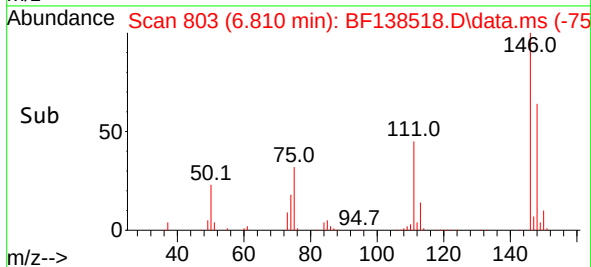
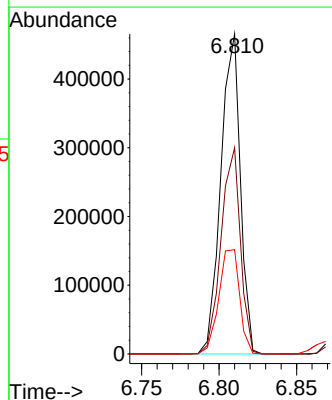
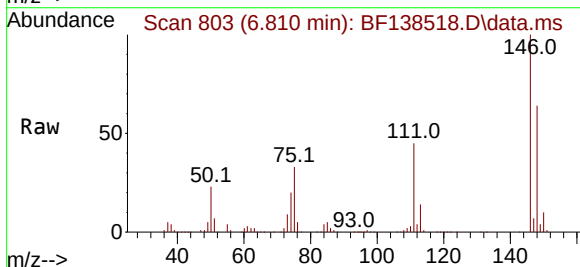
Instrument :
BNA_F
ClientSampleId :
PB161993BS

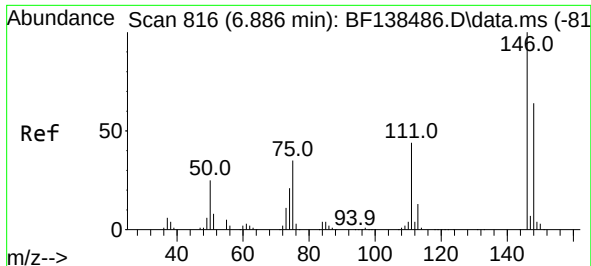
Tgt Ion: 93 Resp: 412644
Ion Ratio Lower Upper
93 100
63 89.9 68.8 108.8
95 32.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 42.410 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion: 146 Resp: 407713
Ion Ratio Lower Upper
146 100
148 64.5 52.4 78.6
75 32.6 27.8 41.8

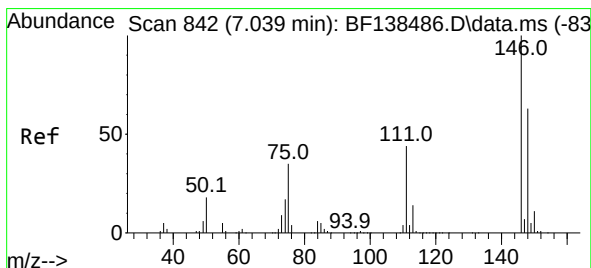
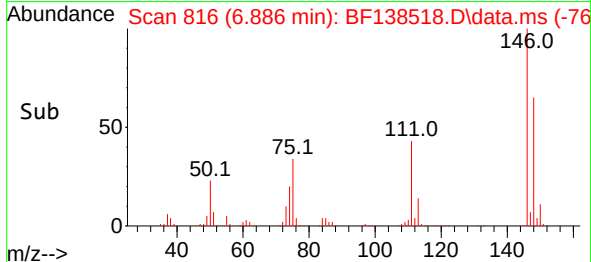
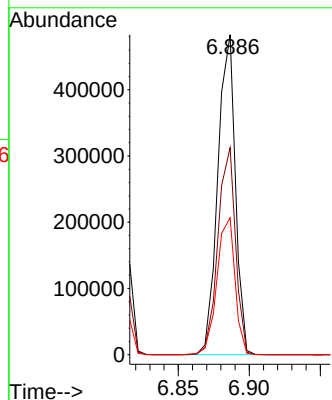
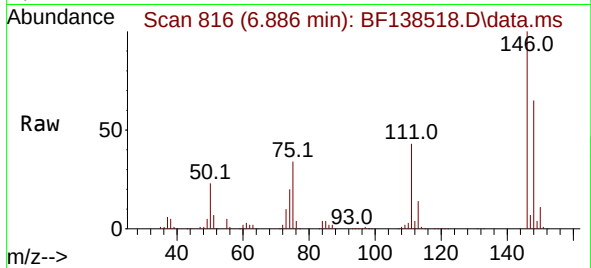




#13
1,4-Dichlorobenzene
Concen: 42.407 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

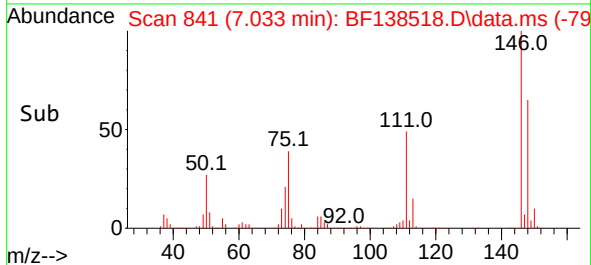
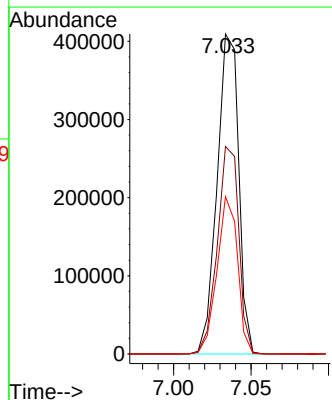
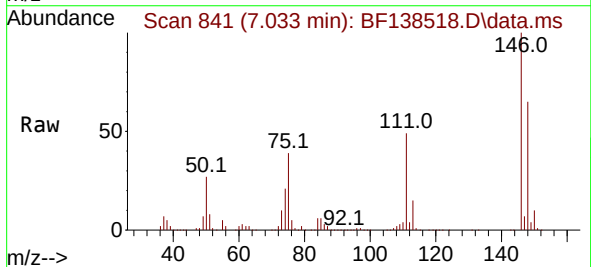
Instrument :
BNA_F
ClientSampleId :
PB161993BS

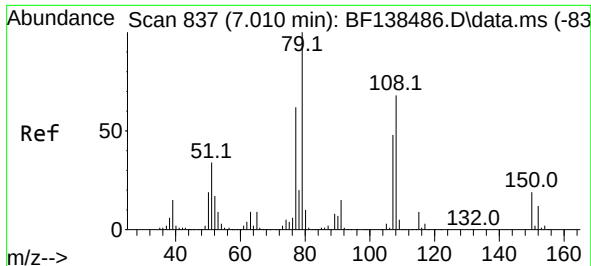
Tgt Ion:146 Resp: 413992
Ion Ratio Lower Upper
146 100
148 64.7 51.6 77.4
111 42.8 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 43.685 ng
RT: 7.033 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:146 Resp: 397205
Ion Ratio Lower Upper
146 100
148 64.9 50.1 75.1
111 49.2 35.5 53.3

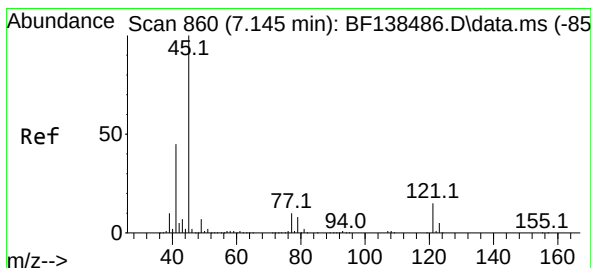
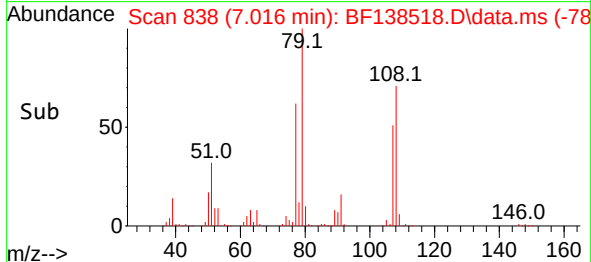
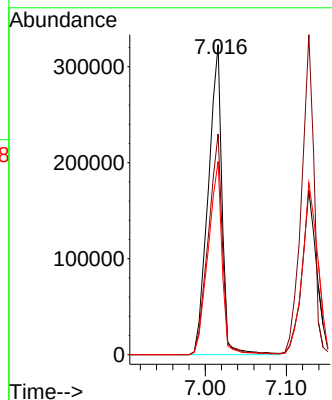
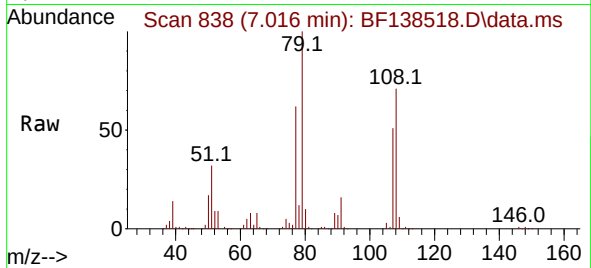




#15
Benzyl Alcohol
Concen: 47.022 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

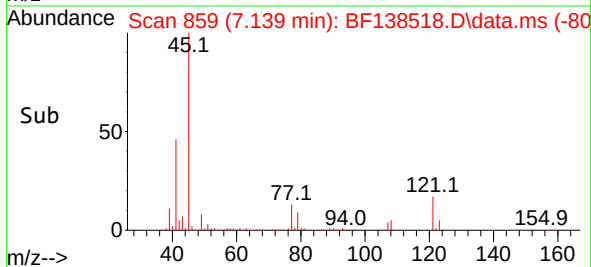
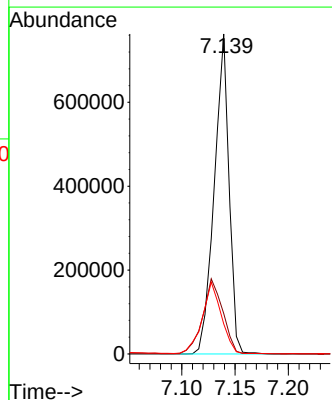
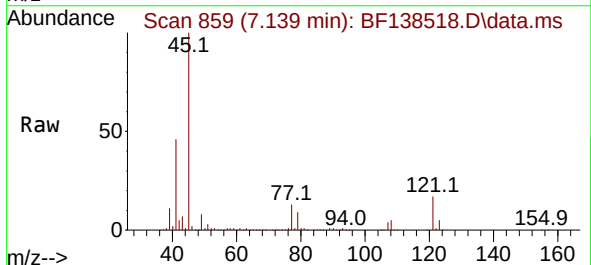
Instrument :
BNA_F
ClientSampleId :
PB161993BS

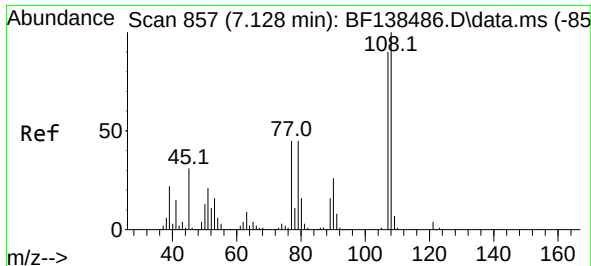
Tgt Ion: 79 Resp: 379704
Ion Ratio Lower Upper
79 100
108 71.2 54.3 81.5
77 62.4 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.542 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion: 45 Resp: 736299
Ion Ratio Lower Upper
45 100
77 12.6 0.0 30.4
79 9.4 0.0 28.1

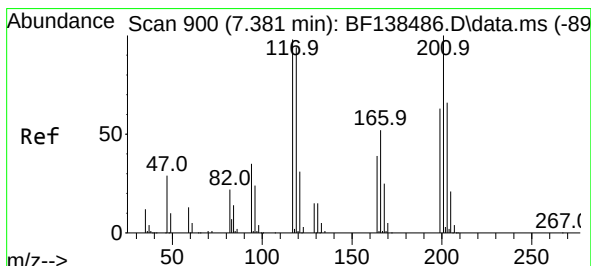
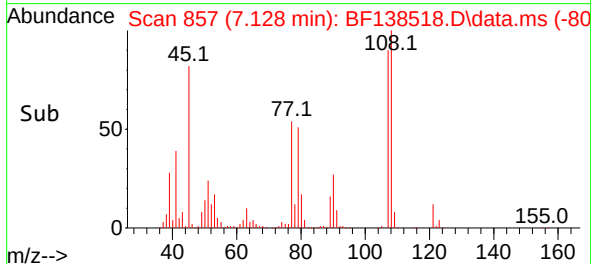
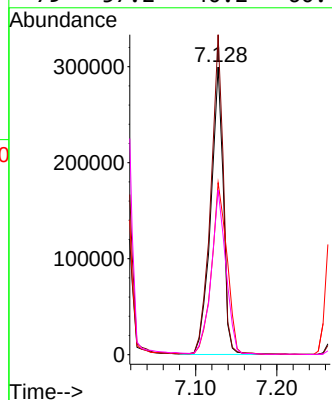
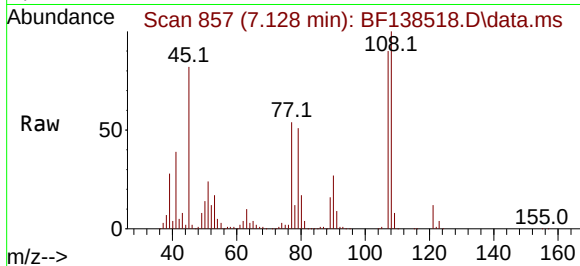




#17
2-Methylphenol
Concen: 45.790 ng
RT: 7.128 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

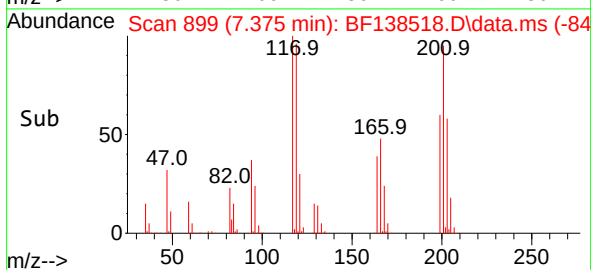
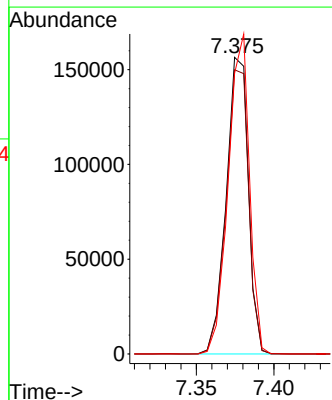
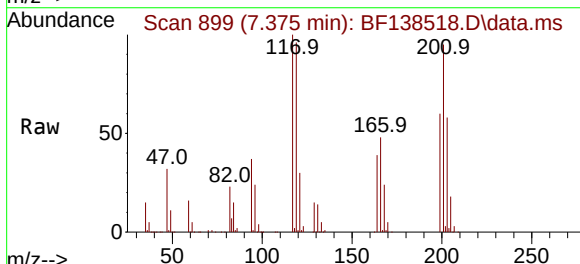
Instrument :
BNA_F
ClientSampleId :
PB161993BS

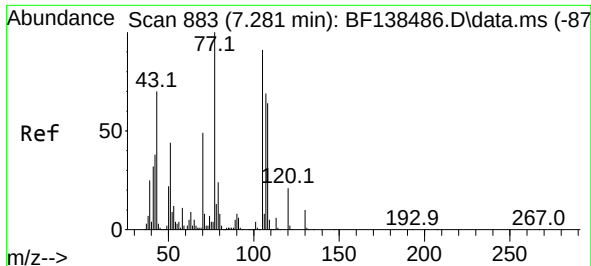
Tgt Ion:	107	Resp:	320958
Ion	Ratio	Lower	Upper
107	100		
108	111.3	89.0	133.4
77	59.8	40.3	60.5
79	57.2	40.2	60.4



#18
Hexachloroethane
Concen: 43.613 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:	117	Resp:	156523
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	114.8
201	94.6	81.4	122.0

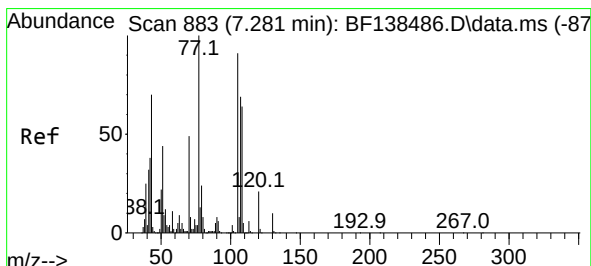
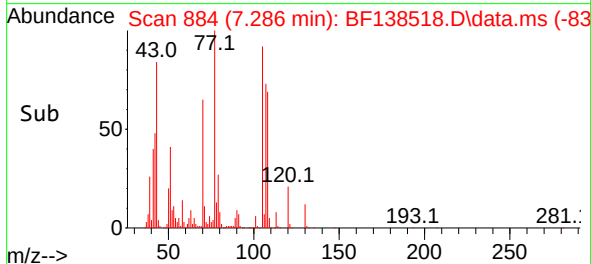
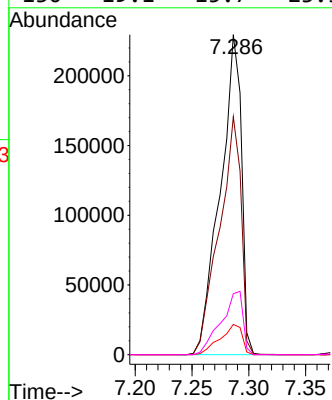
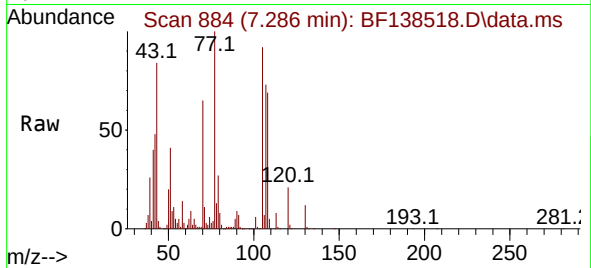




#19
n-Nitroso-di-n-propylamine
Concen: 44.869 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

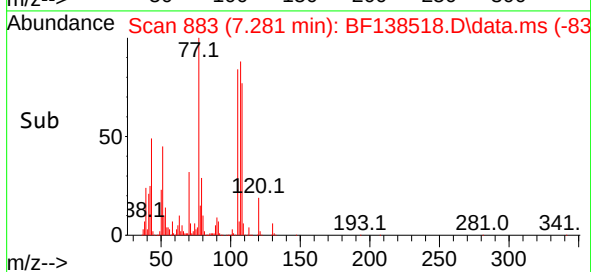
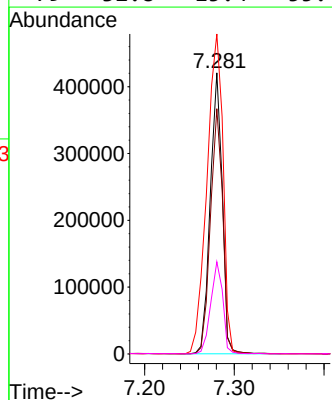
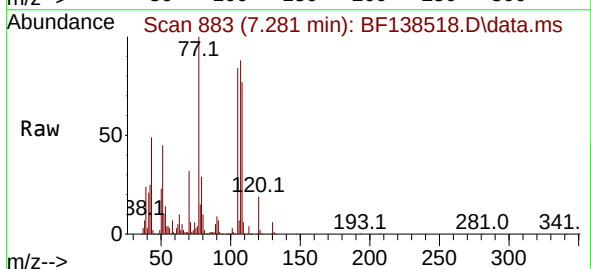
Instrument :
BNA_F
ClientSampleId :
PB161993BS

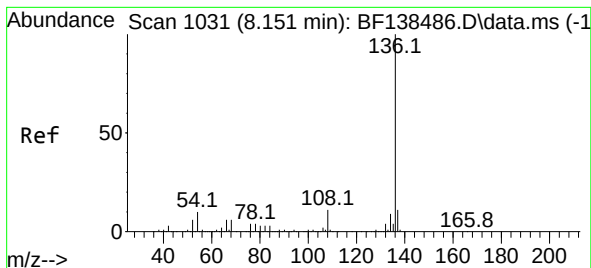
Tgt Ion: 70 Resp: 298317
Ion Ratio Lower Upper
70 100
42 74.3 62.4 93.6
101 9.4 7.2 10.8
130 19.1 15.7 23.5



#20
3+4-Methylphenols
Concen: 44.257 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion: 107 Resp: 390642
Ion Ratio Lower Upper
107 100
108 87.3 73.7 113.7
77 113.8 126.0 166.0#
79 32.8 15.4 55.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

Tgt Ion:136 Resp: 527348

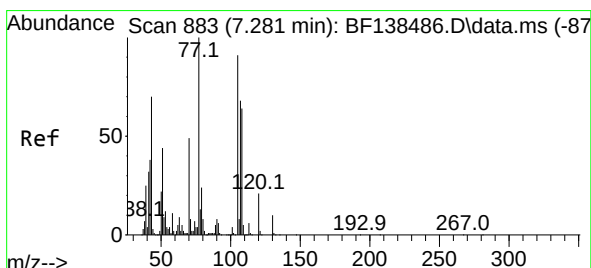
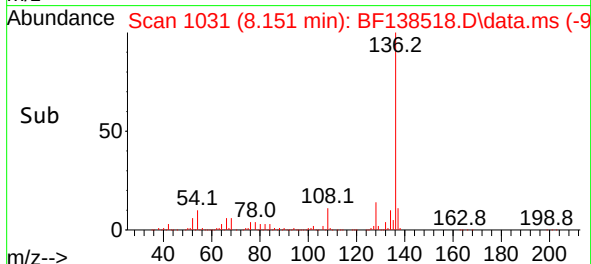
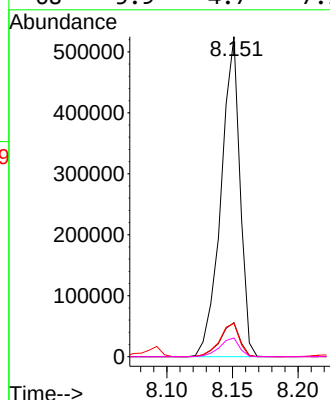
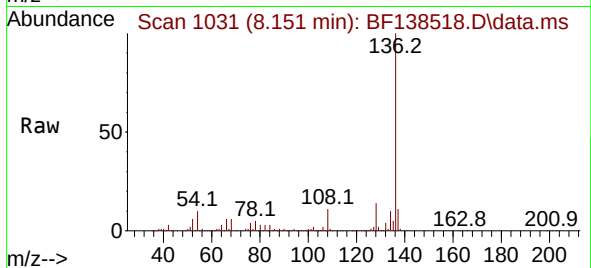
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.4 8.1 12.1

68 5.9 4.7 7.1



#22

Acetophenone

Concen: 43.271 ng

RT: 7.281 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

Tgt Ion:105 Resp: 554209

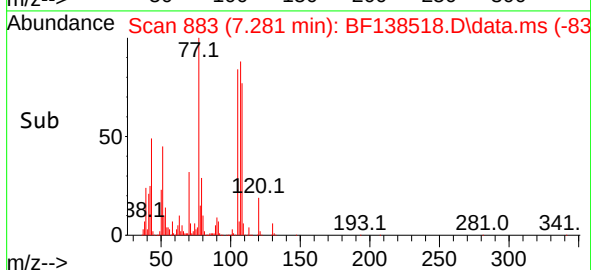
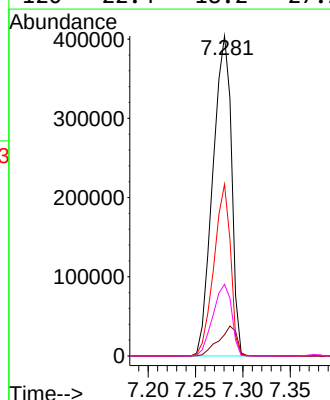
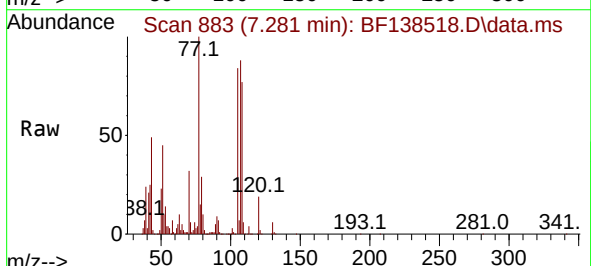
Ion Ratio Lower Upper

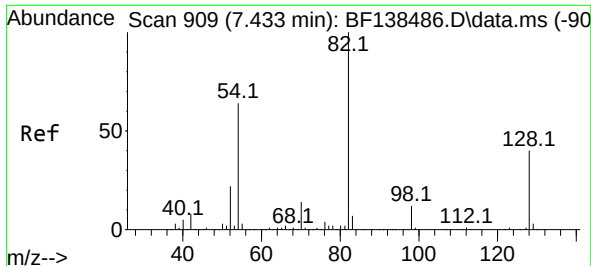
105 100

71 6.7 7.4 11.2#

51 53.7 38.7 58.1

120 22.4 18.2 27.2





#23

Nitrobenzene-d5

Concen: 83.303 ng

RT: 7.439 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

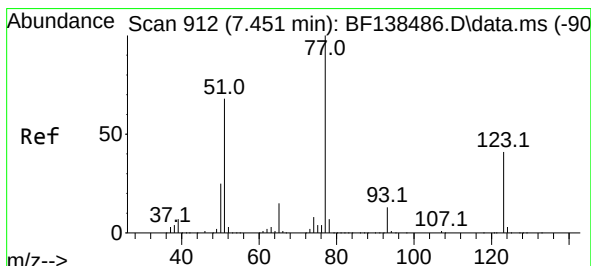
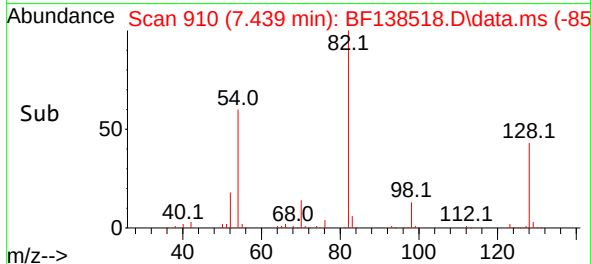
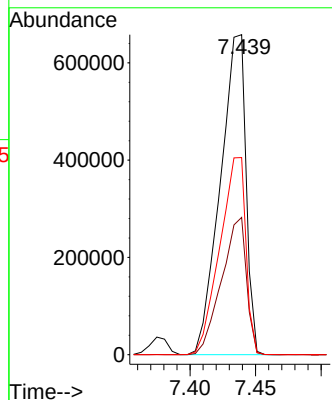
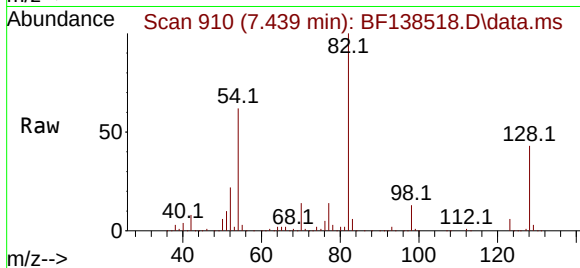
Tgt Ion: 82 Resp: 894740

Ion Ratio Lower Upper

82 100

128 42.9 32.3 48.5

54 61.6 51.4 77.0



#24

Nitrobenzene

Concen: 42.375 ng

RT: 7.457 min Scan# 913

Delta R.T. 0.006 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

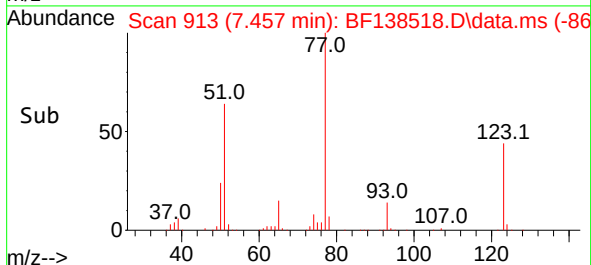
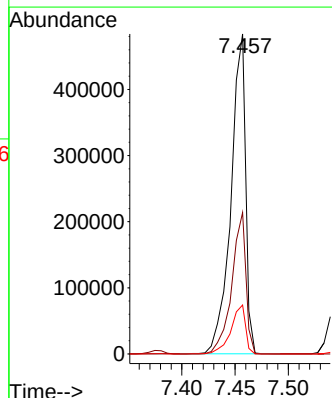
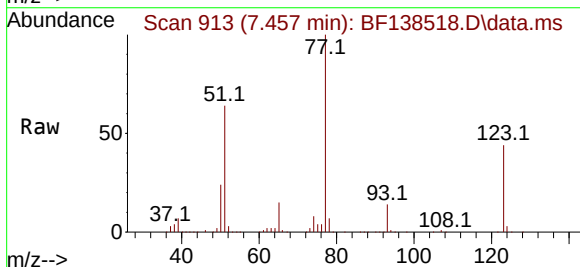
Tgt Ion: 77 Resp: 462518

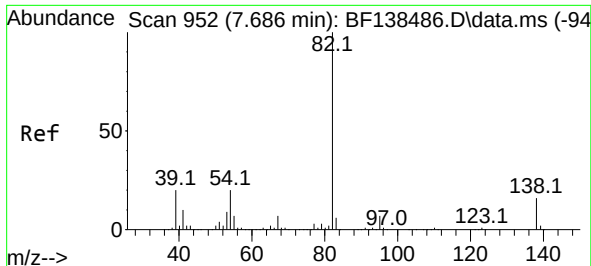
Ion Ratio Lower Upper

77 100

123 44.2 32.4 48.6

65 15.3 11.8 17.8

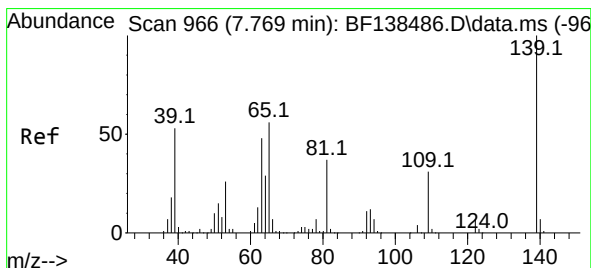
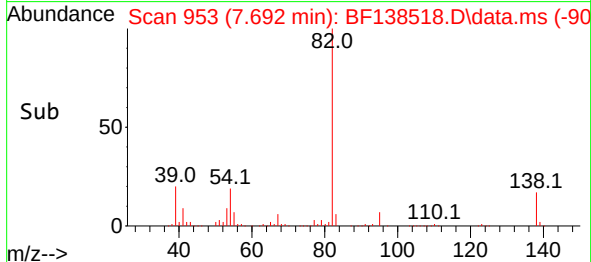
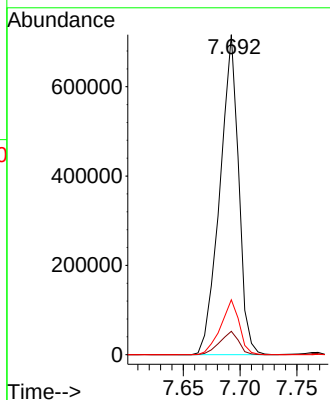
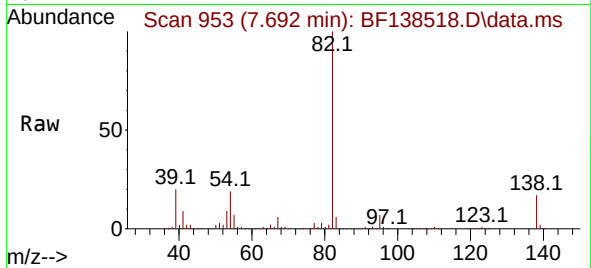




#25
Isophorone
Concen: 44.765 ng
RT: 7.692 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

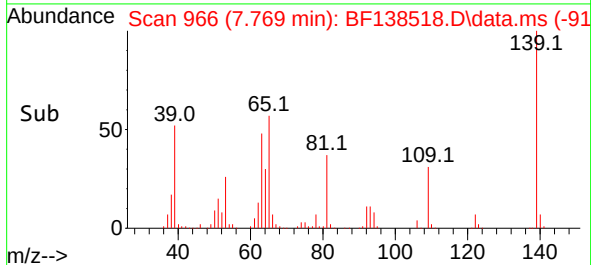
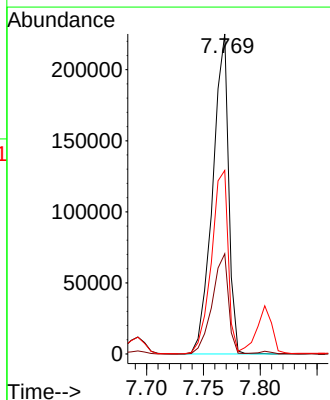
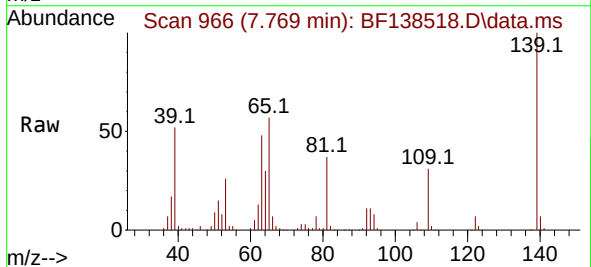
Instrument :
BNA_F
ClientSampleId :
PB161993BS

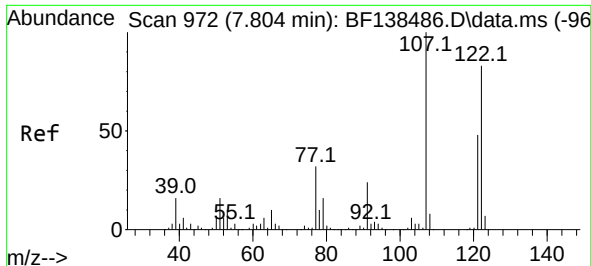
Tgt Ion: 82 Resp: 825697
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 17.1 12.8 19.2



#26
2-Nitrophenol
Concen: 47.034 ng
RT: 7.769 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:139 Resp: 220033
Ion Ratio Lower Upper
139 100
109 31.3 24.8 37.2
65 57.3 45.1 67.7

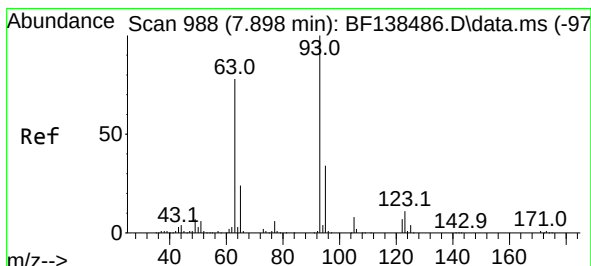
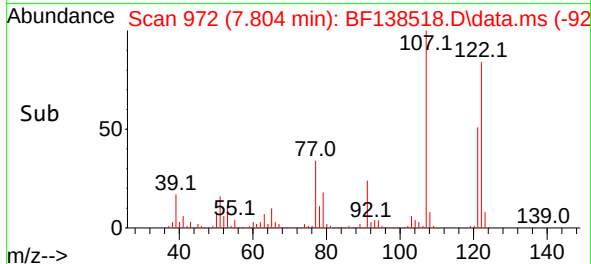
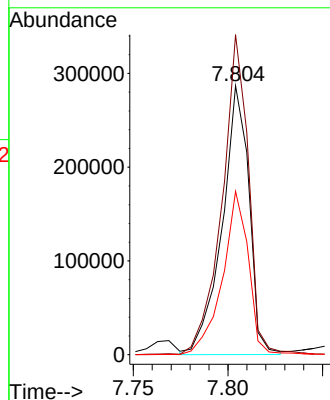
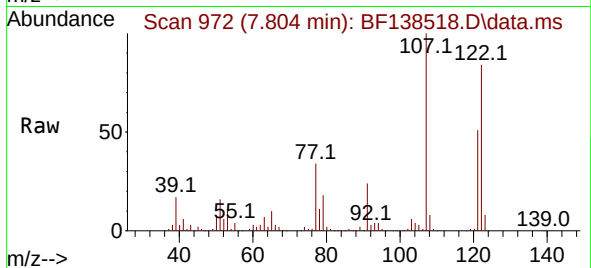




#27
2,4-Dimethylphenol
Concen: 49.010 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

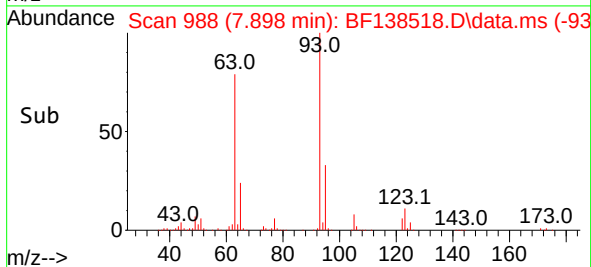
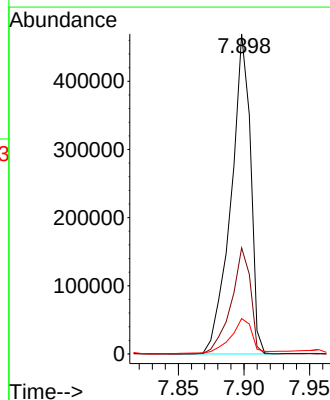
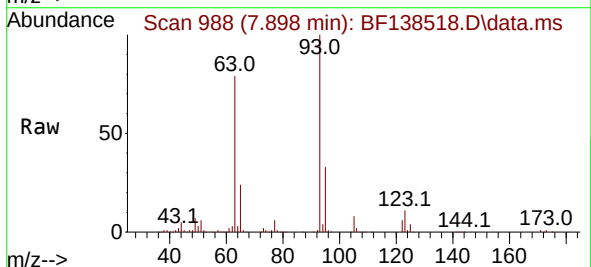
Instrument :
BNA_F
ClientSampleId :
PB161993BS

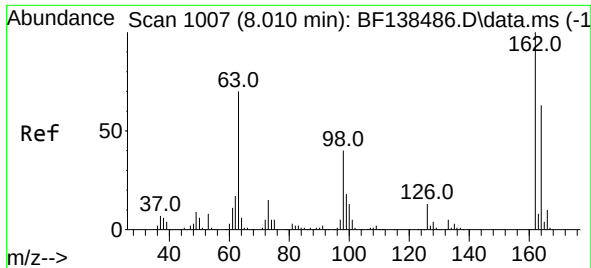
Tgt Ion:122 Resp: 281794
Ion Ratio Lower Upper
122 100
107 119.0 96.3 144.5
121 60.7 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 44.155 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion: 93 Resp: 486747
Ion Ratio Lower Upper
93 100
95 33.2 27.0 40.6
123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 44.833 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

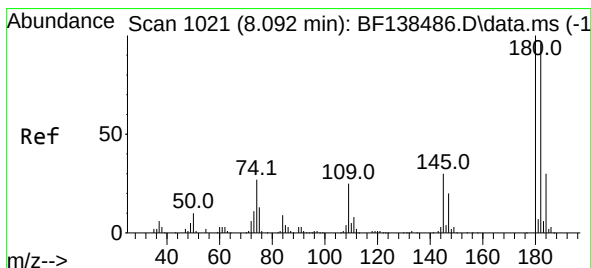
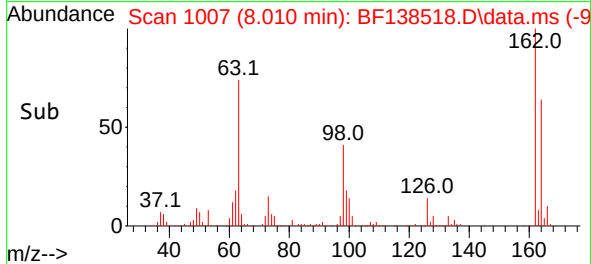
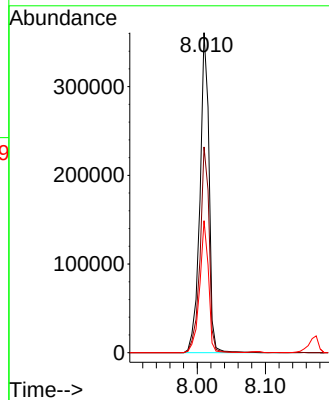
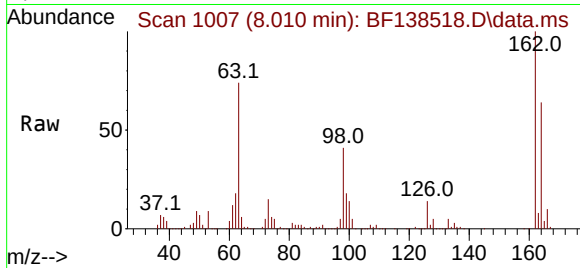
Tgt Ion:162 Resp: 334751

Ion Ratio Lower Upper

162 100

164 64.3 42.6 82.6

98 41.3 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 42.561 ng

RT: 8.092 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

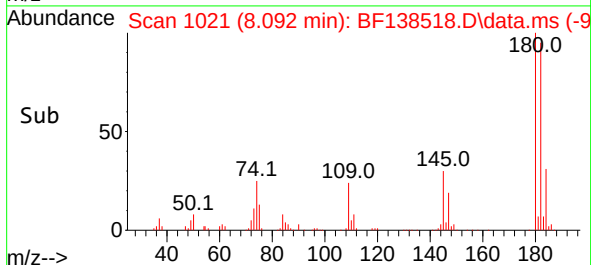
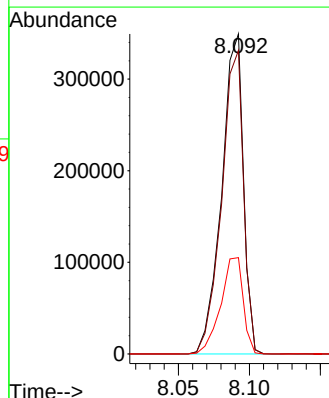
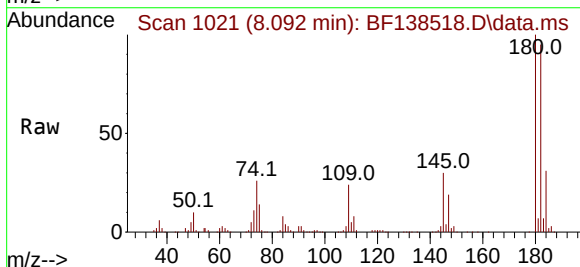
Tgt Ion:180 Resp: 370201

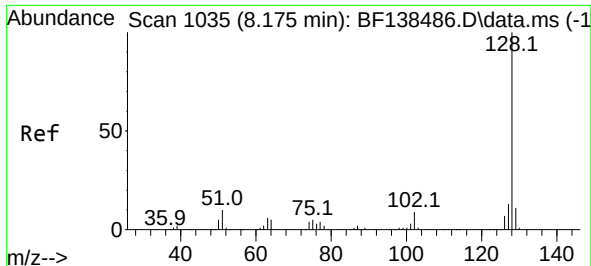
Ion Ratio Lower Upper

180 100

182 94.9 76.9 115.3

145 30.1 23.9 35.9

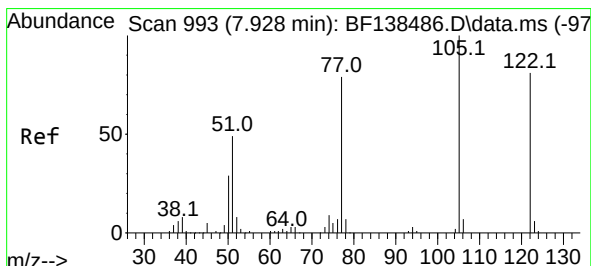
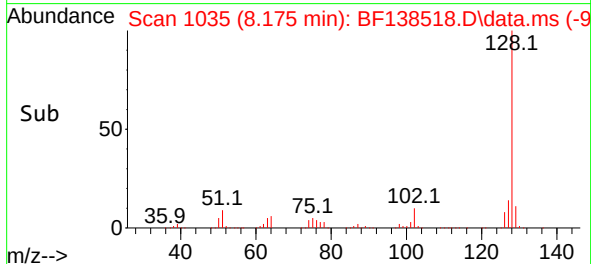
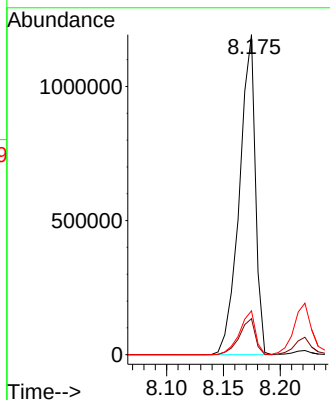
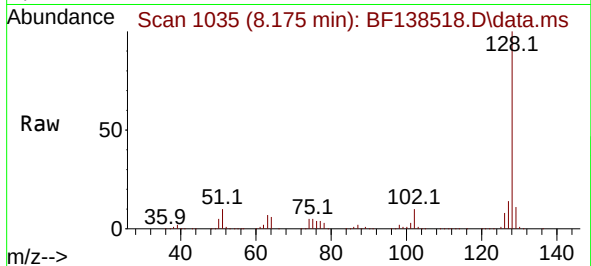




#31
Naphthalene
Concen: 42.610 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

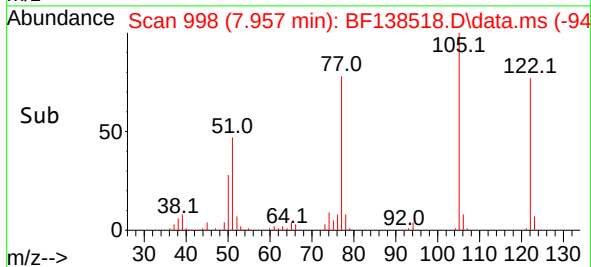
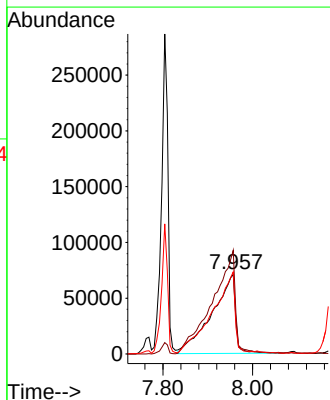
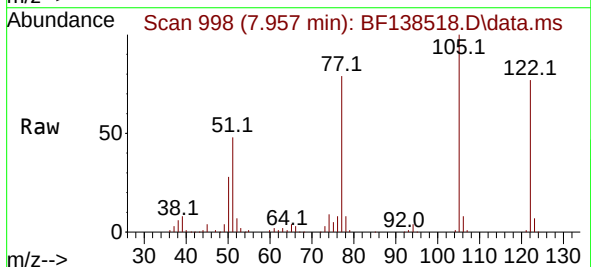
Instrument :
BNA_F
ClientSampleId :
PB161993BS

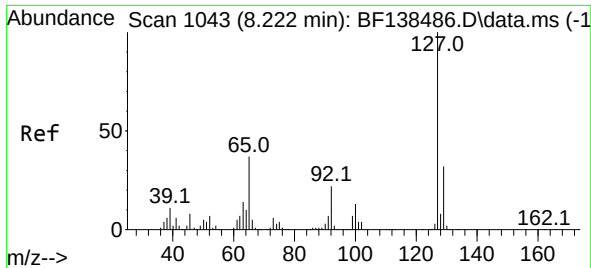
Tgt Ion:128 Resp: 1168648
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 47.174 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.029 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:122 Resp: 258701
Ion Ratio Lower Upper
122 100
105 130.3 101.5 141.5
77 103.3 77.3 117.3

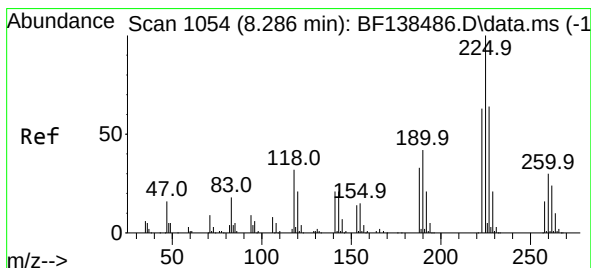
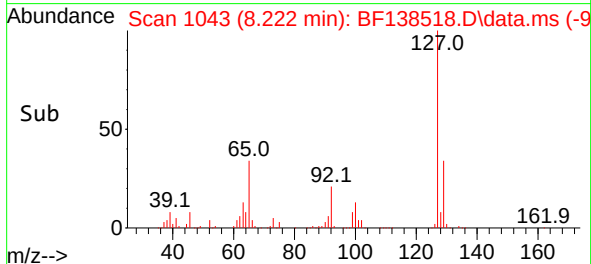
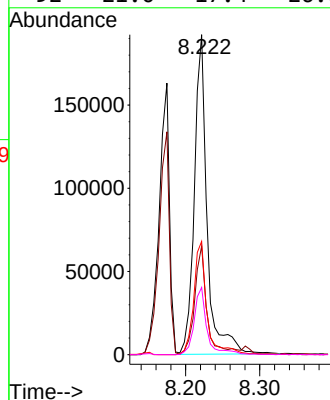
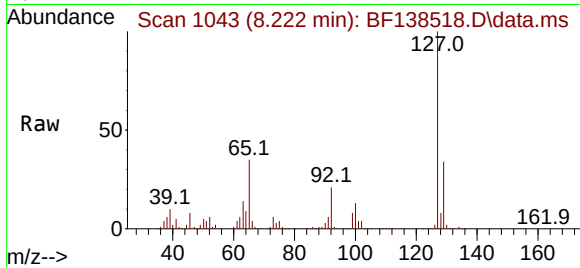




#33
4-Chloroaniline
Concen: 24.005 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

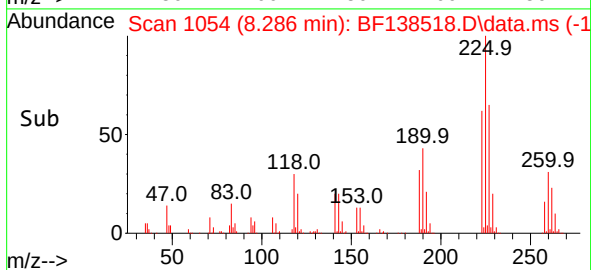
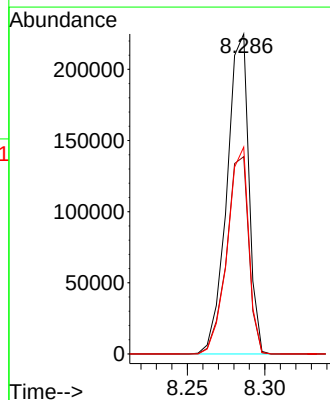
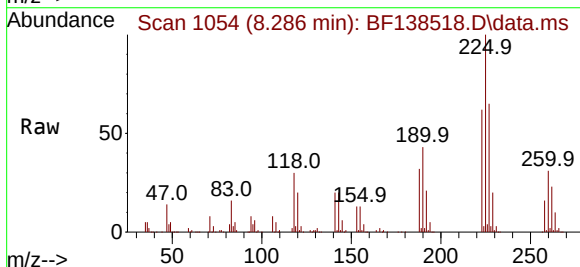
Instrument :
BNA_F
ClientSampleId :
PB161993BS

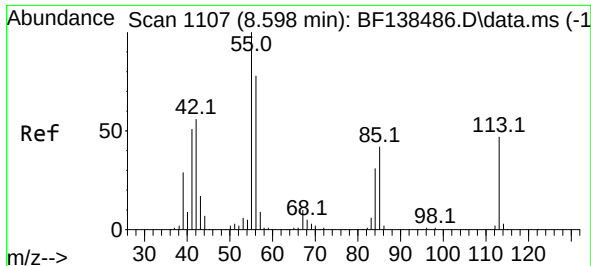
Tgt	Ion:127	Resp:	231003
Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.6	38.4
65	35.4	29.6	44.4
92	21.0	17.4	26.0



#34
Hexachlorobutadiene
Concen: 41.295 ng
RT: 8.286 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt	Ion:225	Resp:	221184
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.0	75.0
227	64.7	51.0	76.6

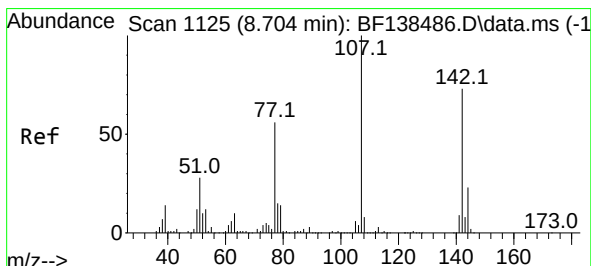
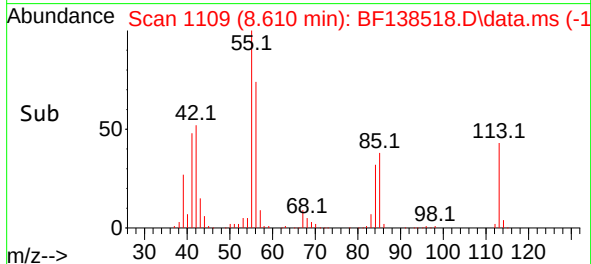
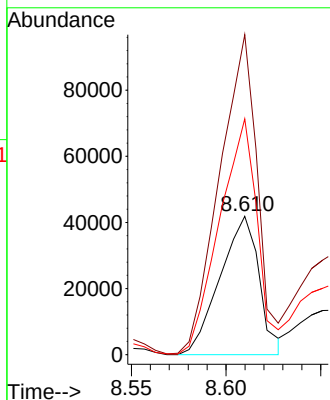
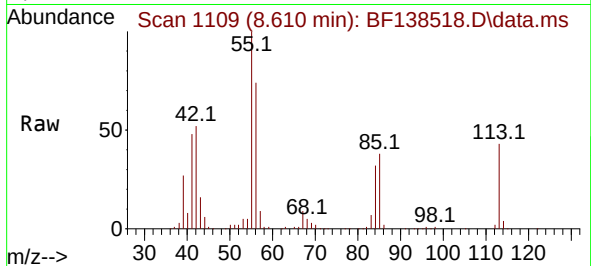




#35
 Caprolactam
 Concen: 24.997 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.012 min
 Lab File: BF138518.D
 Acq: 11 Jul 2024 12:27

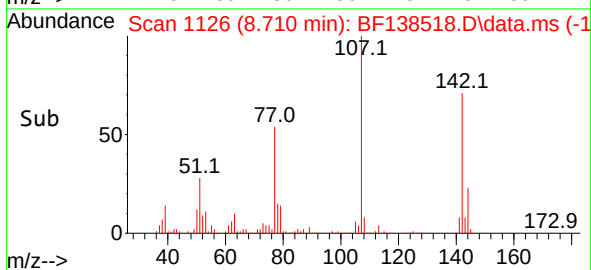
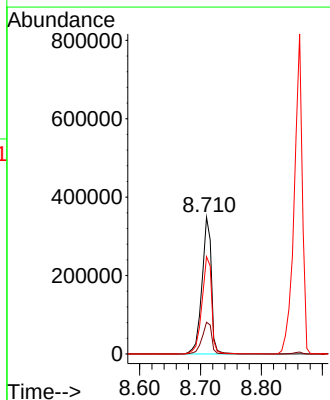
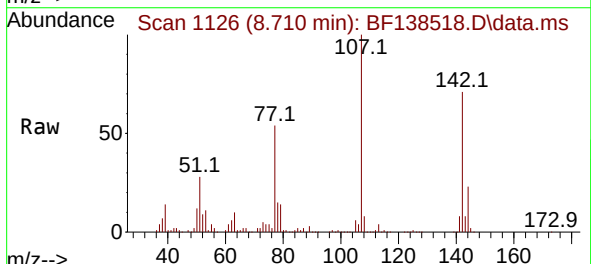
Instrument :
 BNA_F
 ClientSampleId :
 PB161993BS

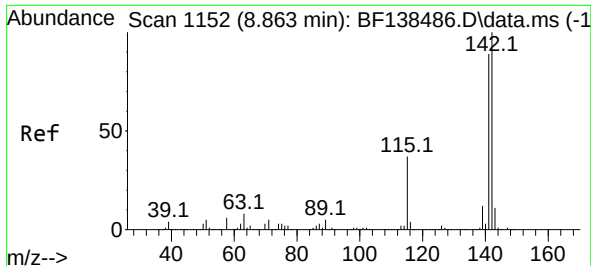
Tgt Ion:113 Resp: 60228
 Ion Ratio Lower Upper
 113 100
 55 231.1 192.5 232.5
 56 170.3 145.3 185.3



#36
 4-Chloro-3-methylphenol
 Concen: 44.796 ng
 RT: 8.710 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF138518.D
 Acq: 11 Jul 2024 12:27

Tgt Ion:107 Resp: 374448
 Ion Ratio Lower Upper
 107 100
 144 23.1 18.6 27.8
 142 71.1 58.6 88.0

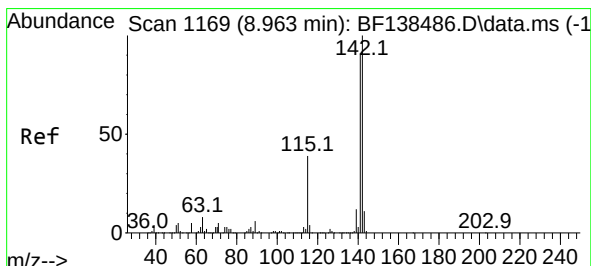
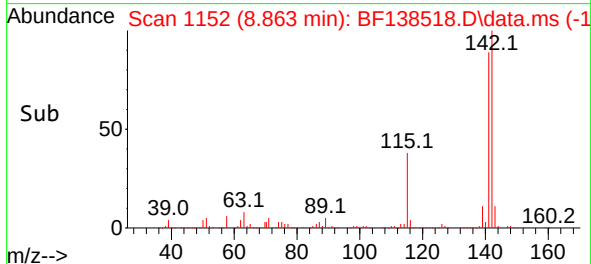
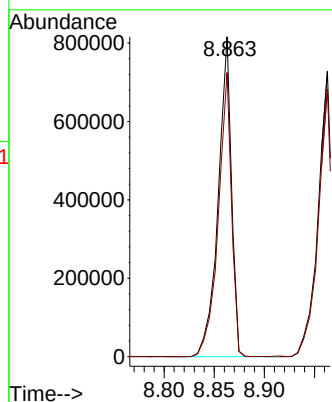
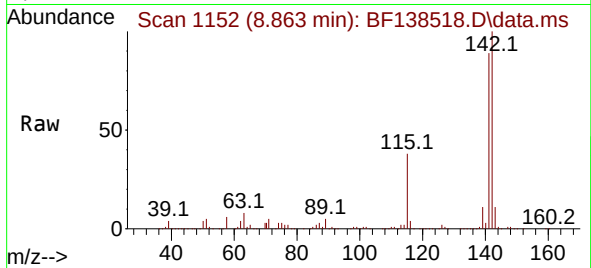




#37
2-Methylnaphthalene
Concen: 42.576 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

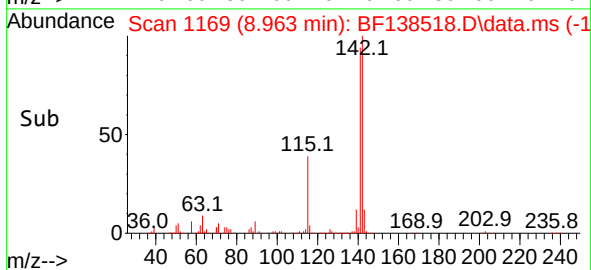
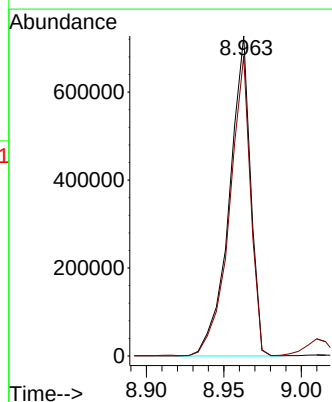
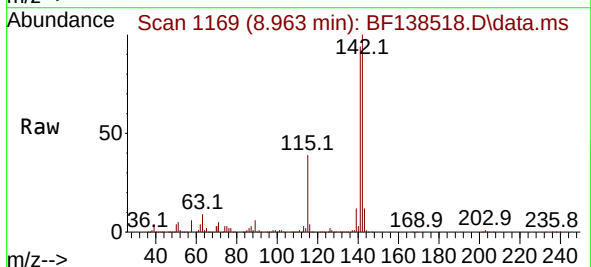
Instrument :
BNA_F
ClientSampleId :
PB161993BS

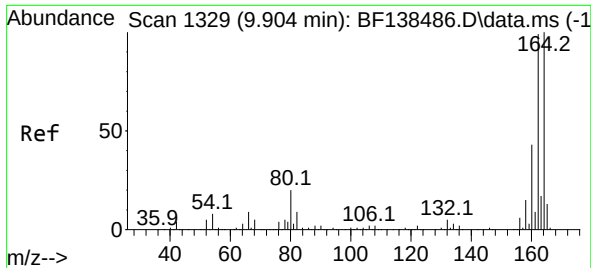
Tgt Ion:142 Resp: 751449
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0



#38
1-Methylnaphthalene
Concen: 40.421 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:142 Resp: 696252
Ion Ratio Lower Upper
142 100
141 93.8 72.6 108.8

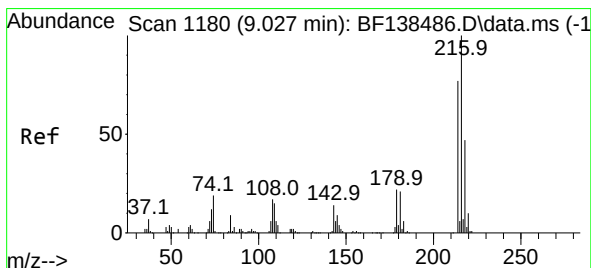
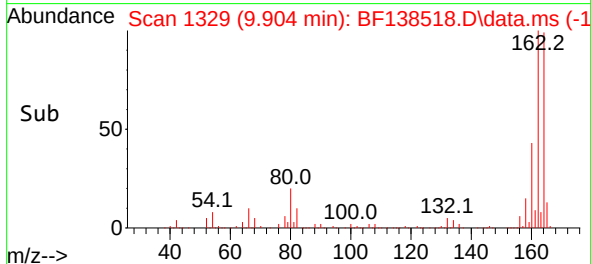
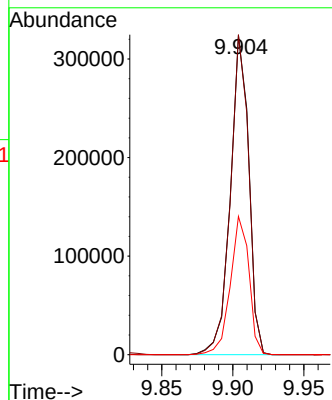
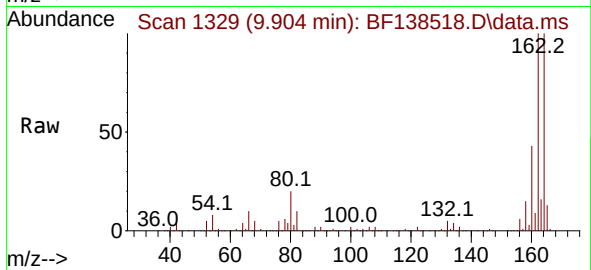




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

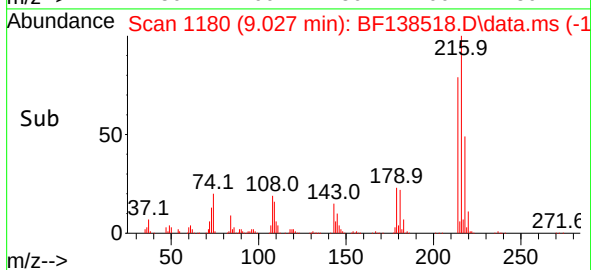
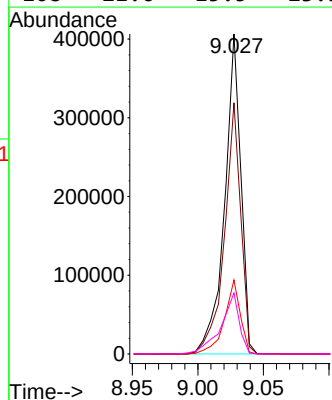
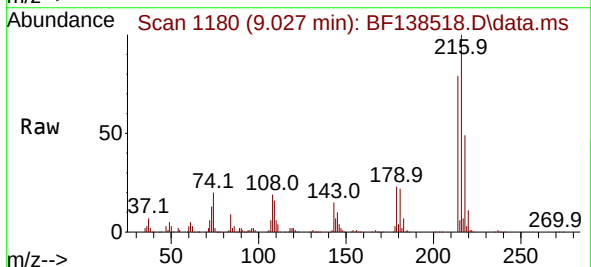
Instrument :
BNA_F
ClientSampleId :
PB161993BS

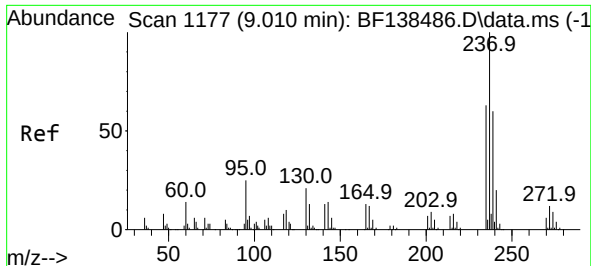
Tgt Ion:164 Resp: 292519
Ion Ratio Lower Upper
164 100
162 100.2 79.0 118.6
160 43.3 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.914 ng
RT: 9.027 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

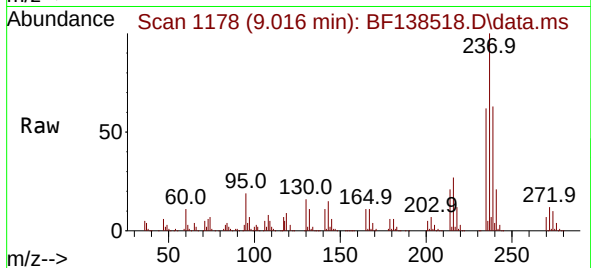
Tgt Ion:216 Resp: 349865
Ion Ratio Lower Upper
216 100
214 78.4 62.8 94.2
179 22.6 17.7 26.5
108 21.6 15.5 23.3



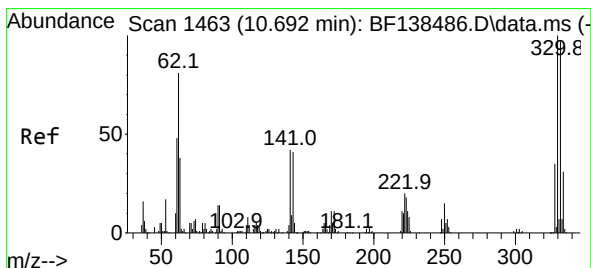
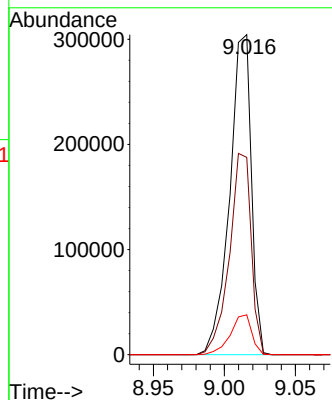
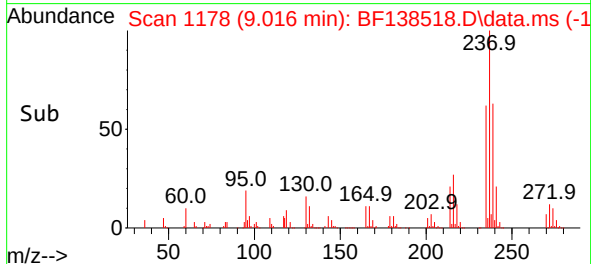


#41
Hexachlorocyclopentadiene
Concen: 122.589 ng
RT: 9.016 min Scan# 1177
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

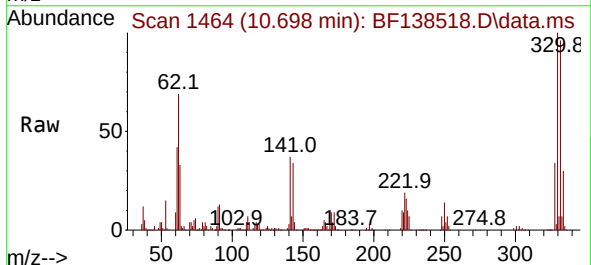
Instrument :
BNA_F
ClientSampleId :
PB161993BS



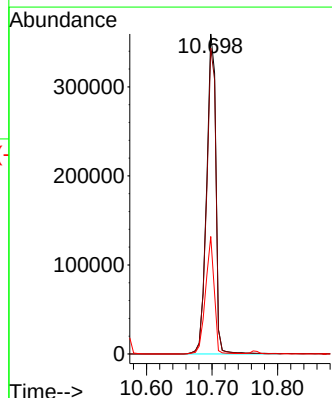
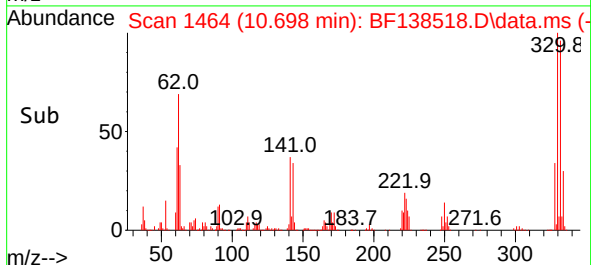
Tgt Ion:237 Resp: 324396
Ion Ratio Lower Upper
237 100
235 61.7 43.3 83.3
272 12.4 0.0 32.3

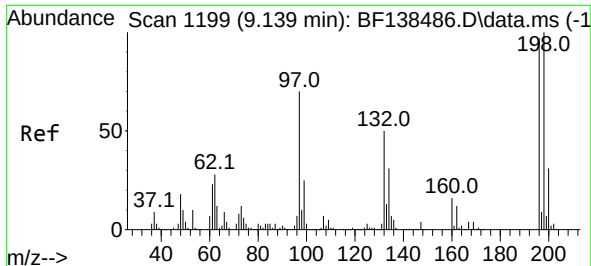


#42
2,4,6-Tribromophenol
Concen: 129.465 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27



Tgt Ion:330 Resp: 353941
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 34.6 29.4 44.2

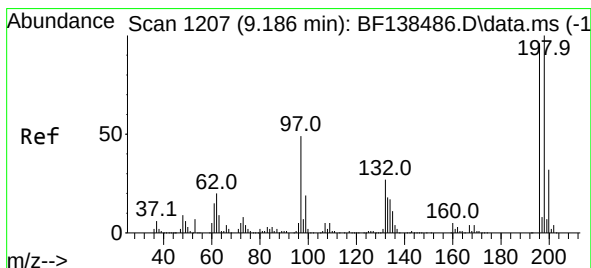
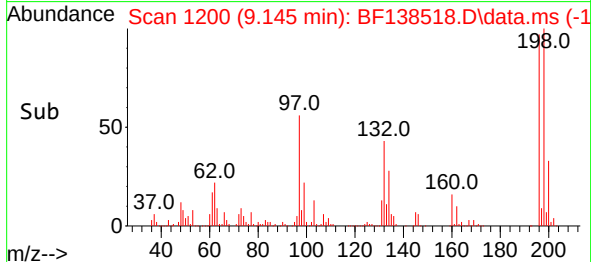
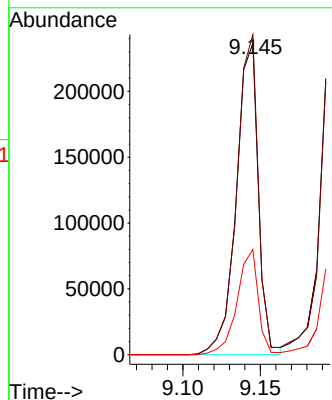
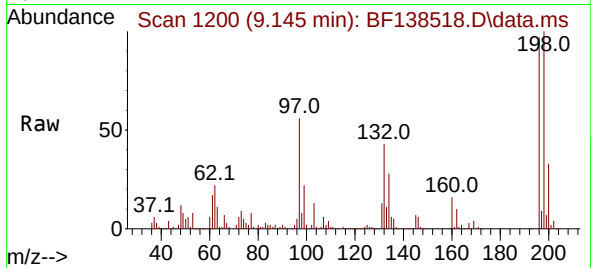




#43
2,4,6-Trichlorophenol
Concen: 45.076 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

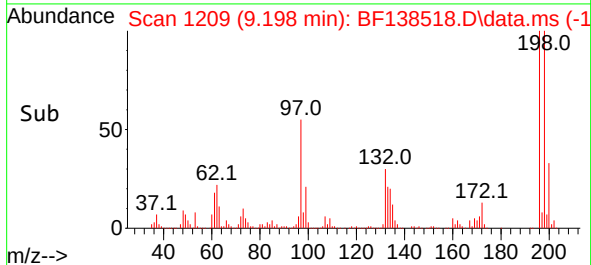
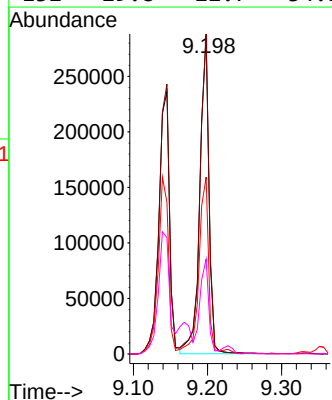
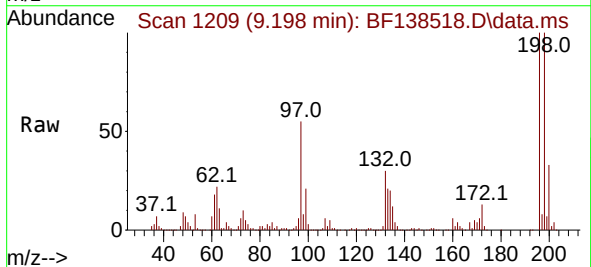
Instrument :
BNA_F
ClientSampleId :
PB161993BS

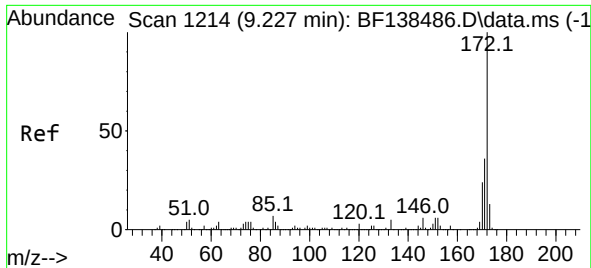
Tgt Ion:196 Resp: 234415
Ion Ratio Lower Upper
196 100
198 102.8 82.3 123.5
200 33.8 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 43.184 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:196 Resp: 247006
Ion Ratio Lower Upper
196 100
198 100.4 82.8 124.2
97 55.5 41.0 61.4
132 29.8 22.7 34.1

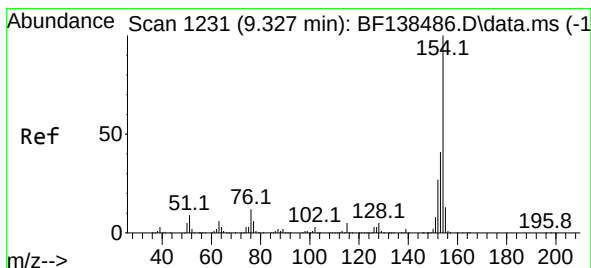
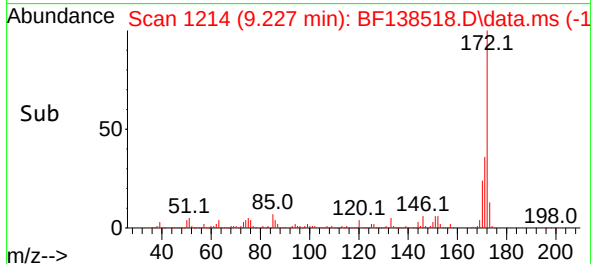
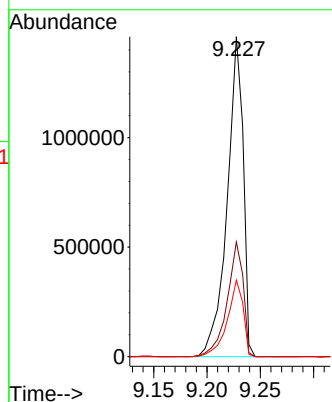
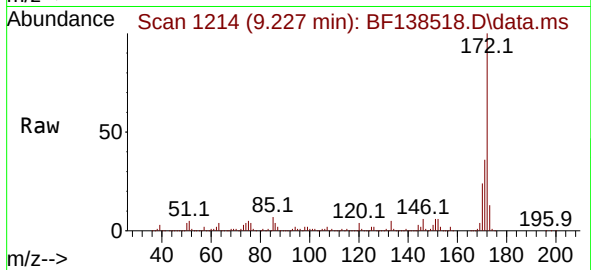




#45
2-Fluorobiphenyl
Concen: 81.714 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

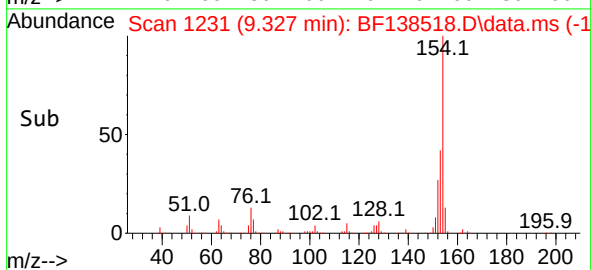
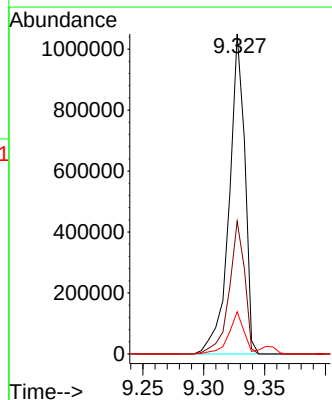
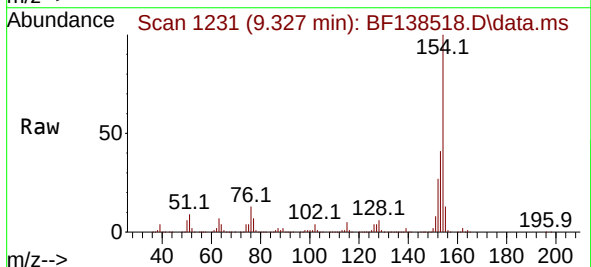
Instrument :
BNA_F
ClientSampleId :
PB161993BS

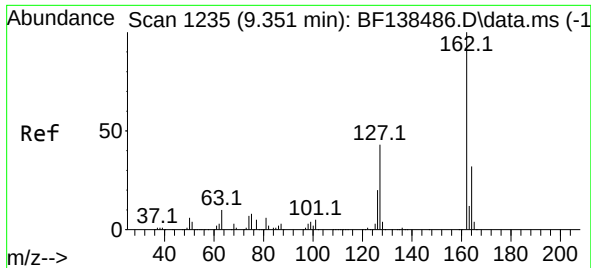
Tgt Ion:172 Resp: 1529380
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 24.0 18.9 28.3



#46
1,1'-Biphenyl
Concen: 42.182 ng
RT: 9.327 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:154 Resp: 935097
Ion Ratio Lower Upper
154 100
153 41.4 20.7 60.7
76 13.2 0.0 32.2

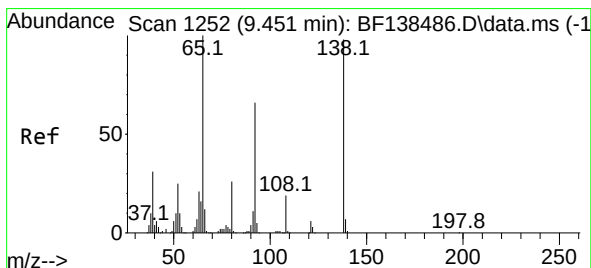
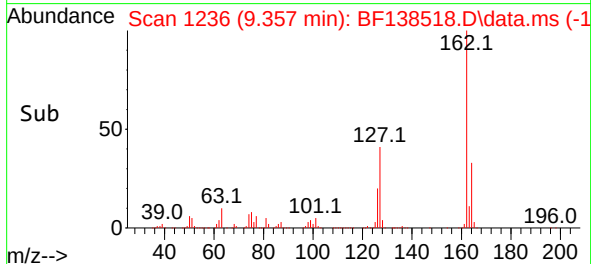
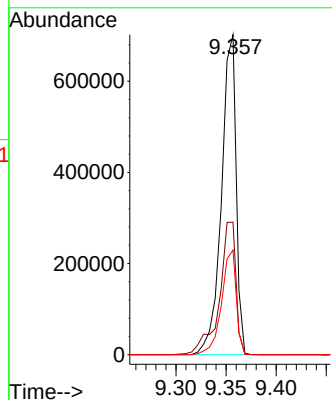
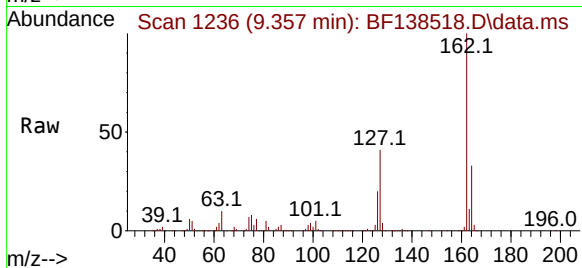




#47
2-Chloronaphthalene
Concen: 42.634 ng
RT: 9.357 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

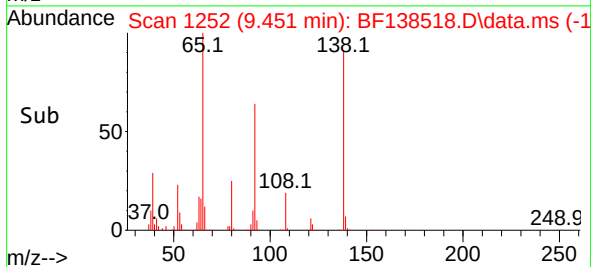
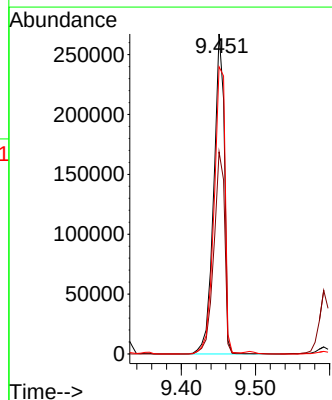
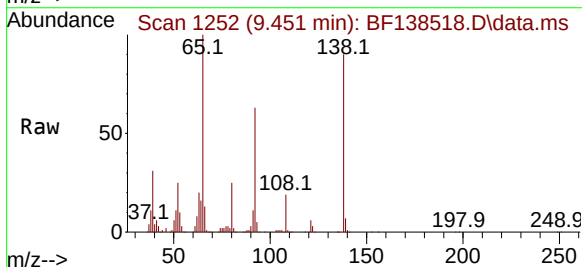
Instrument :
BNA_F
ClientSampleId :
PB161993BS

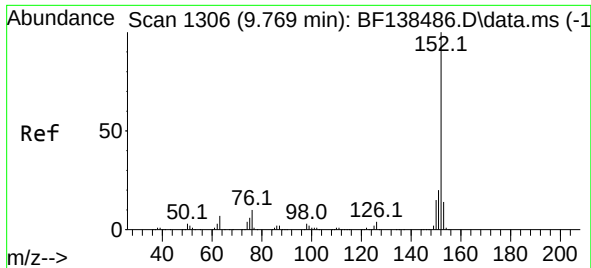
Tgt Ion:162 Resp: 714008
Ion Ratio Lower Upper
162 100
127 41.4 34.8 52.2
164 32.7 25.6 38.4



#48
2-Nitroaniline
Concen: 45.942 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion: 65 Resp: 266622
Ion Ratio Lower Upper
65 100
92 63.2 52.6 78.8
138 89.8 78.6 118.0

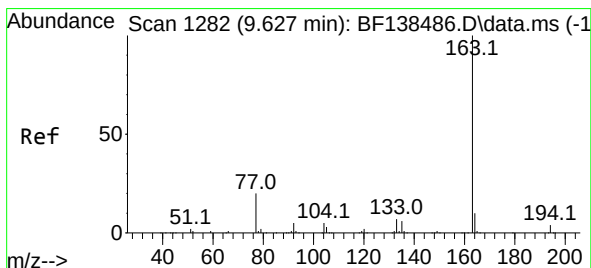
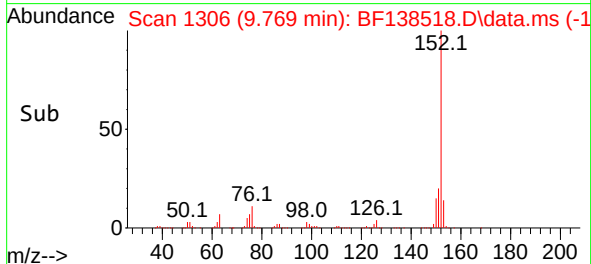
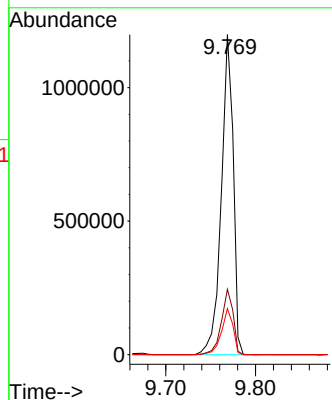
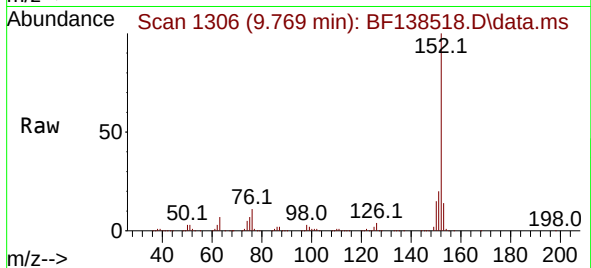




#49
Acenaphthylene
Concen: 46.419 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

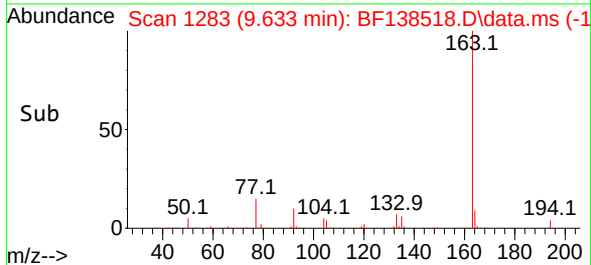
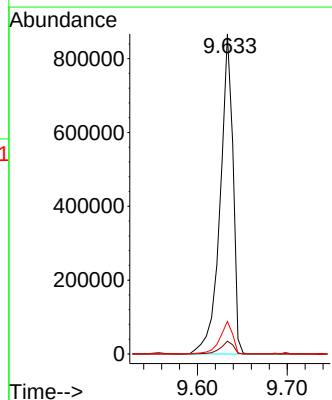
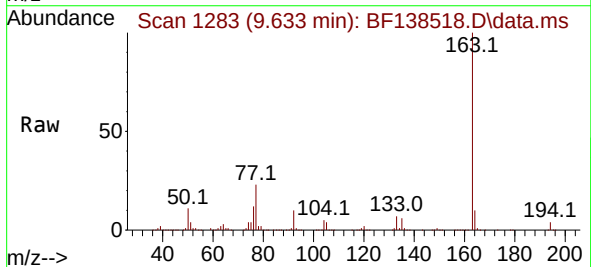
Instrument :
BNA_F
ClientSampleId :
PB161993BS

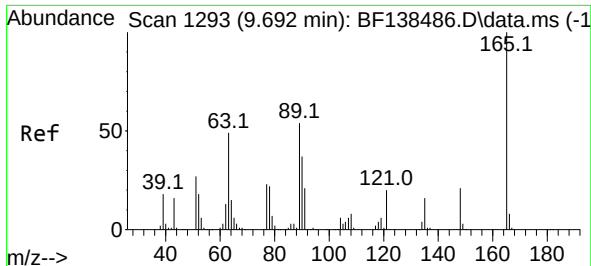
Tgt Ion:152 Resp: 1103711
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 14.4 11.3 16.9



#50
Dimethylphthalate
Concen: 45.406 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:163 Resp: 858844
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.2 8.1 12.1

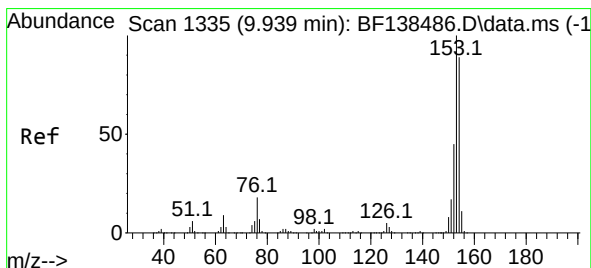
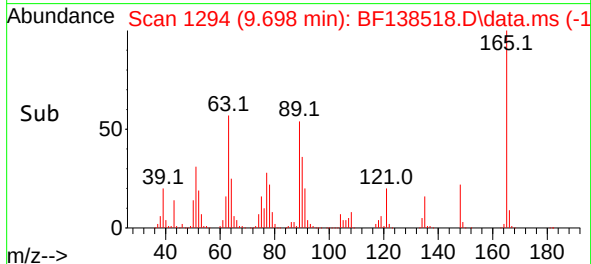
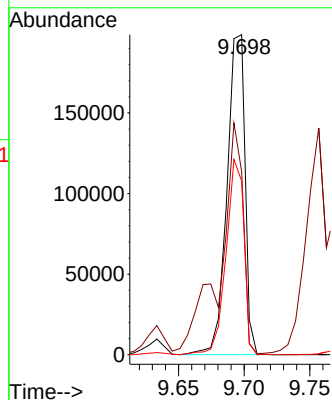
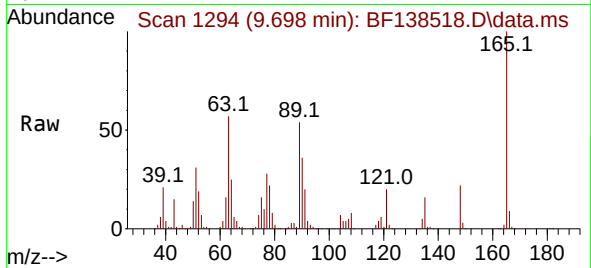




#51
2,6-Dinitrotoluene
Concen: 43.729 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

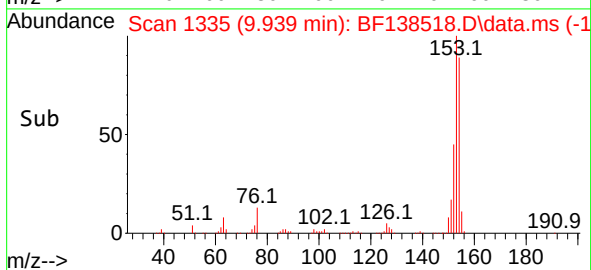
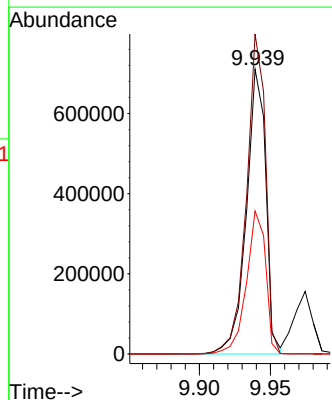
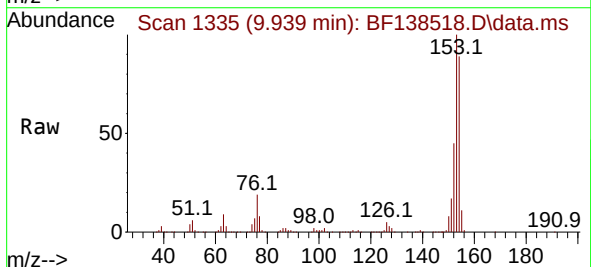
Instrument :
BNA_F
ClientSampleId :
PB161993BS

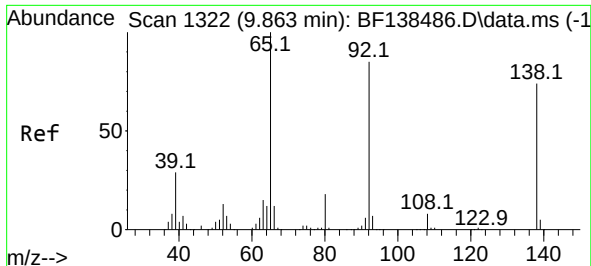
Tgt Ion:165 Resp: 190445
Ion Ratio Lower Upper
165 100
63 57.2 48.1 72.1
89 54.2 43.0 64.6



#52
Acenaphthene
Concen: 42.558 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:154 Resp: 672647
Ion Ratio Lower Upper
154 100
153 112.4 90.4 135.6
152 50.3 41.1 61.7

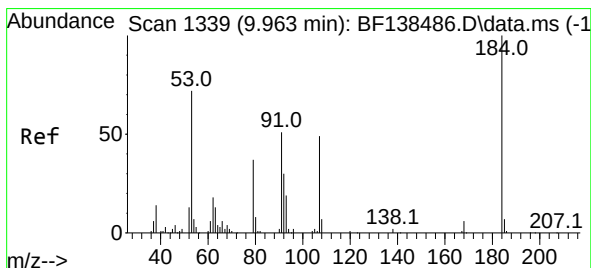
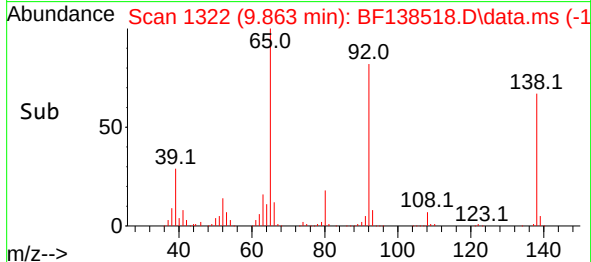
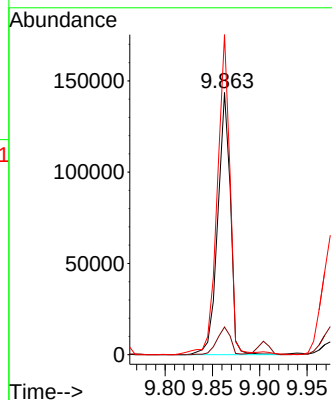
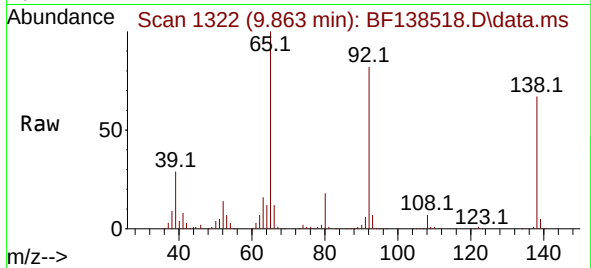




#53
3-Nitroaniline
Concen: 29.743 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

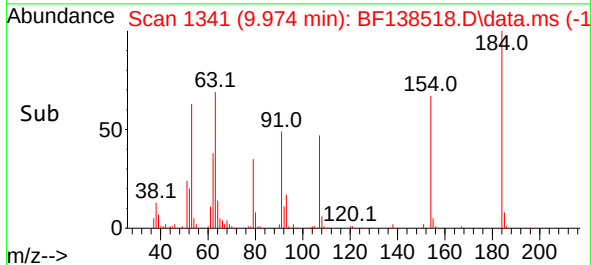
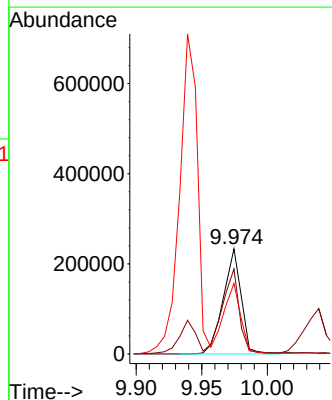
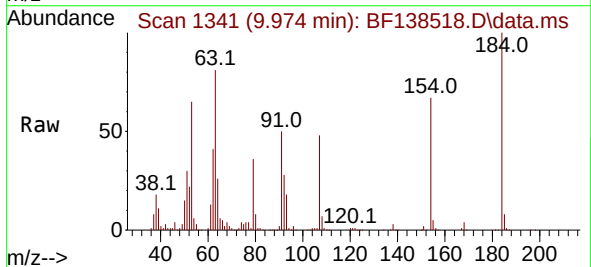
Instrument :
BNA_F
ClientSampleId :
PB161993BS

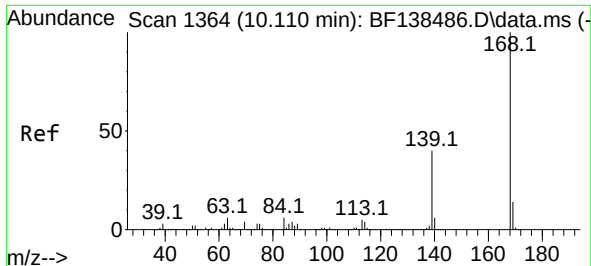
Tgt Ion:138 Resp: 132762
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 122.1 92.6 138.8



#54
2,4-Dinitrophenol
Concen: 94.429 ng
RT: 9.974 min Scan# 1341
Delta R.T. 0.011 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:184 Resp: 222801
Ion Ratio Lower Upper
184 100
63 80.8 70.6 106.0
154 67.0 53.8 80.6

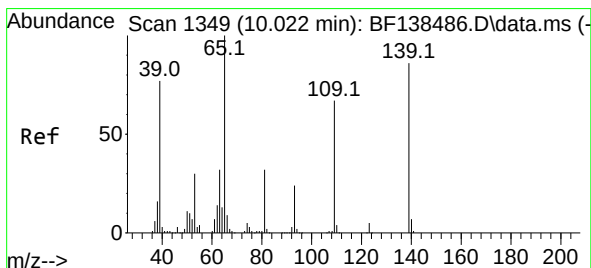
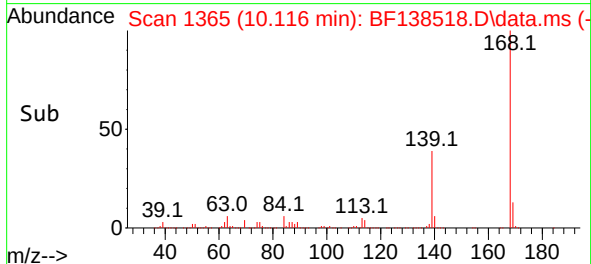
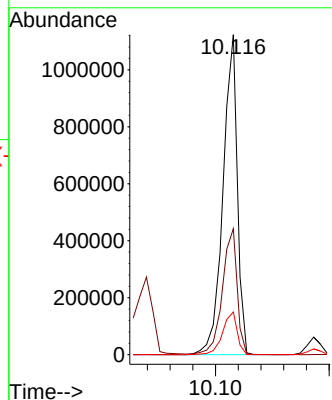
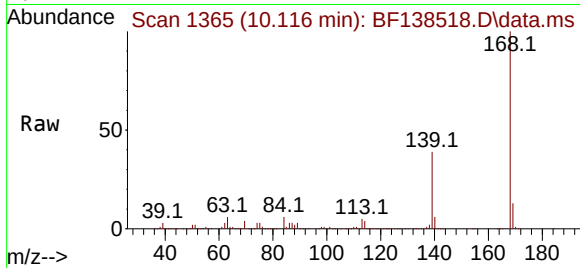




#55
Dibenzenofuran
Concen: 42.987 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

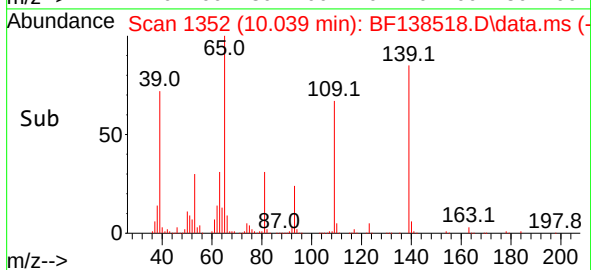
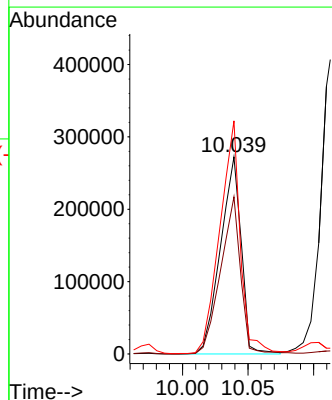
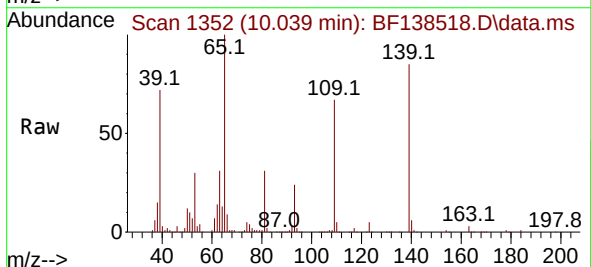
Instrument :
BNA_F
ClientSampleId :
PB161993BS

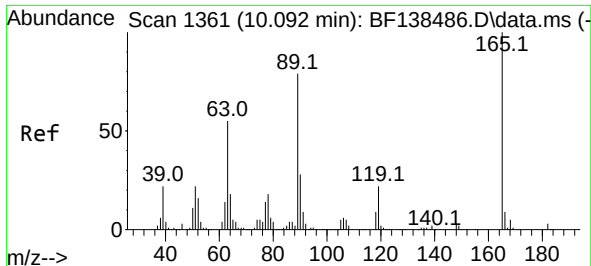
Tgt Ion:168 Resp: 985466
Ion Ratio Lower Upper
168 100
139 39.4 32.4 48.6
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 90.734 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.018 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:139 Resp: 298837
Ion Ratio Lower Upper
139 100
109 79.7 58.1 98.1
65 118.3 96.9 136.9

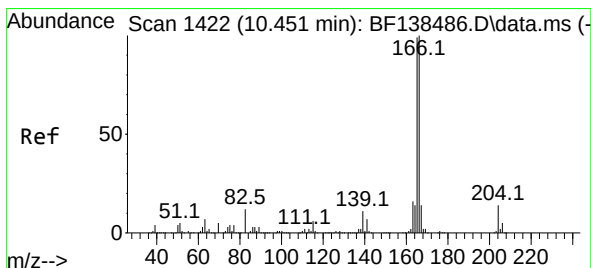
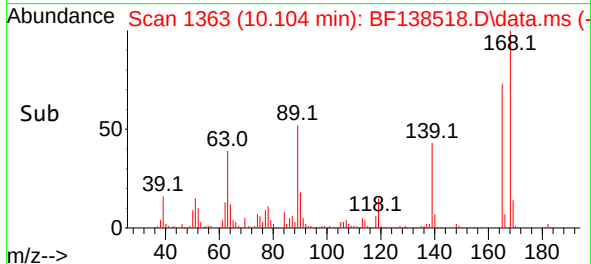
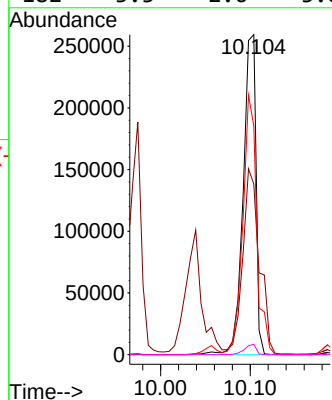
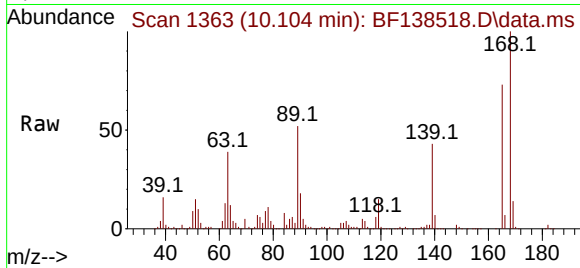




#57
2,4-Dinitrotoluene
Concen: 45.914 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

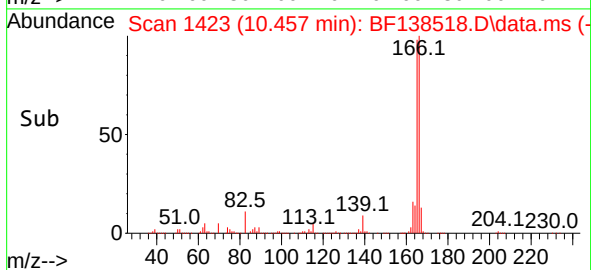
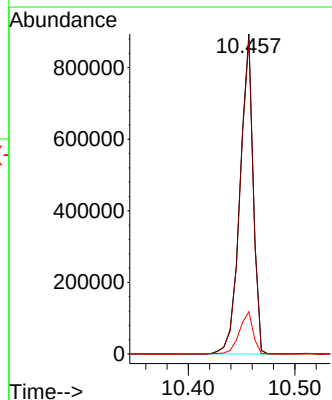
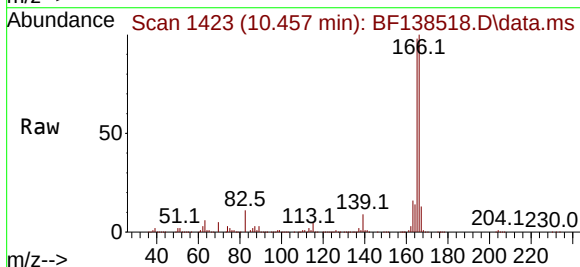
Instrument :
BNA_F
ClientSampleId :
PB161993BS

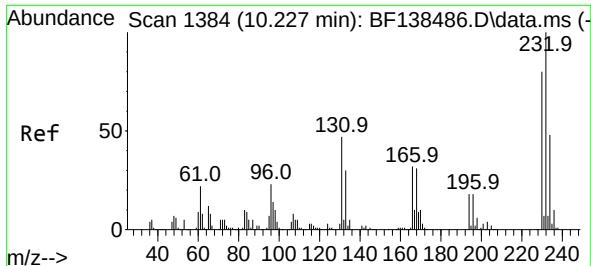
Tgt Ion:165 Resp: 258720
Ion Ratio Lower Upper
165 100
63 53.3 44.6 66.8
89 71.5 63.4 95.2
182 3.3 2.6 3.8



#58
Fluorene
Concen: 42.426 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:166 Resp: 769582
Ion Ratio Lower Upper
166 100
165 98.1 79.1 118.7
167 13.2 11.0 16.6

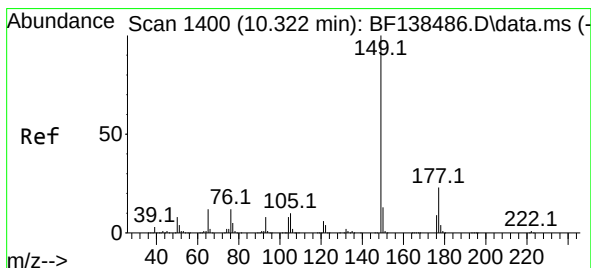
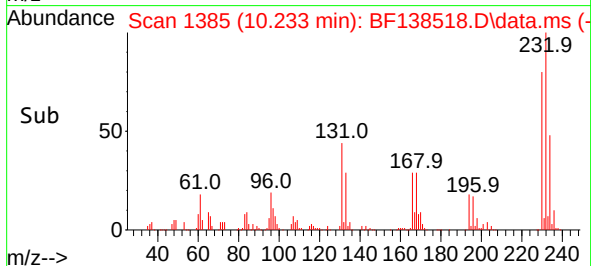
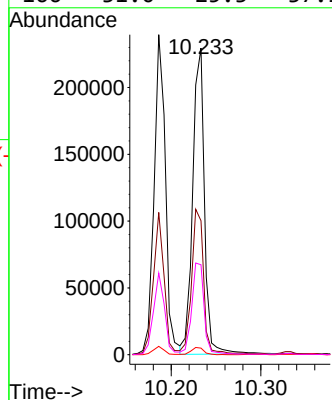
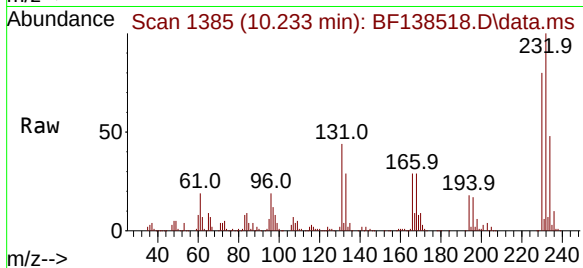




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.325 ng
RT: 10.233 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

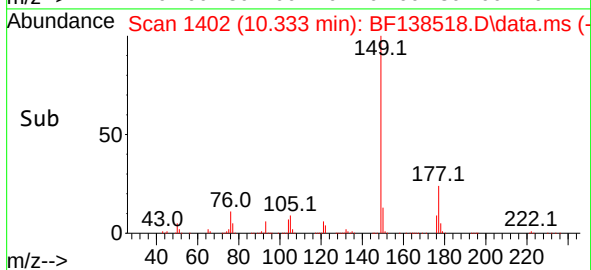
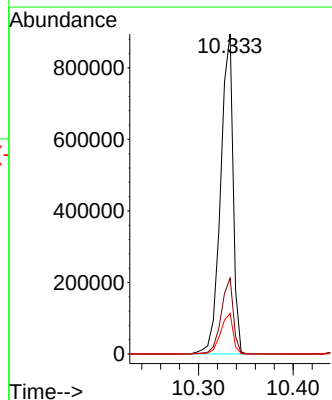
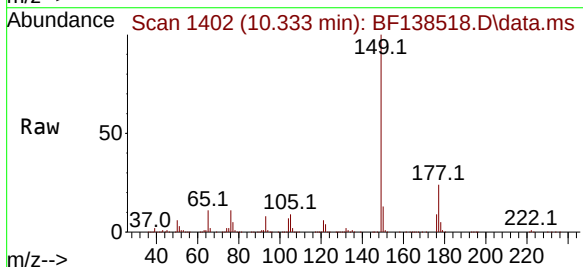
Instrument :
BNA_F
ClientSampleId :
PB161993BS

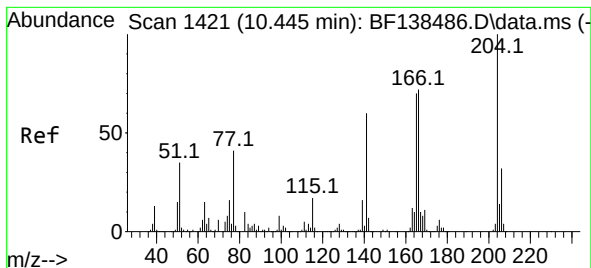
Tgt Ion:232 Resp: 209118
Ion Ratio Lower Upper
232 100
131 47.7 37.5 56.3
130 2.5 2.0 3.0
166 31.0 25.3 37.9



#60
Diethylphthalate
Concen: 45.010 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.012 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:149 Resp: 820738
Ion Ratio Lower Upper
149 100
177 23.7 18.5 27.7
150 12.7 10.3 15.5

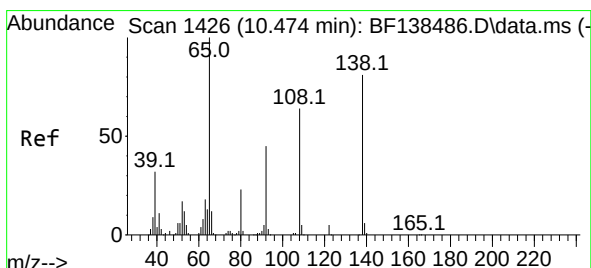
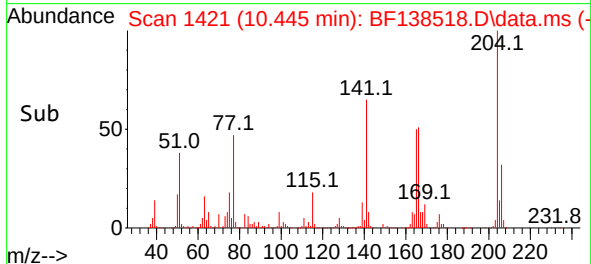
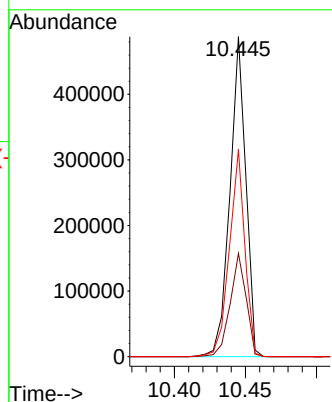
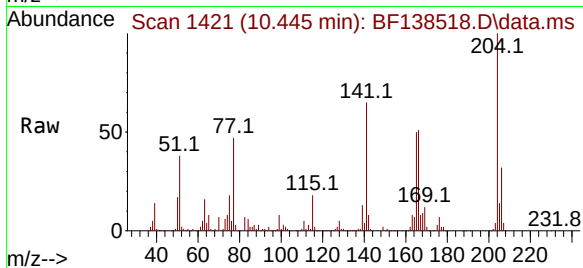




#61
4-Chlorophenyl-phenylether
Concen: 41.699 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

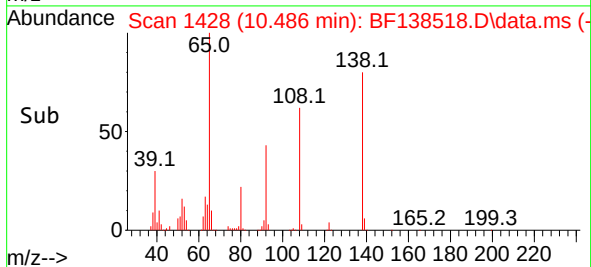
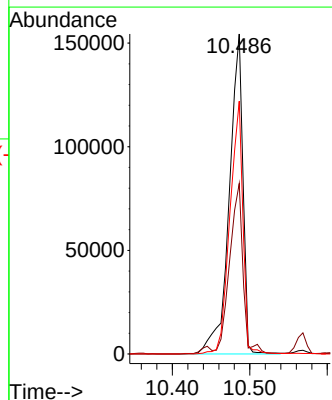
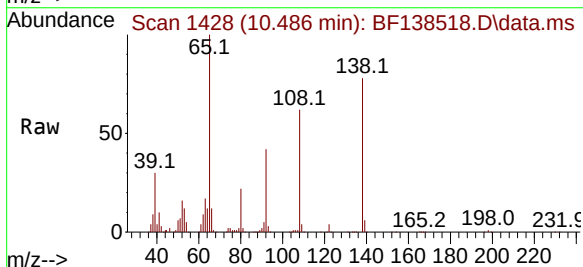
Instrument :
BNA_F
ClientSampleId :
PB161993BS

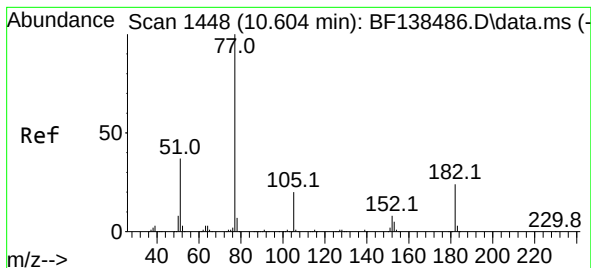
Tgt Ion:204 Resp: 379817
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 64.8 47.7 71.5



#62
4-Nitroaniline
Concen: 42.357 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:138 Resp: 189458
Ion Ratio Lower Upper
138 100
92 53.3 35.8 75.8
108 79.0 59.8 99.8





#63

Azobenzene

Concen: 44.007 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

Tgt Ion: 77 Resp: 862754

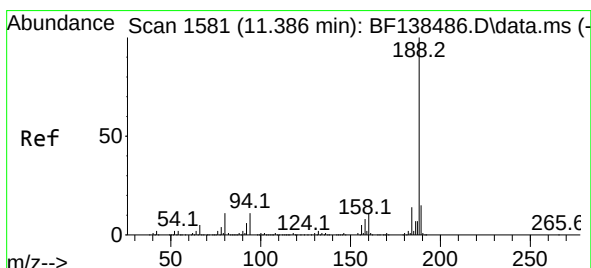
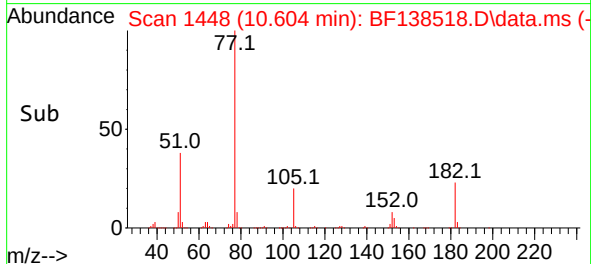
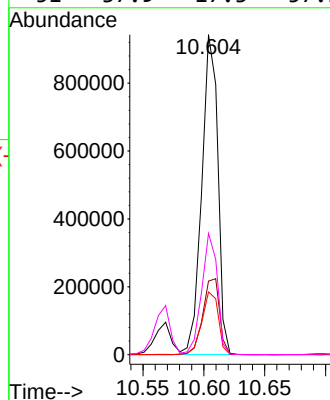
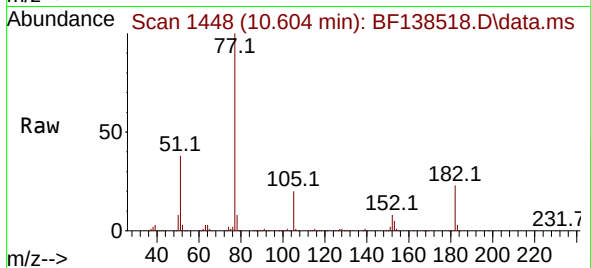
Ion Ratio Lower Upper

77 100

182 23.0 3.8 43.8

105 19.6 0.0 39.8

51 37.9 17.3 57.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1582

Delta R.T. 0.006 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

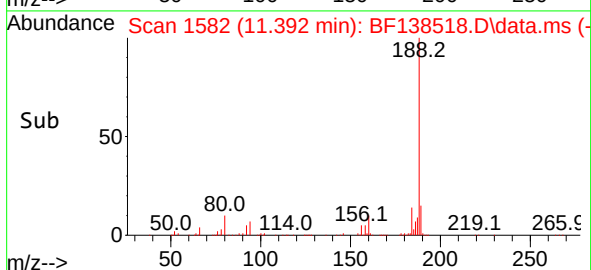
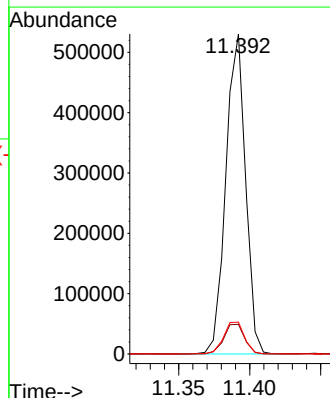
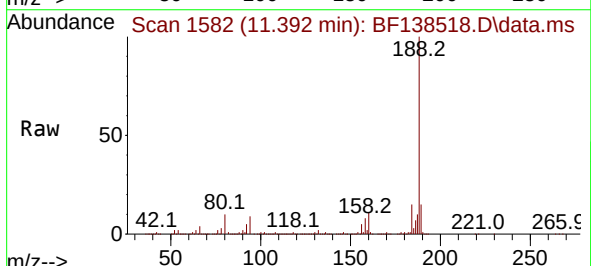
Tgt Ion: 188 Resp: 509310

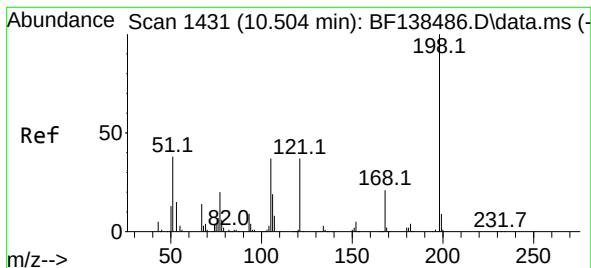
Ion Ratio Lower Upper

188 100

94 9.2 8.7 13.1

80 10.0 9.0 13.4

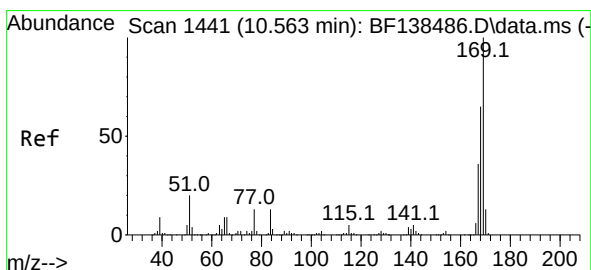
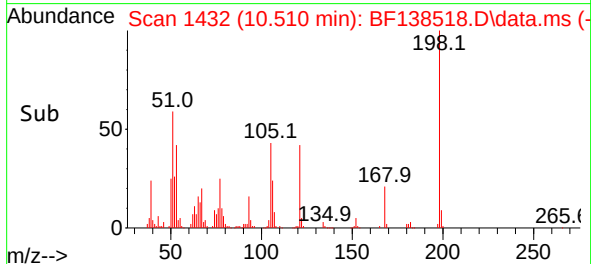
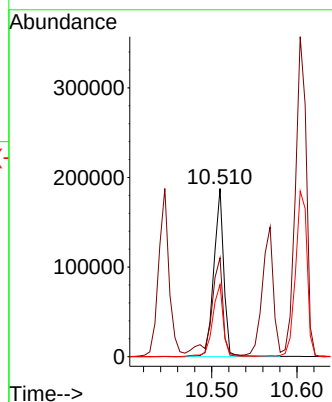
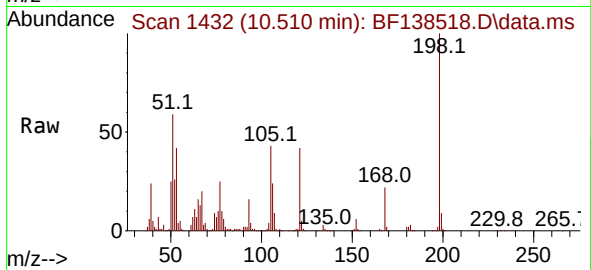




#65
4,6-Dinitro-2-methylphenol
Concen: 51.885 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

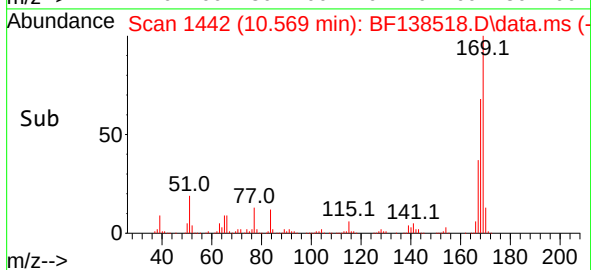
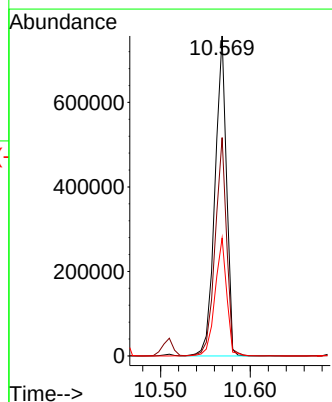
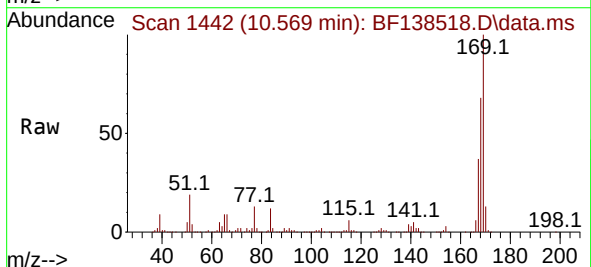
Instrument :
BNA_F
ClientSampleId :
PB161993BS

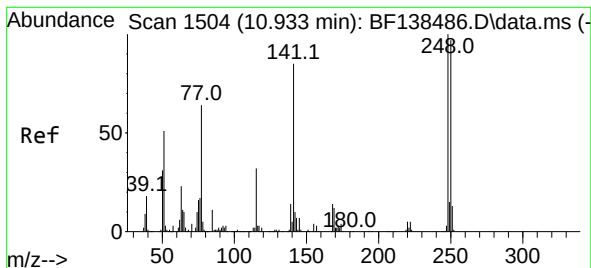
Tgt Ion:198 Resp: 152583
Ion Ratio Lower Upper
198 100
51 58.8 27.2 67.2
105 42.9 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 44.319 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:169 Resp: 676281
Ion Ratio Lower Upper
169 100
168 68.3 51.7 77.5
167 36.9 28.5 42.7

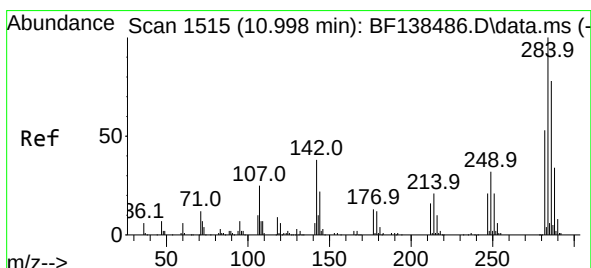
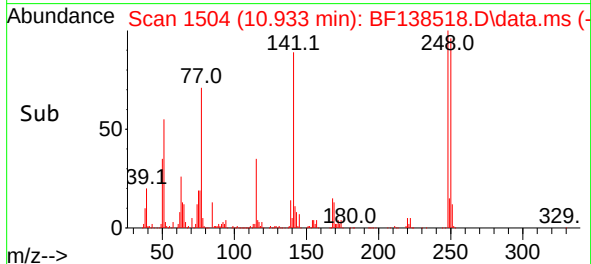
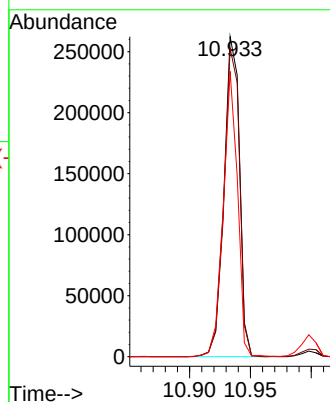
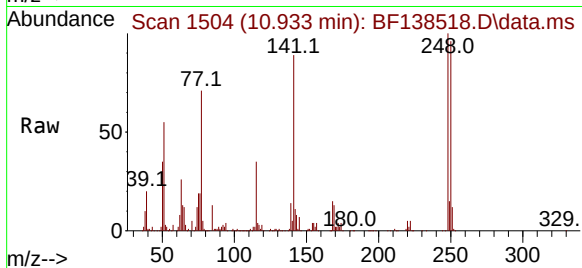




#67
4-Bromophenyl-phenylether
Concen: 44.684 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

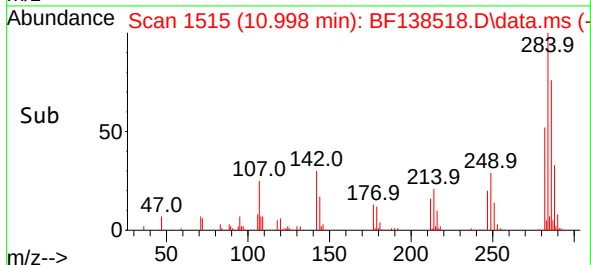
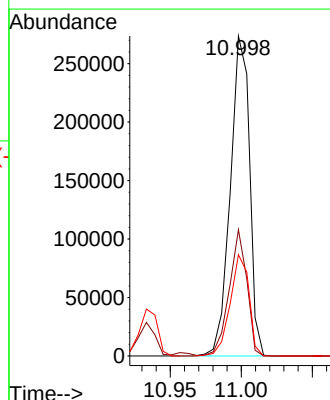
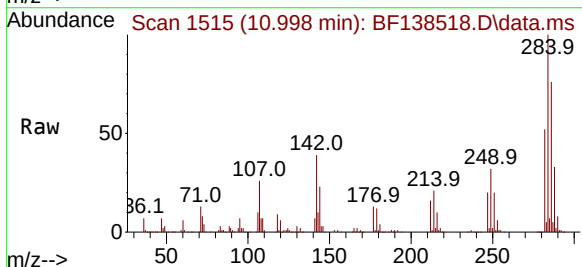
Instrument :
BNA_F
ClientSampleId :
PB161993BS

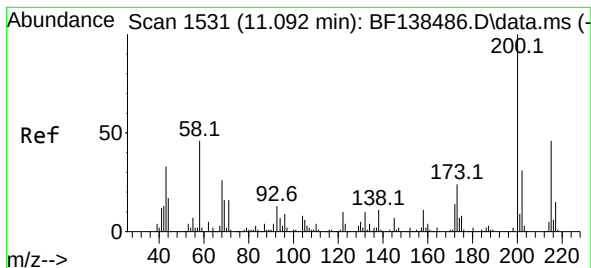
Tgt Ion:248 Resp: 233911
Ion Ratio Lower Upper
248 100
250 96.4 77.9 116.9
141 89.1 67.7 101.5



#68
Hexachlorobenzene
Concen: 44.372 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:284 Resp: 258044
Ion Ratio Lower Upper
284 100
142 39.4 30.5 45.7
249 31.7 25.9 38.9





#69

Atrazine

Concen: 40.519 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

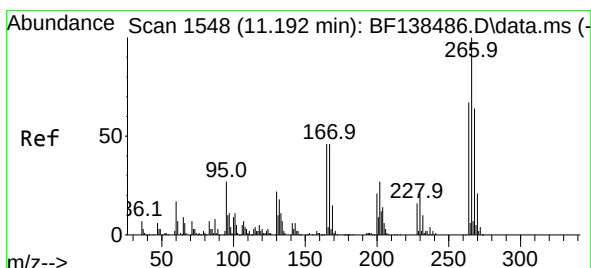
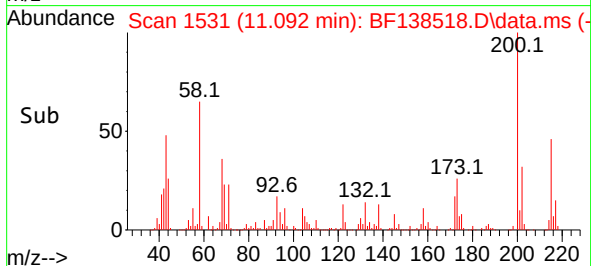
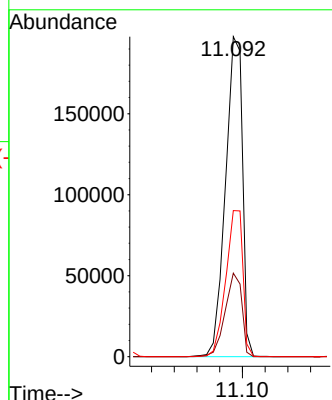
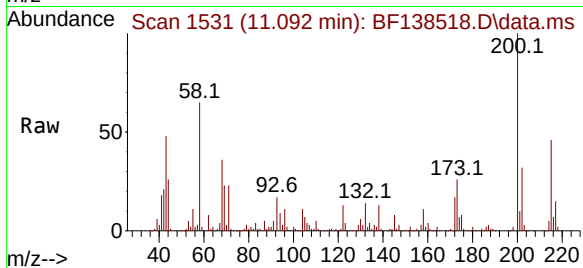
Tgt Ion:200 Resp: 204989

Ion Ratio Lower Upper

200 100

173 26.1 4.1 44.1

215 45.7 26.5 66.5



#70

Pentachlorophenol

Concen: 88.828 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

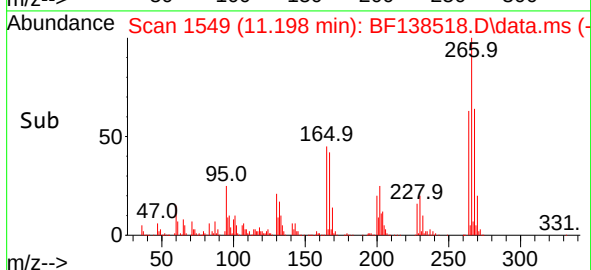
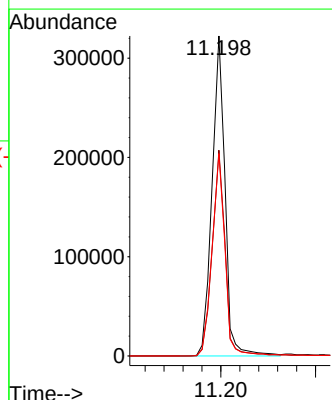
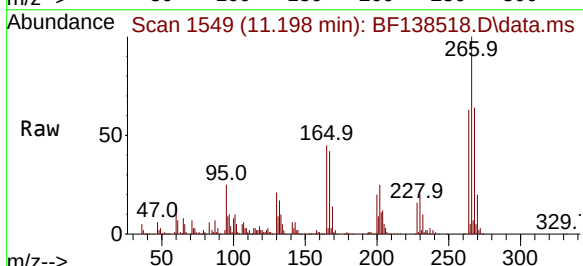
Tgt Ion:266 Resp: 305670

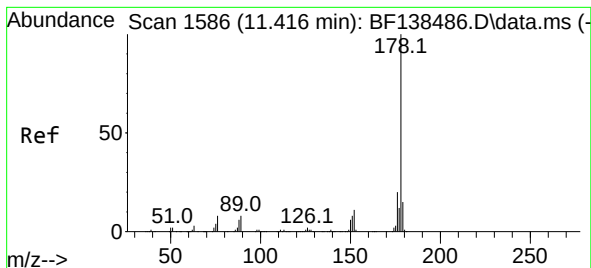
Ion Ratio Lower Upper

266 100

268 64.3 50.9 76.3

264 63.2 53.5 80.3





#71

Phenanthrene

Concen: 44.595 ng

RT: 11.416 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

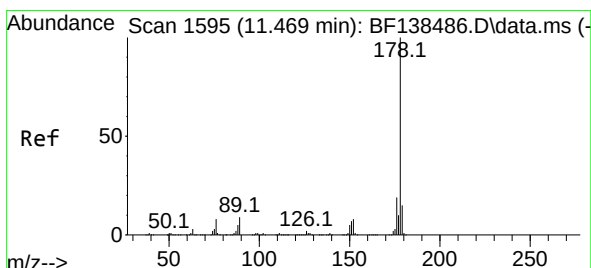
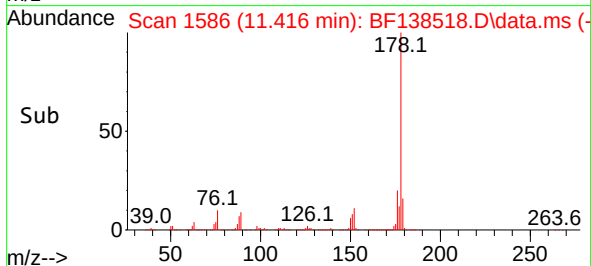
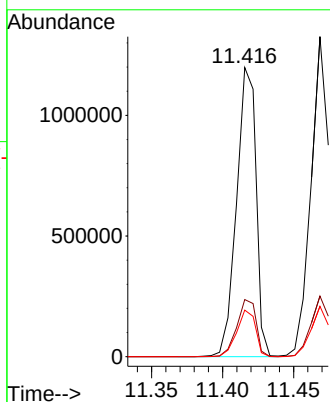
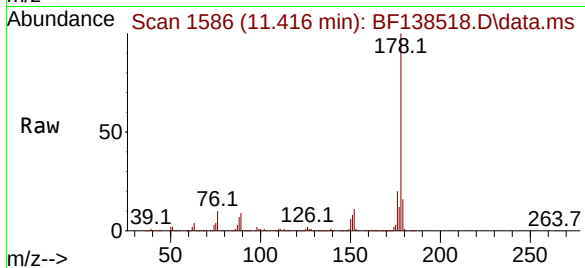
Tgt Ion:178 Resp: 1147458

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

179 16.1 12.2 18.2



#72

Anthracene

Concen: 45.365 ng

RT: 11.468 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

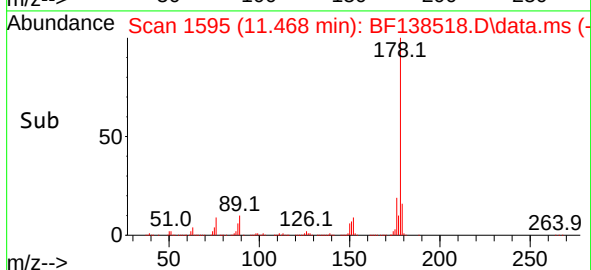
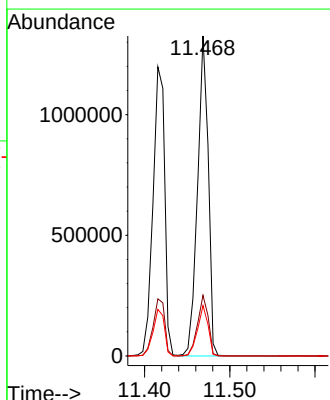
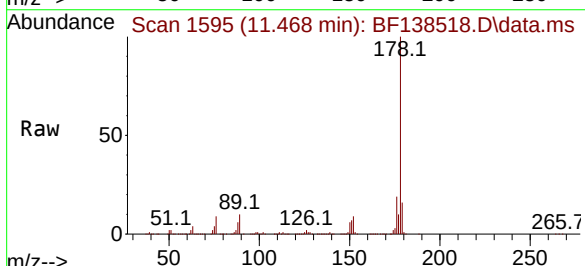
Tgt Ion:178 Resp: 1158721

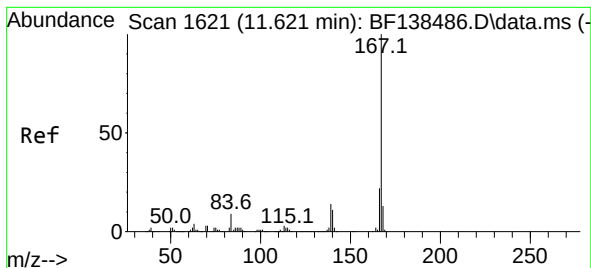
Ion Ratio Lower Upper

178 100

176 18.9 14.8 22.2

179 15.8 12.2 18.4





#73

Carbazole

Concen: 43.666 ng

RT: 11.621 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

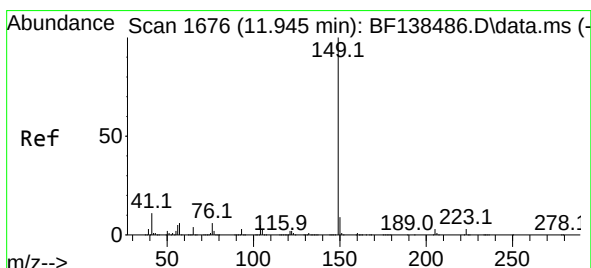
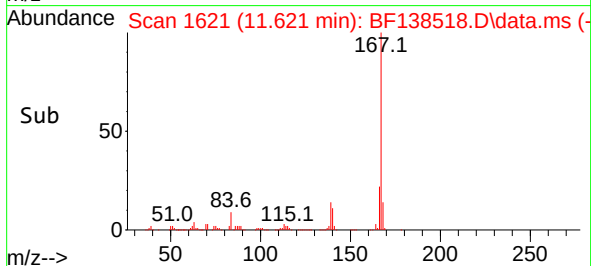
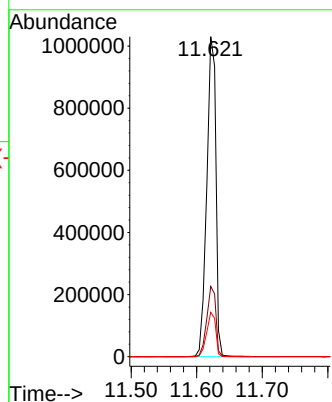
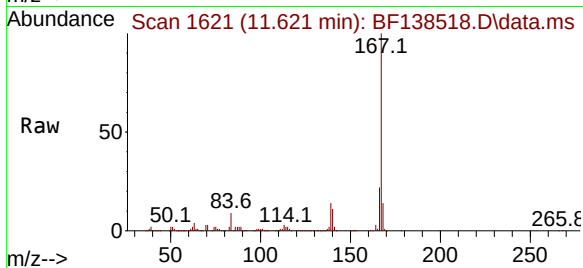
Tgt Ion:167 Resp: 1002307

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

139 13.8 11.0 16.4



#74

Di-n-butylphthalate

Concen: 46.179 ng

RT: 11.951 min Scan# 1677

Delta R.T. 0.006 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

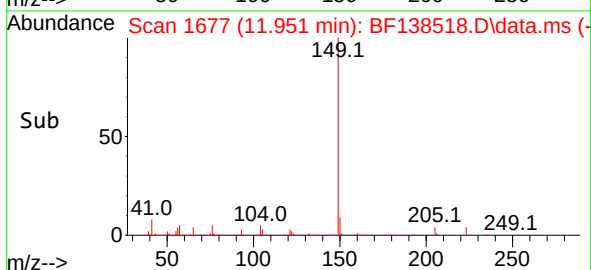
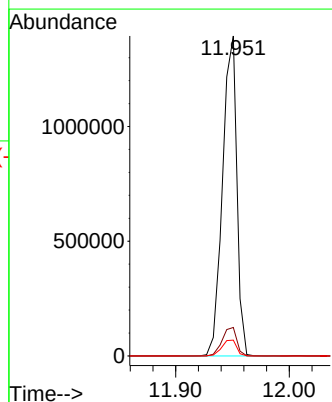
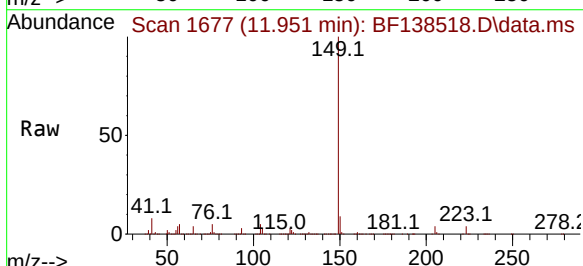
Tgt Ion:149 Resp: 1221805

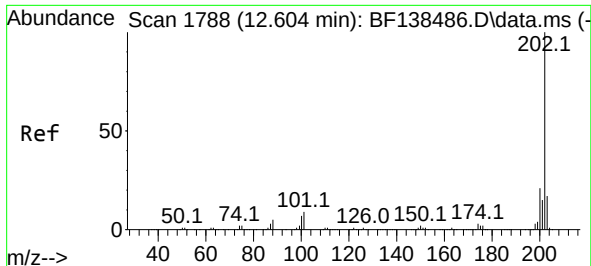
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 4.9 4.4 6.6

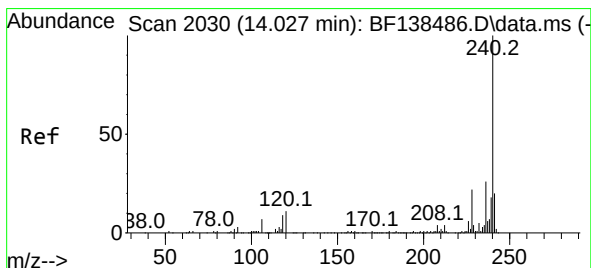
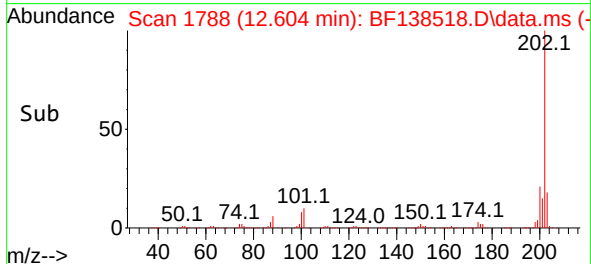
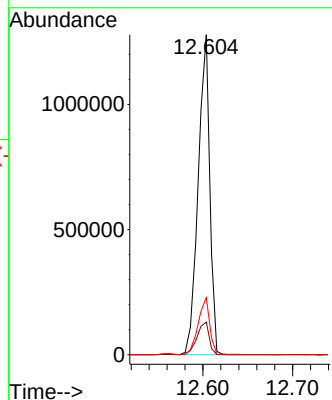
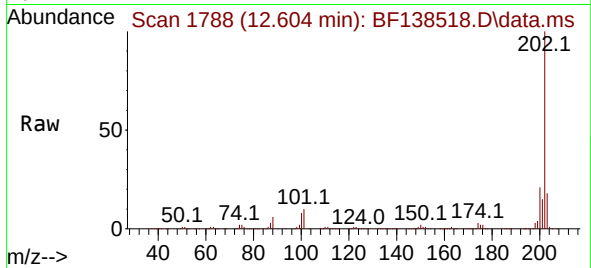




#75
Fluoranthene
Concen: 43.656 ng
RT: 12.604 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

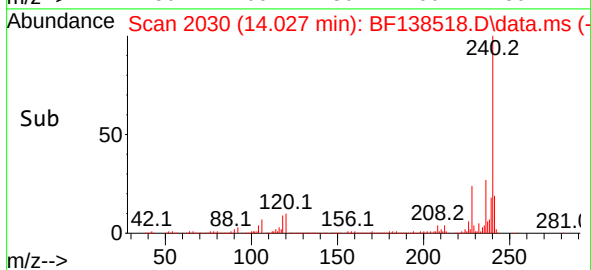
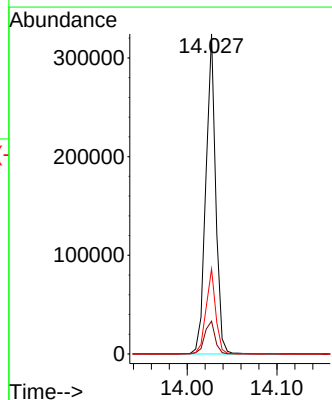
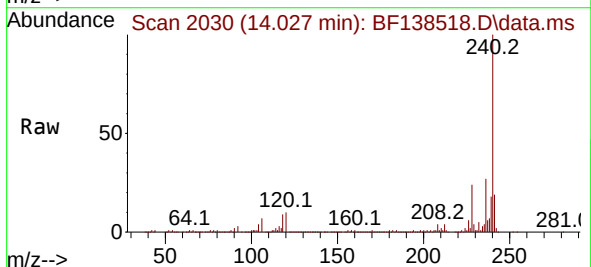
Instrument :
BNA_F
ClientSampleId :
PB161993BS

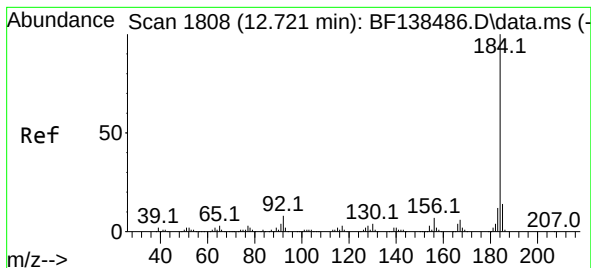
Tgt Ion:202 Resp: 1146220
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.2
203 17.8 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:240 Resp: 246232
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 26.6 21.0 31.6





#77

Benzidine

Concen: 8.407 ng

RT: 12.721 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

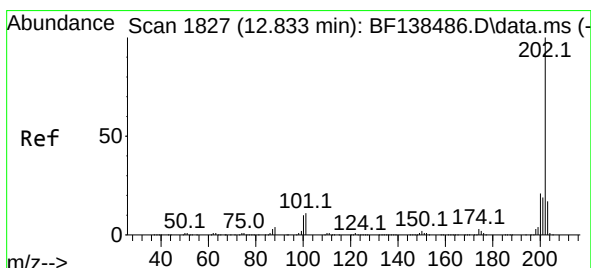
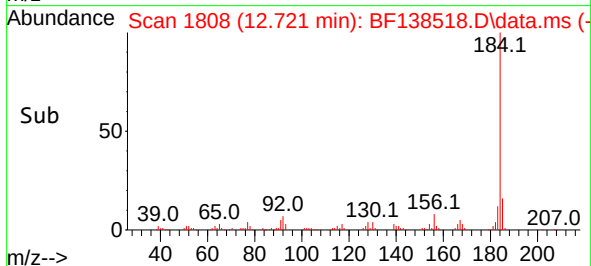
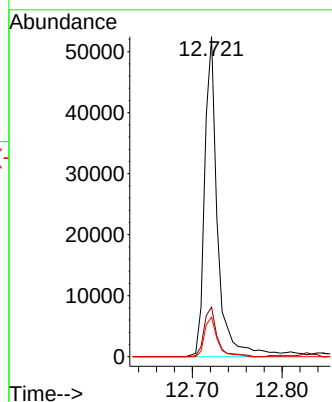
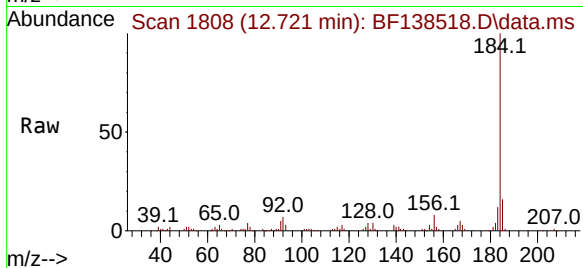
Tgt Ion:184 Resp: 52230

Ion Ratio Lower Upper

184 100

185 15.5 11.3 16.9

183 12.4 9.5 14.3



#78

Pyrene

Concen: 45.842 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

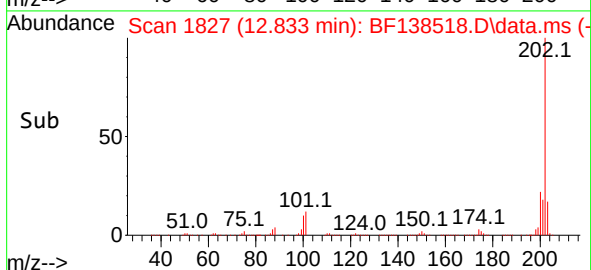
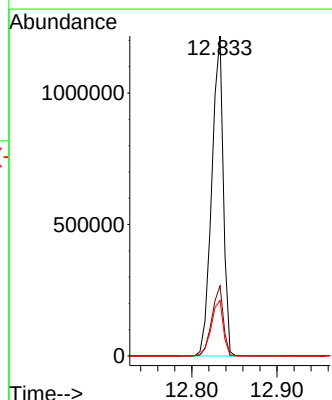
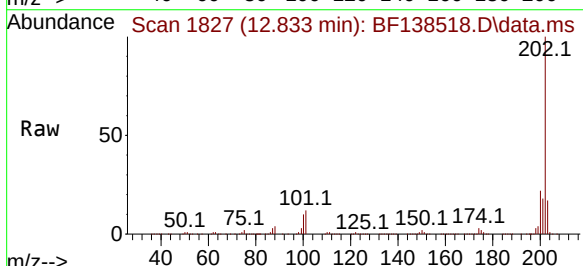
Tgt Ion:202 Resp: 1145873

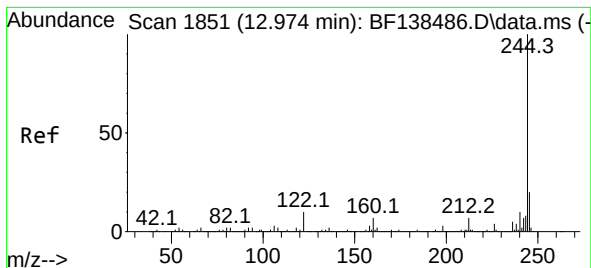
Ion Ratio Lower Upper

202 100

200 21.9 17.0 25.6

203 17.4 13.7 20.5





#79

Terphenyl-d14

Concen: 103.258 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

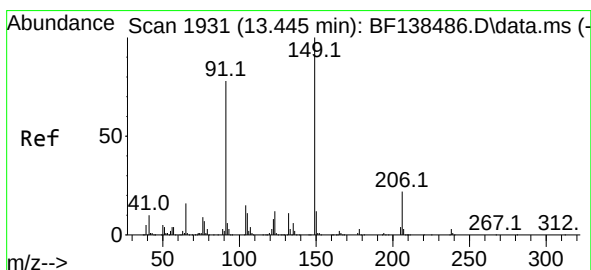
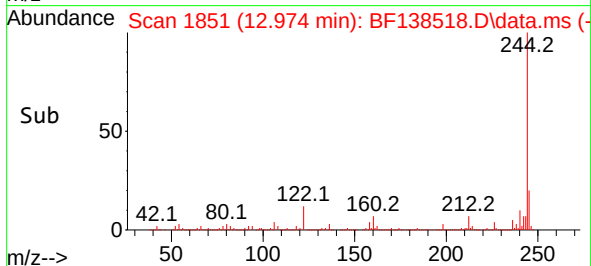
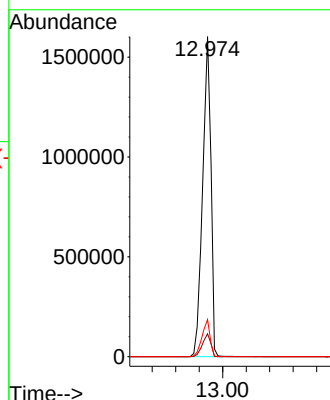
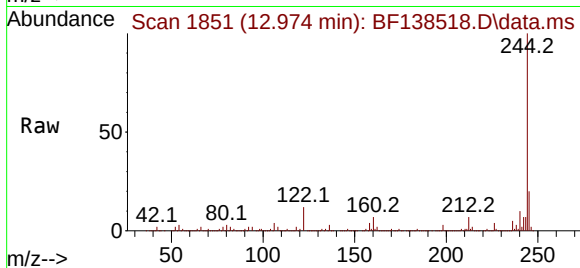
Tgt Ion:244 Resp: 1560689

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 11.6 7.8 11.8



#80

Butylbenzylphthalate

Concen: 51.609 ng

RT: 13.445 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

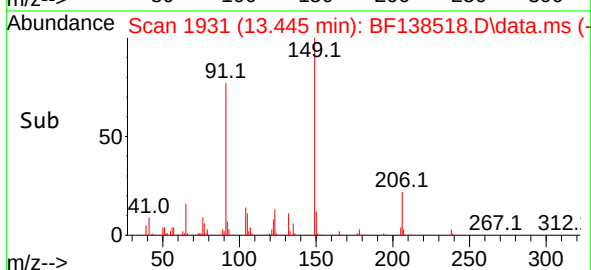
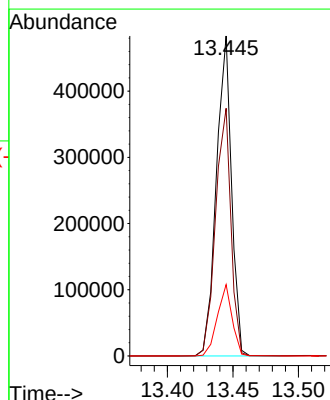
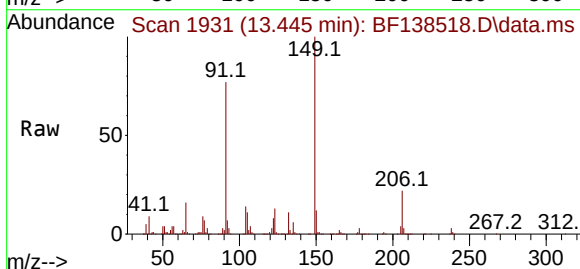
Tgt Ion:149 Resp: 388062

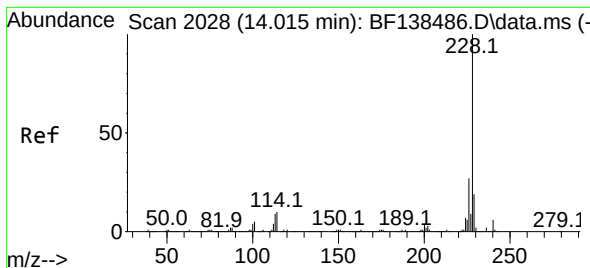
Ion Ratio Lower Upper

149 100

91 77.4 62.1 93.1

206 22.3 18.0 27.0





#81

Benzo(a)anthracene

Concen: 45.387 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

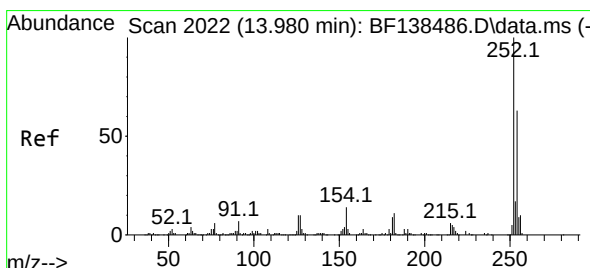
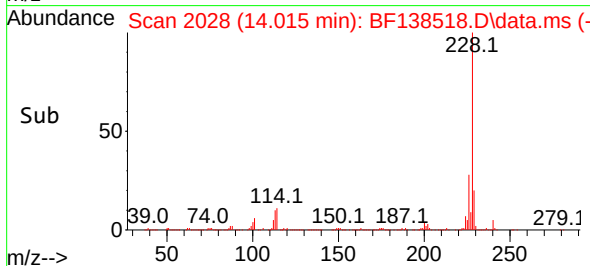
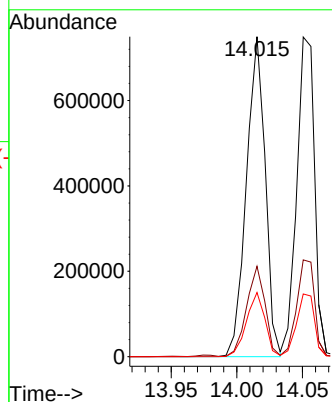
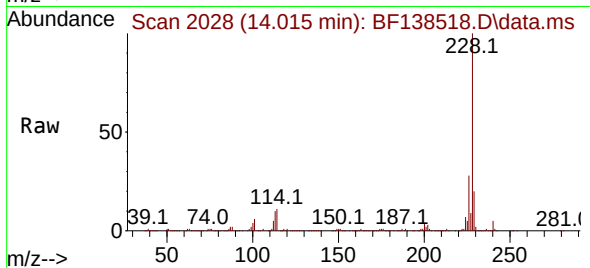
Tgt Ion:228 Resp: 749891

Ion Ratio Lower Upper

228 100

226 28.2 21.9 32.9

229 20.1 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 39.087 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

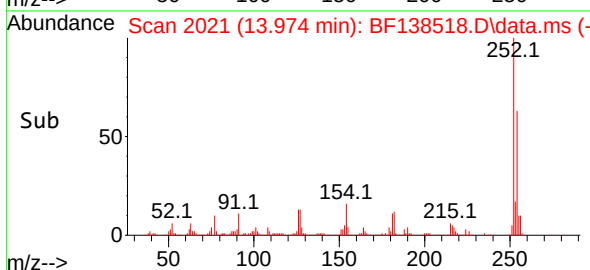
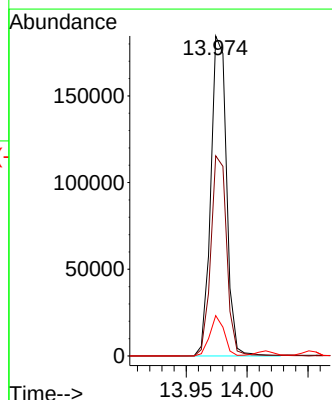
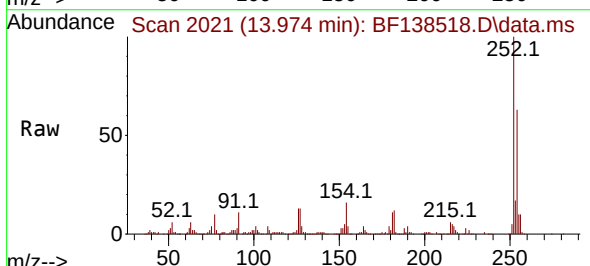
Tgt Ion:252 Resp: 166409

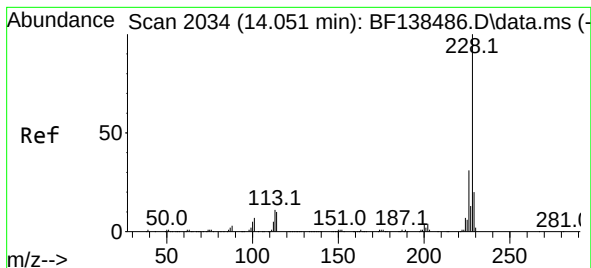
Ion Ratio Lower Upper

252 100

254 62.6 50.3 75.5

126 12.6 8.1 12.1#





#83

Chrysene

Concen: 45.421 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

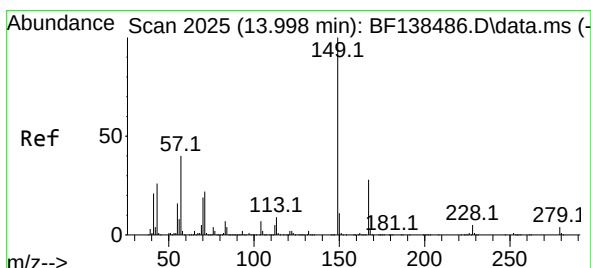
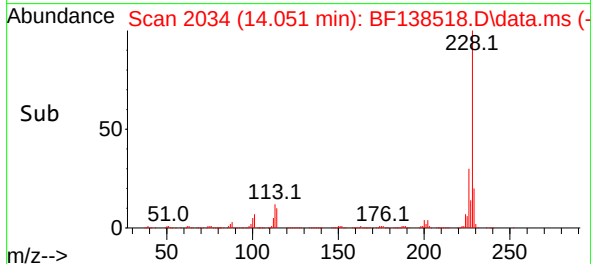
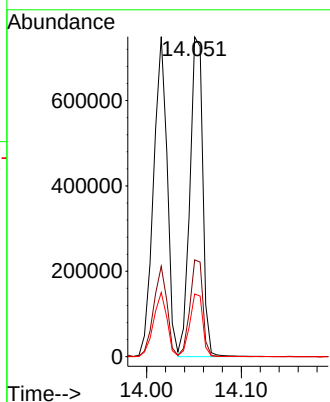
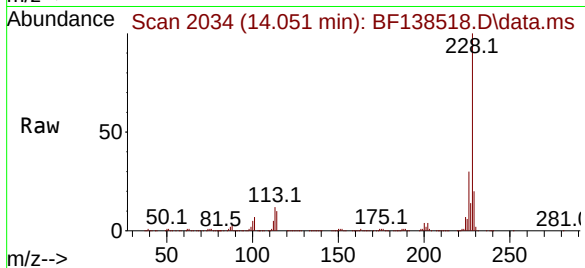
Tgt Ion:228 Resp: 709931

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.292 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

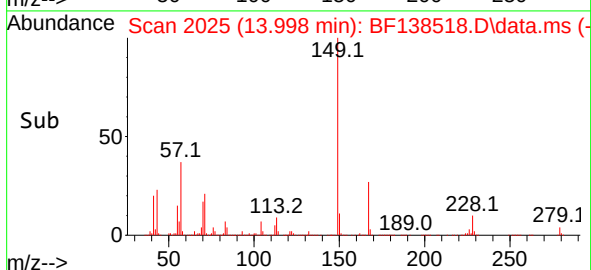
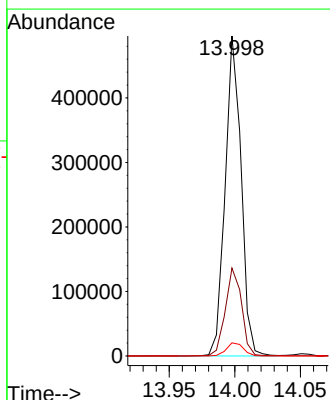
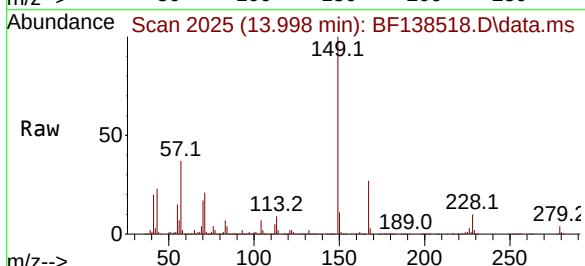
Tgt Ion:149 Resp: 419349

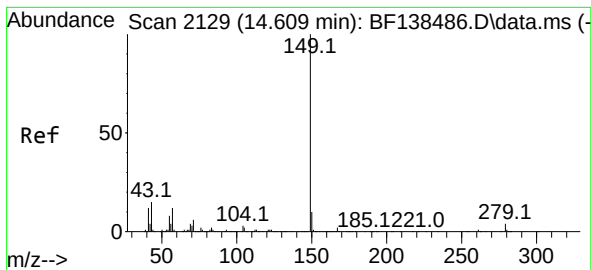
Ion Ratio Lower Upper

149 100

167 27.5 22.5 33.7

279 4.1 3.0 4.6

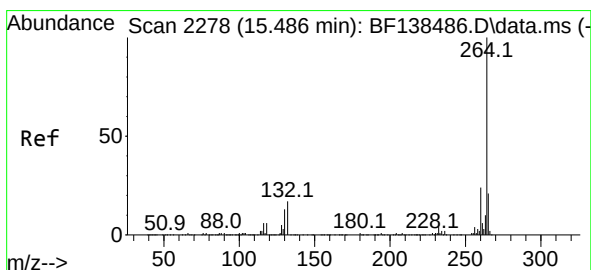
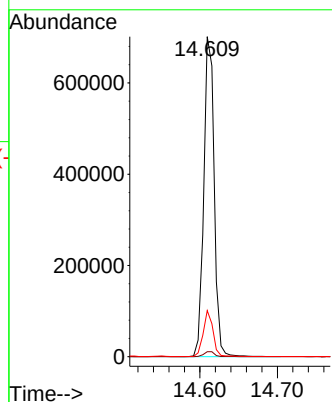
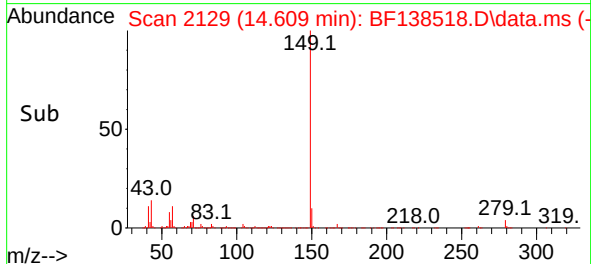
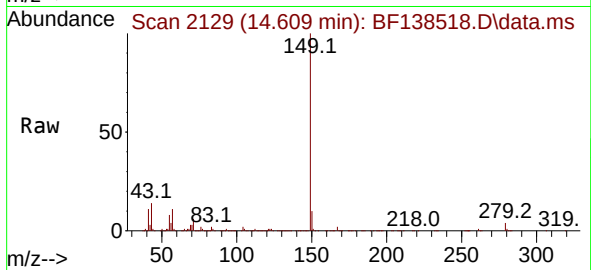




#85
Di-n-octyl phthalate
Concen: 51.686 ng
RT: 14.609 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

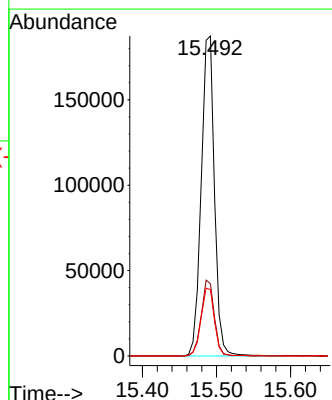
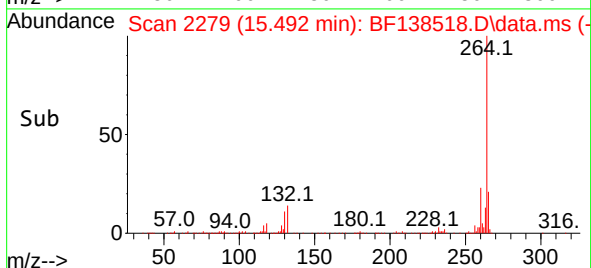
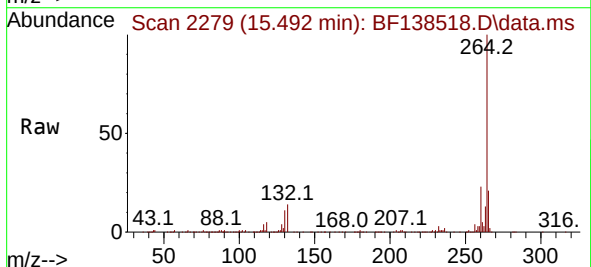
Instrument :
BNA_F
ClientSampleId :
PB161993BS

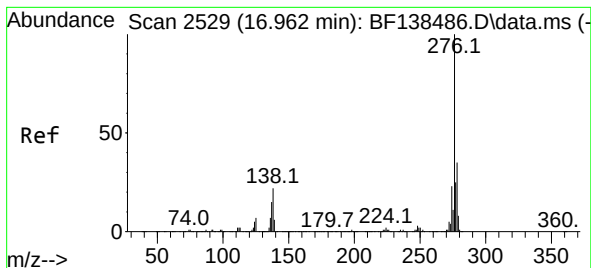
Tgt Ion:149 Resp: 654794
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 13.5 10.7 16.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:264 Resp: 233225
Ion Ratio Lower Upper
264 100
260 22.5 19.0 28.6
265 20.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.721 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

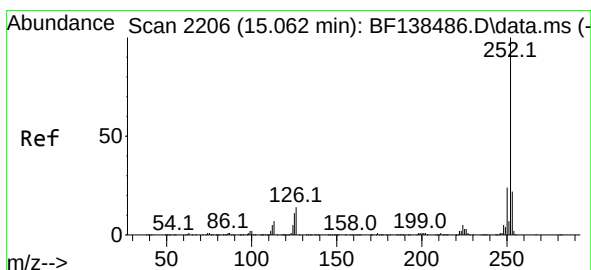
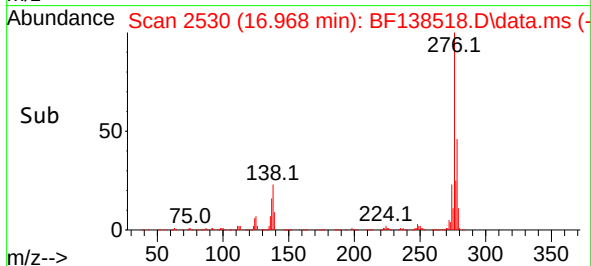
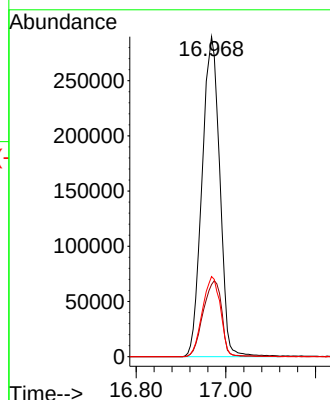
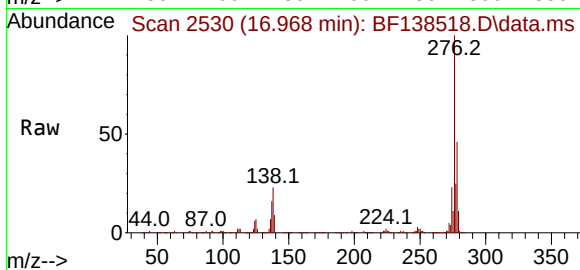
Tgt Ion:276 Resp: 794589

Ion Ratio Lower Upper

276 100

138 24.9 19.6 29.4

277 25.6 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 45.802 ng

RT: 15.062 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

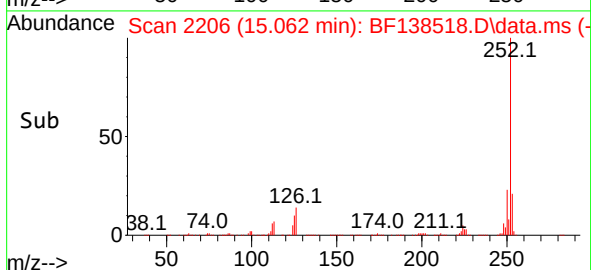
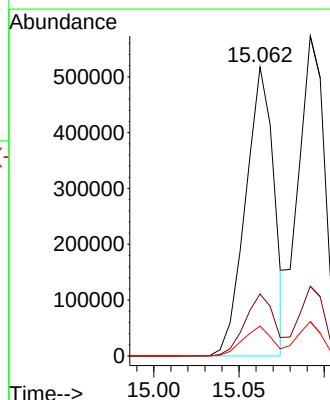
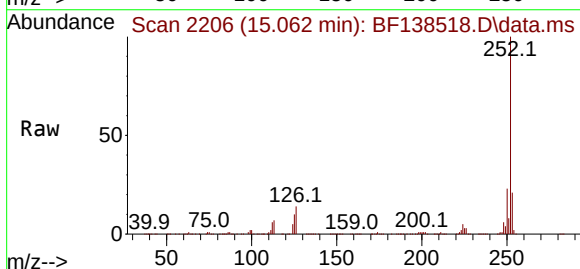
Tgt Ion:252 Resp: 601586

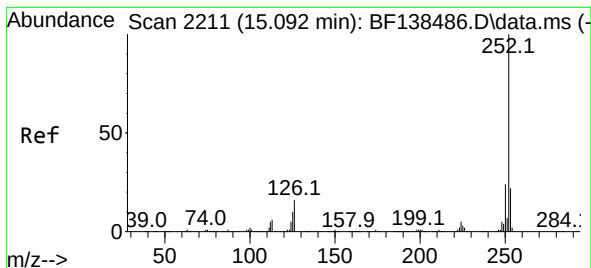
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 10.4 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 48.796 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

PB161993BS

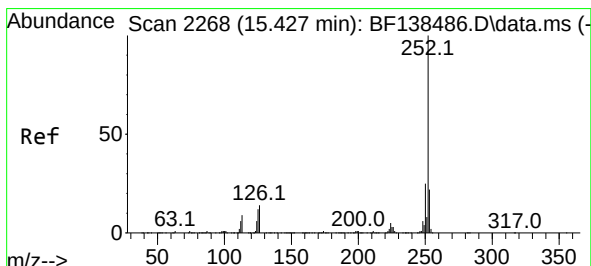
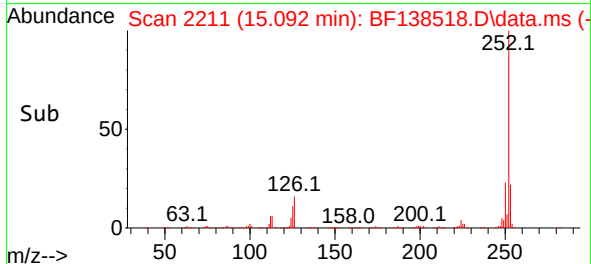
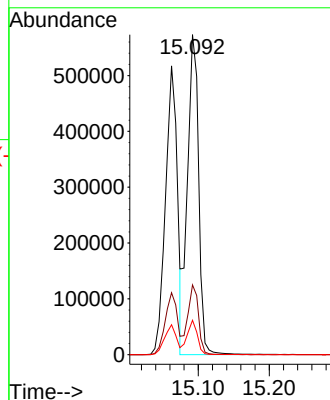
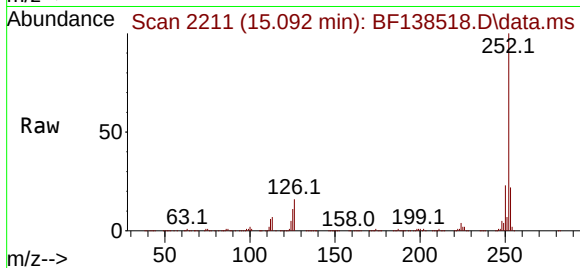
Tgt Ion:252 Resp: 625074

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.8 8.1 12.1



#90

Benzo(a)pyrene

Concen: 50.531 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF138518.D

Acq: 11 Jul 2024 12:27

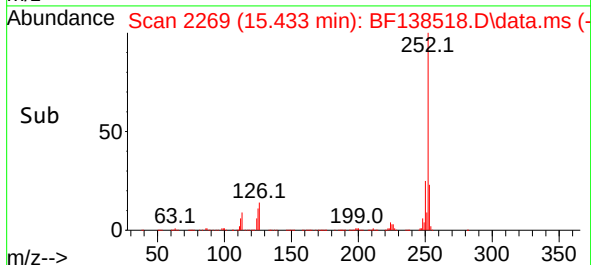
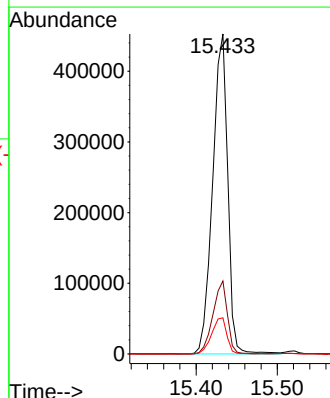
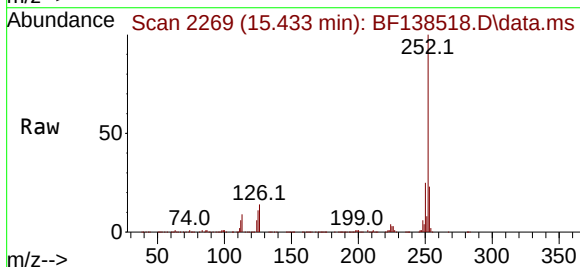
Tgt Ion:252 Resp: 583030

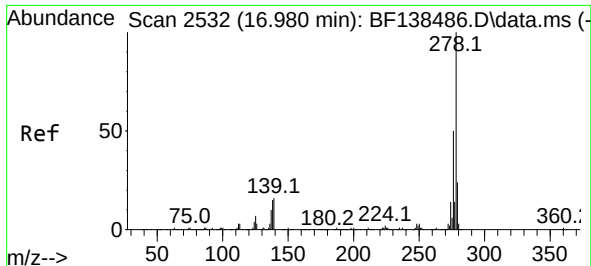
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 11.3 9.4 14.2

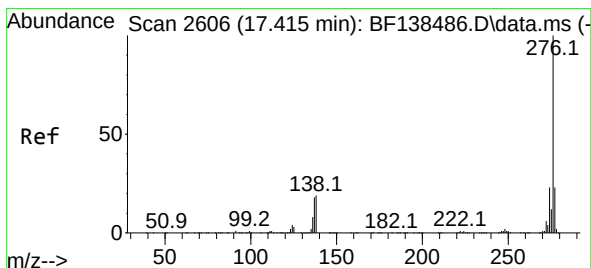
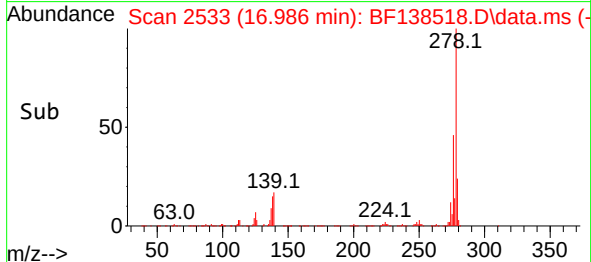
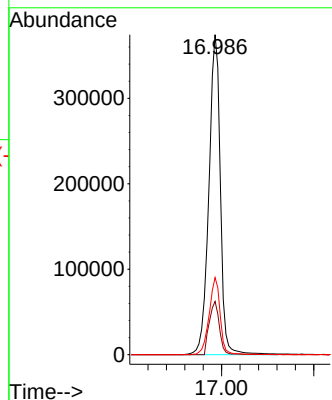
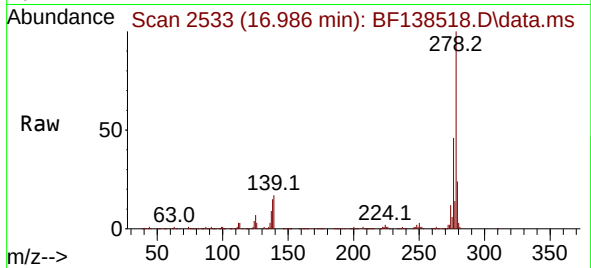




#91
Dibenzo(a,h)anthracene
Concen: 50.872 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Instrument :
BNA_F
ClientSampleId :
PB161993BS

Tgt Ion:278 Resp: 651907
Ion Ratio Lower Upper
278 100
139 16.6 12.8 19.2
279 24.1 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 46.624 ng
RT: 17.421 min Scan# 2607
Delta R.T. 0.006 min
Lab File: BF138518.D
Acq: 11 Jul 2024 12:27

Tgt Ion:276 Resp: 633563
Ion Ratio Lower Upper
276 100
277 23.0 18.0 27.0
138 20.8 15.5 23.3

