

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138614.D
 Acq On : 23 Jul 2024 12:55
 Operator : RC/JU
 Sample : PB162154BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162154BSD

Quant Time: Jul 23 13:17:36 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	6.851	152	89108	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	362675	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	196145	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	325879	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	155298	20.000	ng	-0.01
86) Perylene-d12	15.474	264	157089	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	699698	124.360	ng	0.00
7) Phenol-d6	6.498	99	937120	125.204	ng	0.00
23) Nitrobenzene-d5	7.422	82	618364	83.712	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	227014	123.837	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1033213	82.328	ng	-0.02
79) Terphenyl-d14	12.963	244	956281	100.316	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	90324	36.247	ng	97
3) Pyridine	3.475	79	248154	40.382	ng	96
4) n-Nitrosodimethylamine	3.440	42	178055	44.510	ng	91
6) Aniline	6.522	93	233946	33.371	ng	# 73
8) 2-Chlorophenol	6.645	128	282503	47.485	ng	99
9) Benzaldehyde	6.404	77	24693	6.164	ng	96
10) Phenol	6.510	94	364668	45.901	ng	90
11) bis(2-Chloroethyl)ether	6.593	93	282011	47.147	ng	99
12) 1,3-Dichlorobenzene	6.792	146	291566	43.600	ng	97
13) 1,4-Dichlorobenzene	6.875	146	294306	43.339	ng	98
14) 1,2-Dichlorobenzene	7.022	146	281449	44.499	ng	97
15) Benzyl Alcohol	6.998	79	263103	46.840	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	510449	43.395	ng	84
17) 2-Methylphenol	7.116	107	228138	46.790	ng	# 90
18) Hexachloroethane	7.363	117	112783	45.177	ng	95
19) n-Nitroso-di-n-propyla...	7.269	70	215629	46.624	ng	95
20) 3+4-Methylphenols	7.269	107	286544	46.669	ng	90
22) Acetophenone	7.263	105	362944	41.205	ng	99
24) Nitrobenzene	7.439	77	325876	43.412	ng	97
25) Isophorone	7.675	82	585799	46.179	ng	99
26) 2-Nitrophenol	7.751	139	151568	47.110	ng	94
27) 2,4-Dimethylphenol	7.792	122	205439	51.953	ng	98
28) bis(2-Chloroethoxy)met...	7.887	93	344867	45.489	ng	99
29) 2,4-Dichlorophenol	7.998	162	226661	44.140	ng	97
30) 1,2,4-Trichlorobenzene	8.075	180	246716	41.243	ng	98
31) Naphthalene	8.157	128	823046	43.635	ng	100
32) Benzoic acid	7.928	122	135048	35.808	ng	98
33) 4-Chloroaniline	8.204	127	128806	19.463	ng	99
34) Hexachlorobutadiene	8.269	225	145452	39.486	ng	99
35) Caprolactam	8.581	113	38695	23.352	ng	99
36) 4-Chloro-3-methylphenol	8.698	107	258820	45.022	ng	100
37) 2-Methylnaphthalene	8.851	142	530498	43.705	ng	100
38) 1-Methylnaphthalene	8.951	142	491871	41.521	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	215447	39.411	ng	98
41) Hexachlorocyclopentadiene	8.998	237	207163	116.752	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	148448	42.571	ng	98

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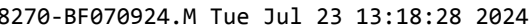
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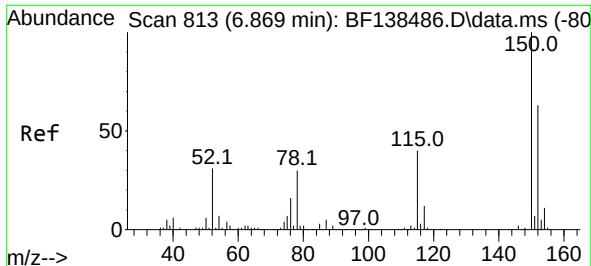
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	156763	40.873	ng	94
46) 1,1'-Biphenyl	9.316	154	614897	41.366	ng	99
47) 2-Chloronaphthalene	9.339	162	486363	43.310	ng	99
48) 2-Nitroaniline	9.439	65	180991	46.510	ng	98
49) Acenaphthylene	9.757	152	770016	48.297	ng	99
50) Dimethylphthalate	9.616	163	569605	44.910	ng	100
51) 2,6-Dinitrotoluene	9.681	165	125929	43.123	ng	90
52) Acenaphthene	9.928	154	481851	45.466	ng	99
53) 3-Nitroaniline	9.845	138	79839	26.675	ng	88
54) 2,4-Dinitrophenol	9.957	184	119447	76.434	ng	97
55) Dibenzofuran	10.098	168	674409	43.873	ng	99
56) 4-Nitrophenol	10.022	139	176098	79.738	ng	98
57) 2,4-Dinitrotoluene	10.086	165	167844	44.422	ng	94
58) Fluorene	10.439	166	532433	43.774	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	131157	43.330	ng	96
60) Diethylphthalate	10.316	149	543629	44.461	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	254847	41.726	ng	95
62) 4-Nitroaniline	10.463	138	124479	41.503	ng	100
63) Azobenzene	10.592	77	598825	45.553	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	91998	48.892	ng	80
66) n-Nitrosodiphenylamine	10.551	169	456581	46.764	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	151026	45.090	ng	100
68) Hexachlorobenzene	10.986	284	167192	44.933	ng	97
69) Atrazine	11.080	200	139617	43.131	ng	97
70) Pentachlorophenol	11.186	266	170009	77.214	ng	97
71) Phenanthrene	11.404	178	755589	45.894	ng	99
72) Anthracene	11.457	178	773763	47.346	ng	100
73) Carbazole	11.610	167	665546	45.316	ng	99
74) Di-n-butylphthalate	11.933	149	789592	46.641	ng	100
75) Fluoranthene	12.586	202	732104	43.579	ng	97
77) Benzidine	12.710	184	128642	32.832	ng	99
78) Pyrene	12.822	202	722017	45.799	ng	100
80) Butylbenzylphthalate	13.433	149	249997	52.716	ng	97
81) Benzo(a)anthracene	14.004	228	493326	47.342	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	88796	33.070	ng	# 98
83) Chrysene	14.039	228	443288	44.968	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	271577	53.695	ng	100
85) Di-n-octyl phthalate	14.598	149	384380	48.107	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	517412	49.036	ng	99
88) Benzo(b)fluoranthene	15.051	252	399018	45.103	ng	99
89) Benzo(k)fluoranthene	15.080	252	387456	44.906	ng	99
90) Benzo(a)pyrene	15.415	252	376265	48.416	ng	100
91) Dibenzo(a,h)anthracene	16.962	278	408310	47.305	ng	100
92) Benzo(g,h,i)perylene	17.392	276	403690	44.106	ng	97

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

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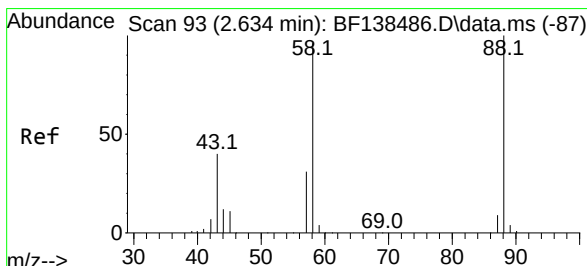
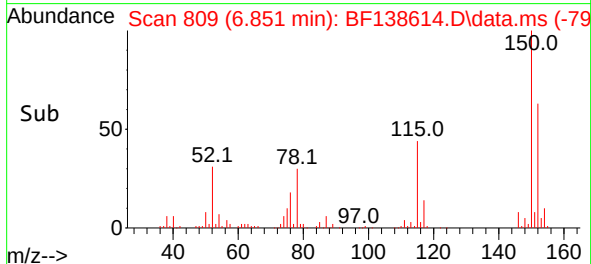
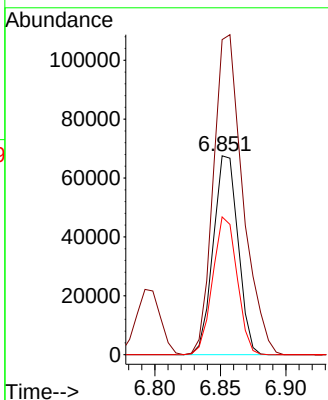
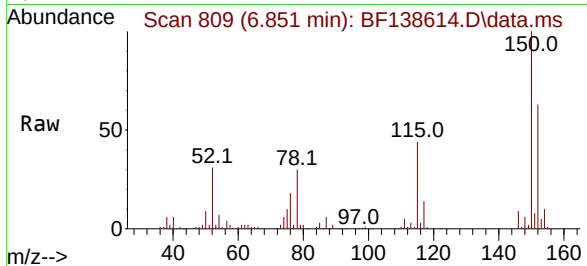




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BF138614.D
 Acq: 23 Jul 2024 12:55

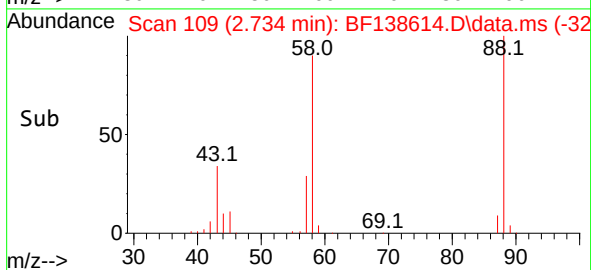
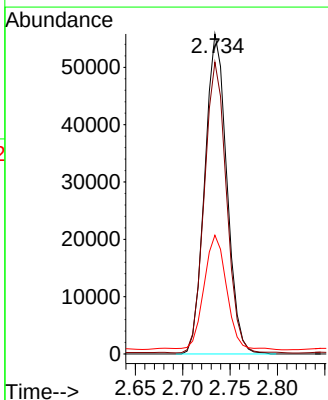
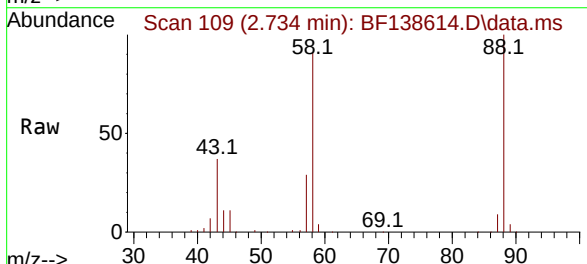
Instrument :
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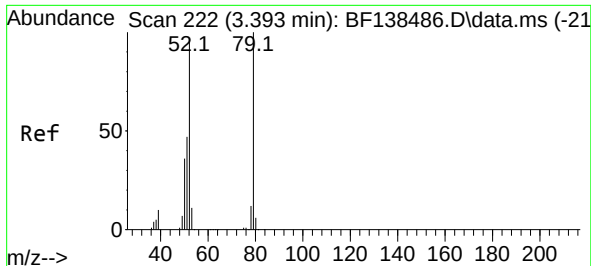
Tgt Ion:152 Resp: 89108
 Ion Ratio Lower Upper
 152 100
 150 158.4 126.2 189.4
 115 69.3 50.3 75.5



#2
 1,4-Dioxane
 Concen: 36.247 ng
 RT: 2.734 min Scan# 109
 Delta R.T. 0.100 min
 Lab File: BF138614.D
 Acq: 23 Jul 2024 12:55

Tgt Ion: 88 Resp: 90324
 Ion Ratio Lower Upper
 88 100
 58 91.2 74.6 112.0
 43 36.8 31.8 47.6





#3

Pyridine

Concen: 40.382 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.083 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

Instrument :

BNA_F

ClientSampleId :

PB162154BSD

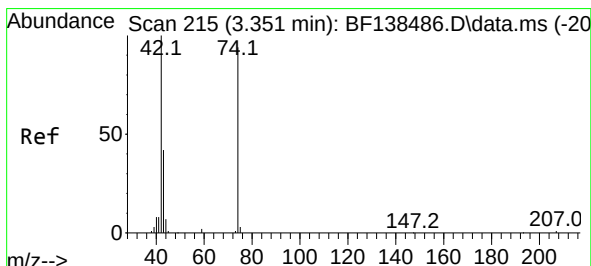
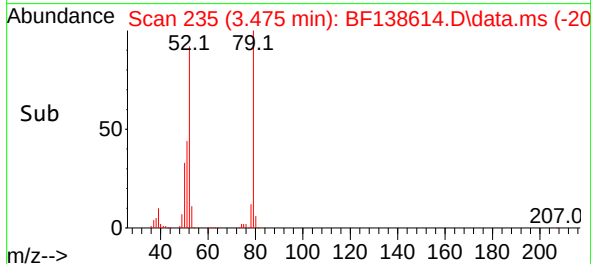
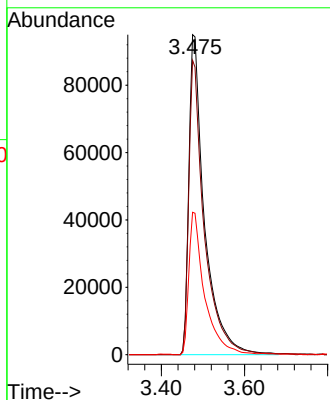
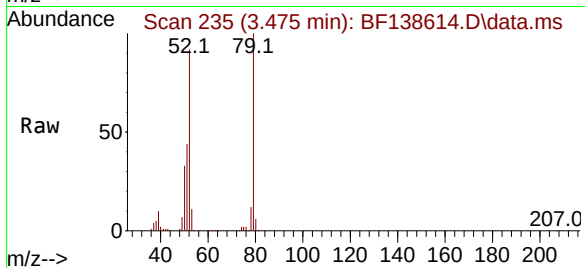
Tgt Ion: 79 Resp: 248154

Ion Ratio Lower Upper

79 100

52 91.9 77.4 116.2

51 44.5 37.4 56.0



#4

n-Nitrosodimethylamine

Concen: 44.510 ng

RT: 3.440 min Scan# 229

Delta R.T. 0.088 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

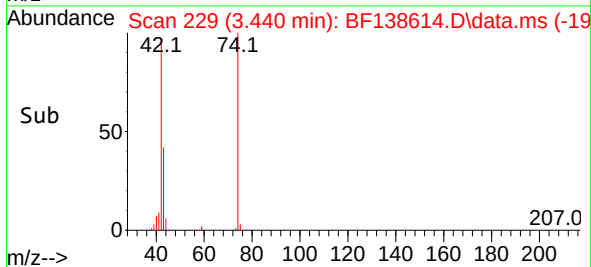
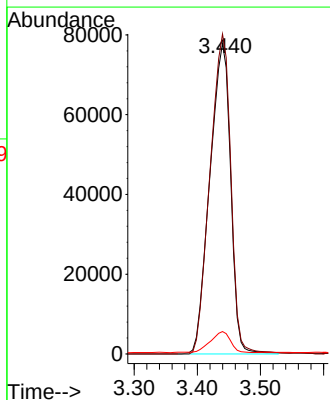
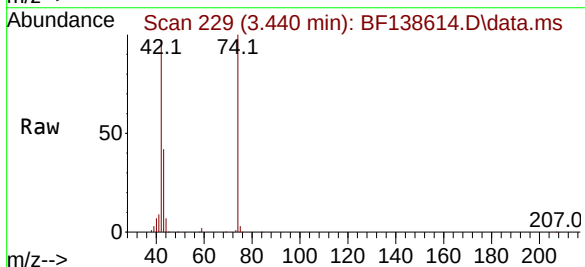
Tgt Ion: 42 Resp: 178055

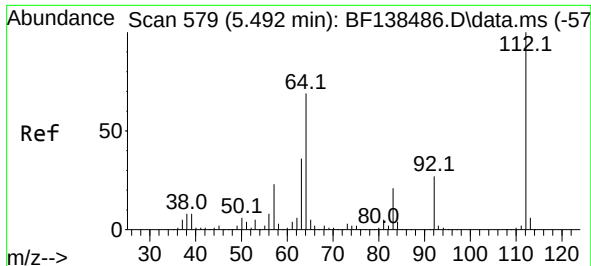
Ion Ratio Lower Upper

42 100

74 103.0 75.0 112.6

44 7.2 5.4 8.2

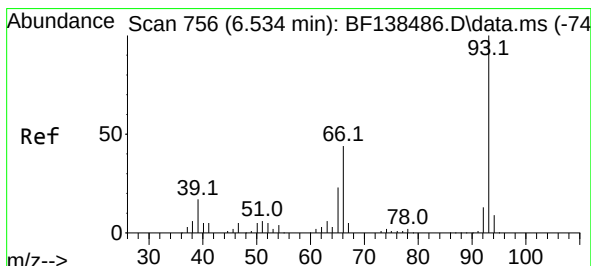
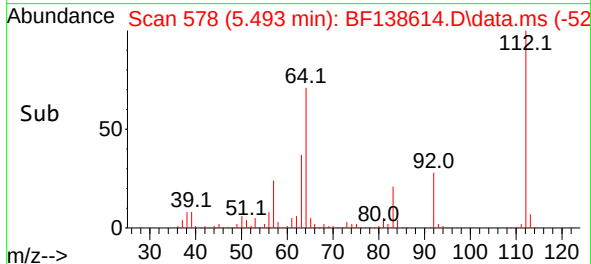
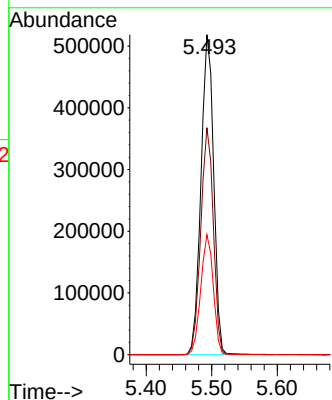
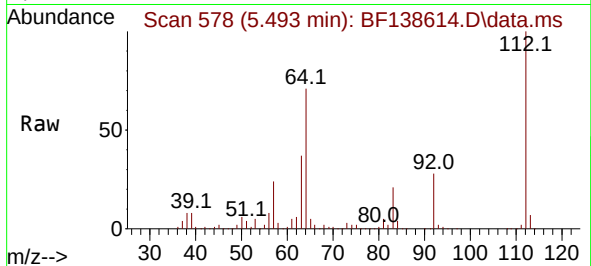




#5
2-Fluorophenol
Concen: 124.360 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

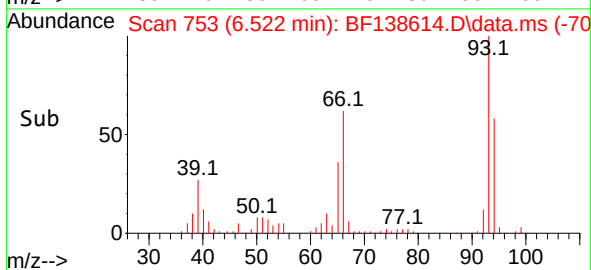
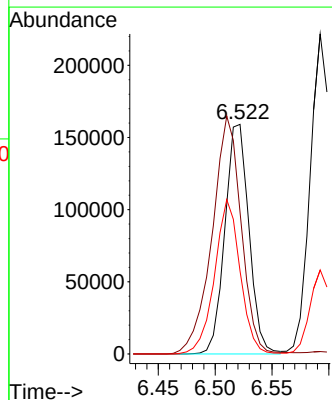
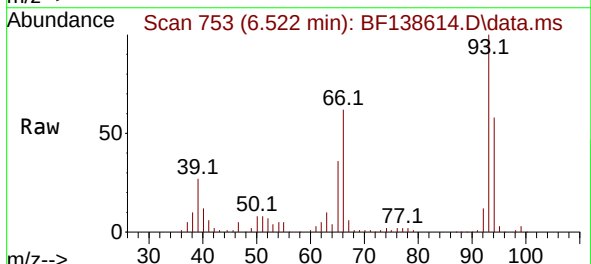
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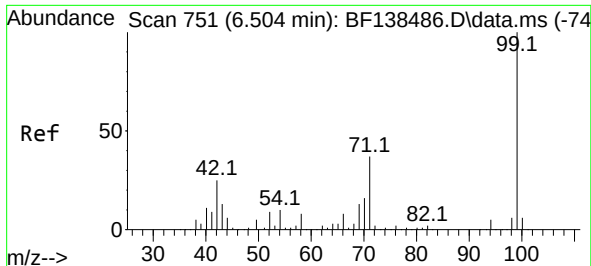
Tgt Ion:112 Resp: 699698
Ion Ratio Lower Upper
112 100
64 71.0 55.1 82.7
63 37.5 29.0 43.6



#6
Aniline
Concen: 33.371 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion: 93 Resp: 233946
Ion Ratio Lower Upper
93 100
66 61.7 35.4 53.0#
65 36.1 18.6 27.8#

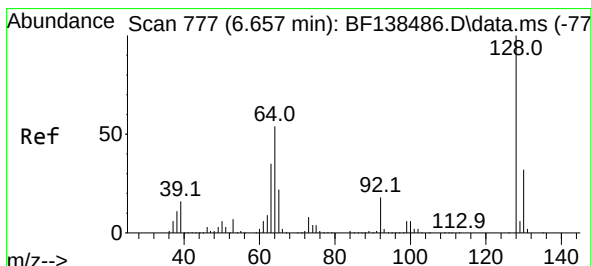
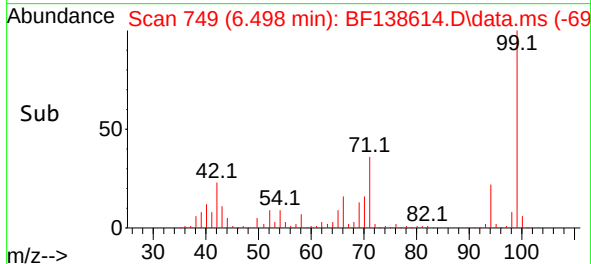
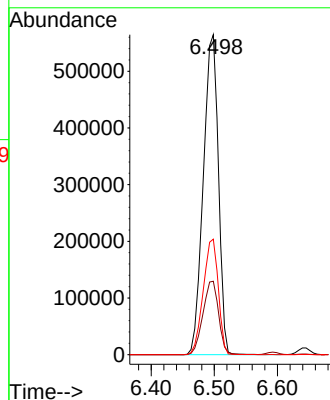
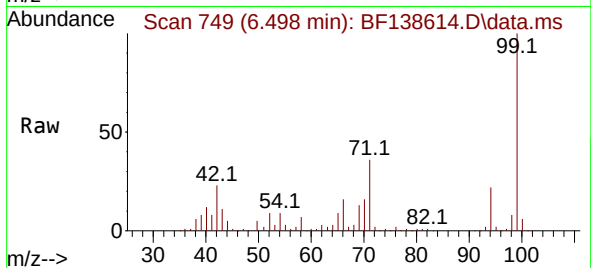




#7
Phenol-d6
Concen: 125.204 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

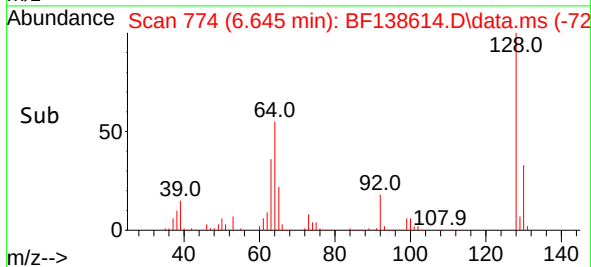
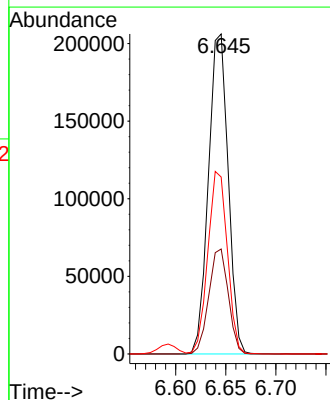
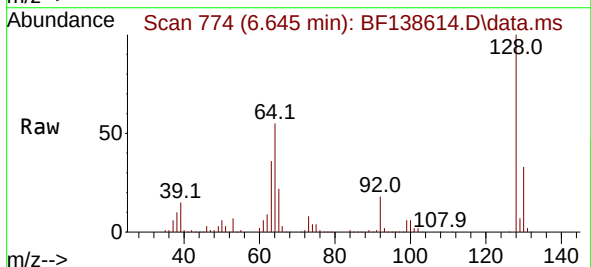
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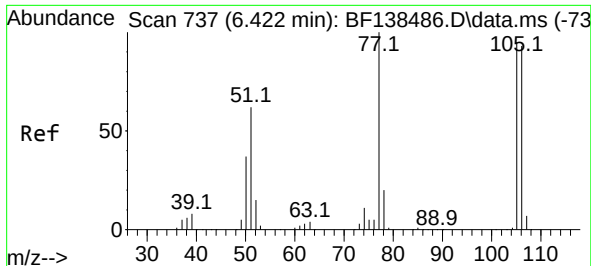
Tgt Ion: 99 Resp: 937120
Ion Ratio Lower Upper
99 100
42 23.0 19.7 29.5
71 36.1 29.9 44.9



#8
2-Chlorophenol
Concen: 47.485 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion:128 Resp: 282503
Ion Ratio Lower Upper
128 100
130 32.8 12.1 52.1
64 55.3 34.4 74.4





#9

Benzaldehyde

Concen: 6.164 ng

RT: 6.404 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

Instrument :

BNA_F

ClientSampleId :

PB162154BSD

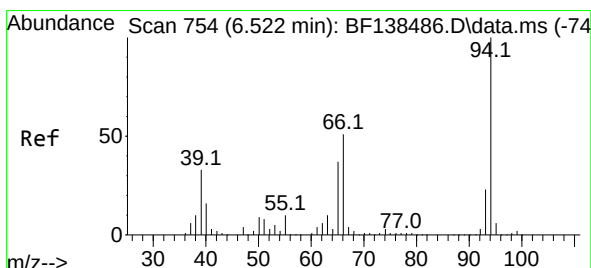
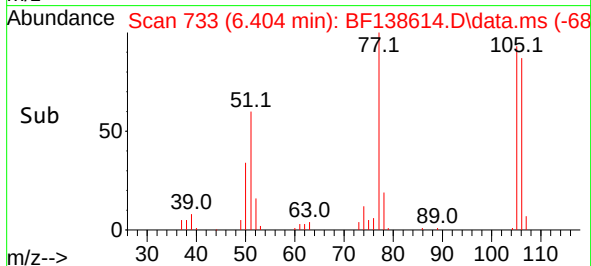
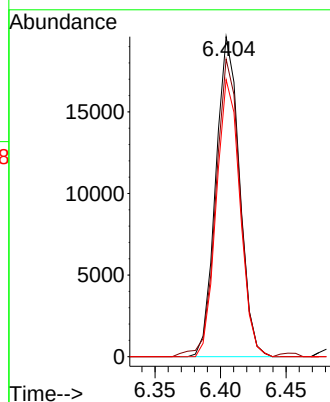
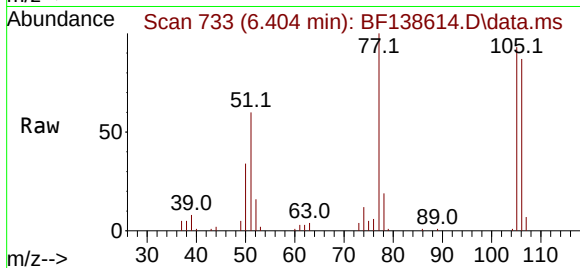
Tgt Ion: 77 Resp: 24693

Ion Ratio Lower Upper

77 100

105 93.0 75.1 115.1

106 86.6 73.2 113.2



#10

Phenol

Concen: 45.901 ng

RT: 6.510 min Scan# 751

Delta R.T. -0.012 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

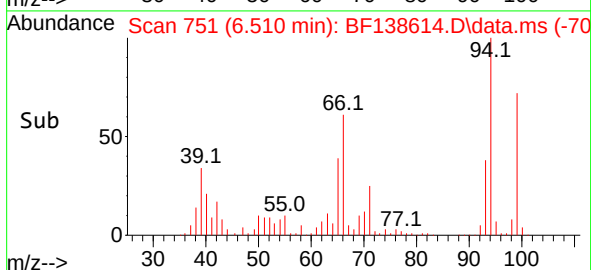
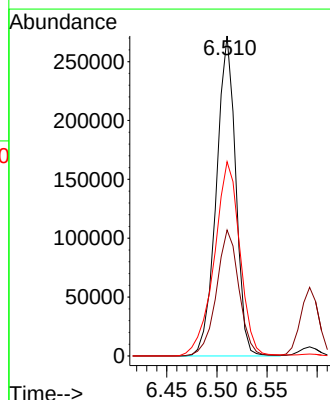
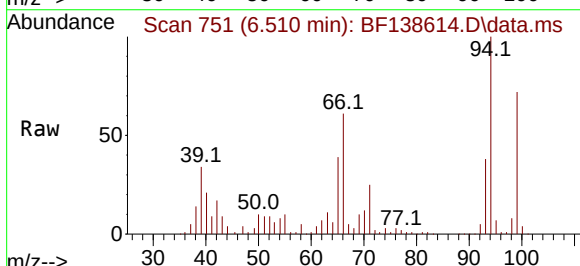
Tgt Ion: 94 Resp: 364668

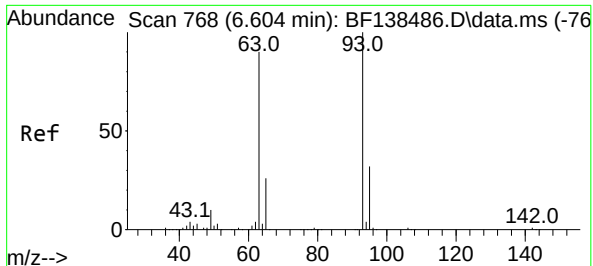
Ion Ratio Lower Upper

94 100

65 39.4 16.7 56.7

66 60.7 31.2 71.2

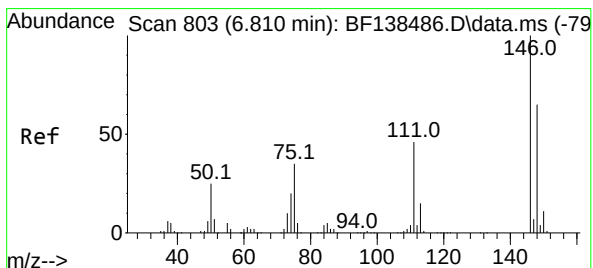
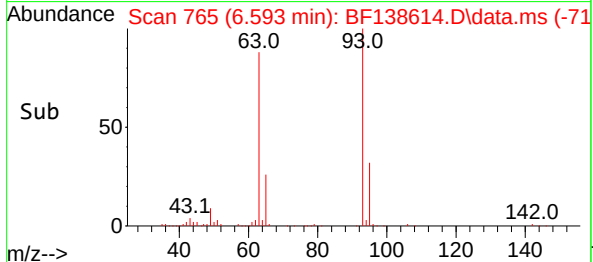
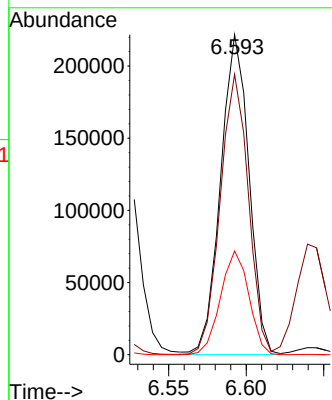
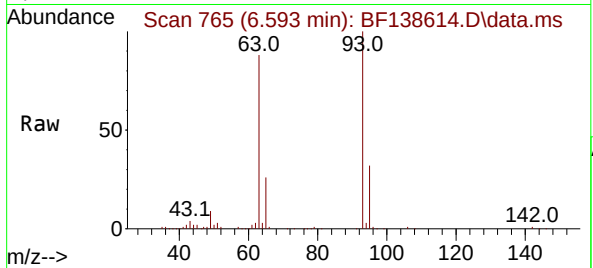




#11
bis(2-Chloroethyl)ether
Concen: 47.147 ng
RT: 6.593 min Scan# 765
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

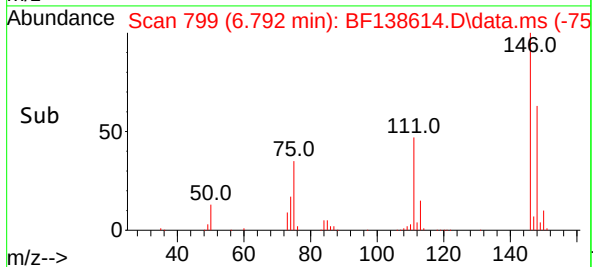
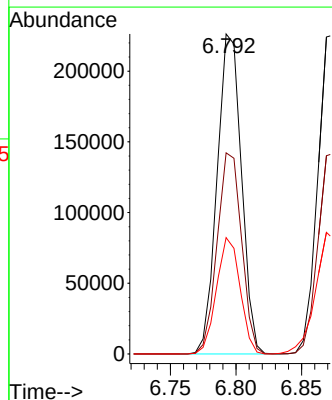
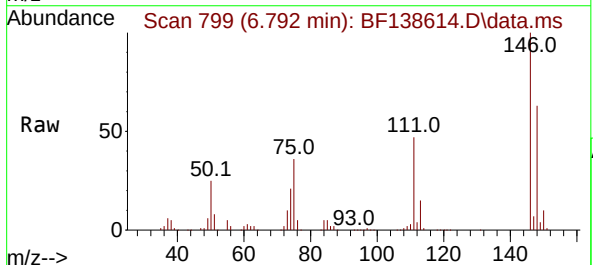
Instrument :
BNA_F
ClientSampleId :
PB162154BSD

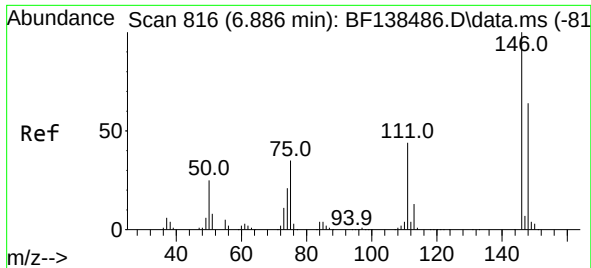
Tgt Ion: 93 Resp: 282011
Ion Ratio Lower Upper
93 100
63 87.6 68.8 108.8
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.600 ng
RT: 6.792 min Scan# 799
Delta R.T. -0.017 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion:146 Resp: 291566
Ion Ratio Lower Upper
146 100
148 62.8 52.4 78.6
75 36.4 27.8 41.8

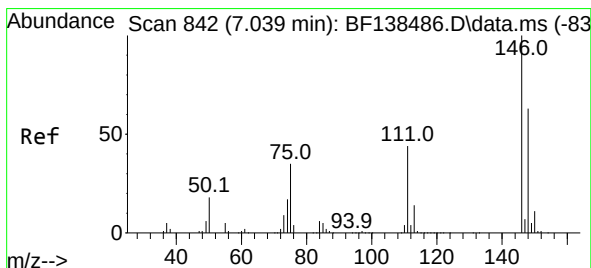
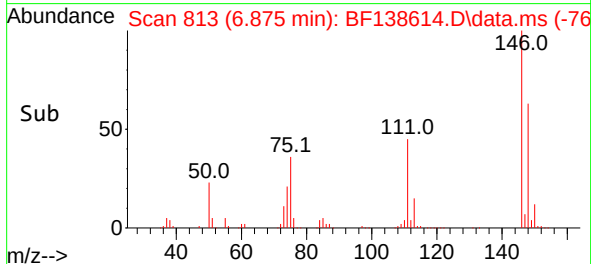
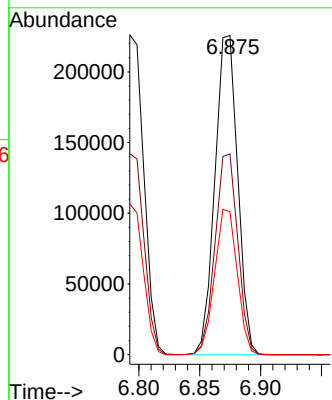
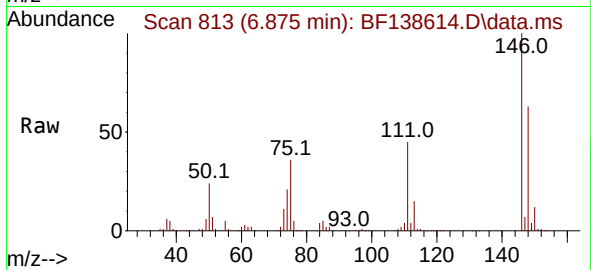




#13
1,4-Dichlorobenzene
Concen: 43.339 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

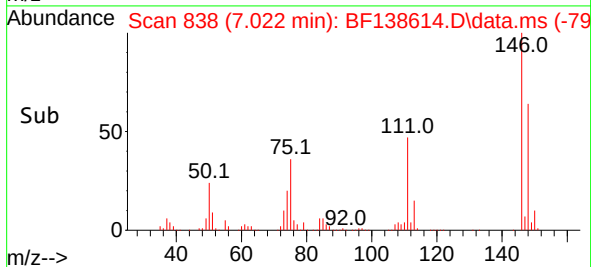
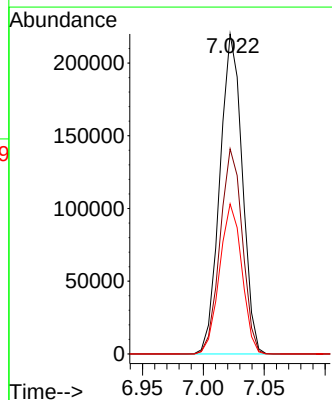
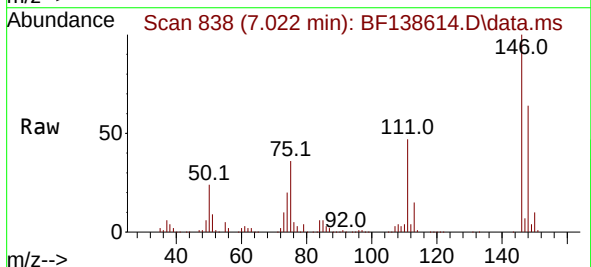
Instrument :
BNA_F
ClientSampleId :
PB162154BSD

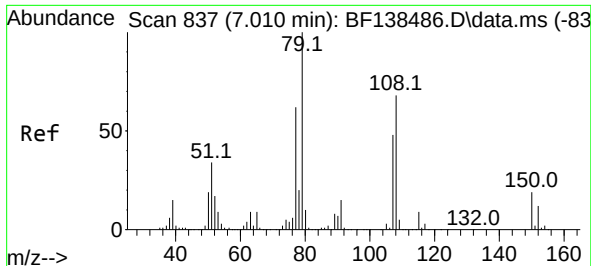
Tgt Ion:146 Resp: 294306
Ion Ratio Lower Upper
146 100
148 62.9 51.6 77.4
111 44.7 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 44.499 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.017 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion:146 Resp: 281449
Ion Ratio Lower Upper
146 100
148 64.1 50.1 75.1
111 46.9 35.5 53.3

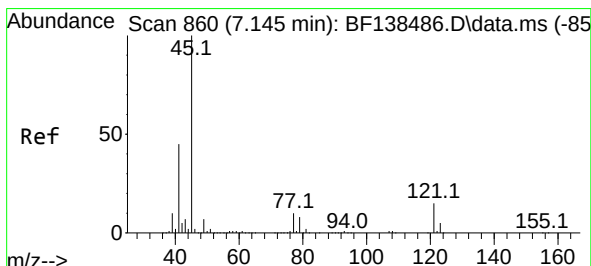
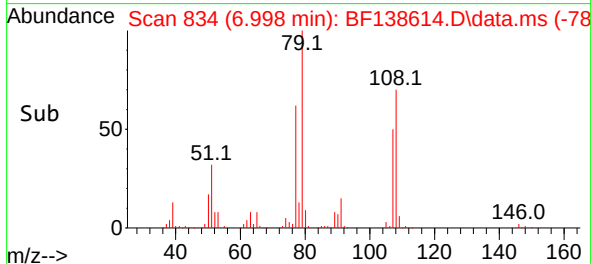
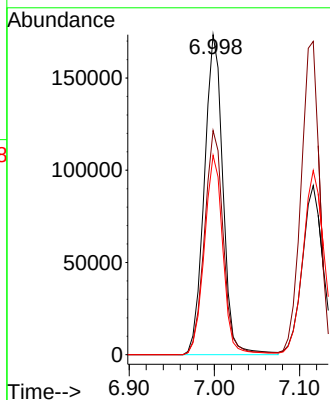
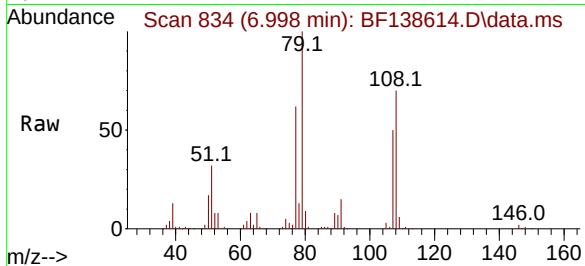




#15
Benzyl Alcohol
Concen: 46.840 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

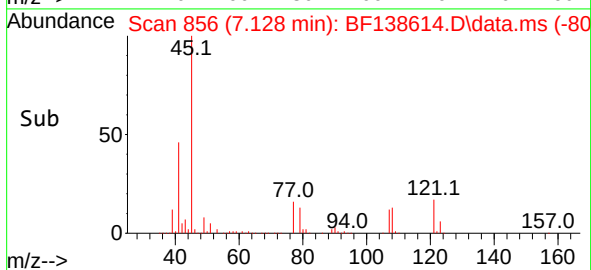
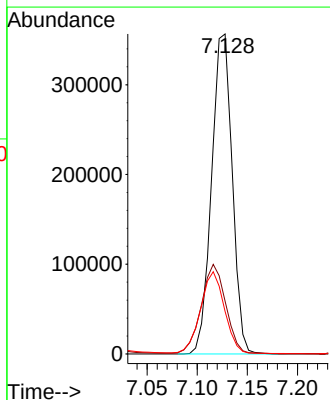
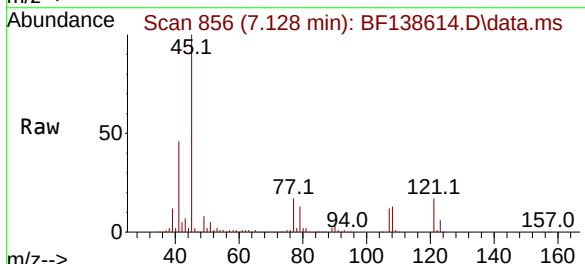
Instrument :
BNA_F
ClientSampleId :
PB162154BSD

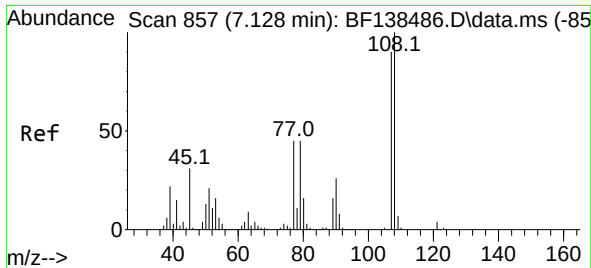
Tgt Ion: 79 Resp: 263103
Ion Ratio Lower Upper
79 100
108 70.1 54.3 81.5
77 62.3 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.395 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.017 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion: 45 Resp: 510449
Ion Ratio Lower Upper
45 100
77 16.5 0.0 30.4
79 13.3 0.0 28.1

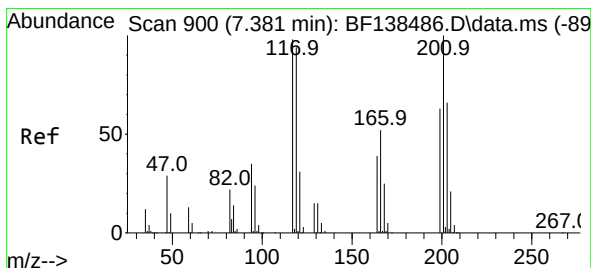
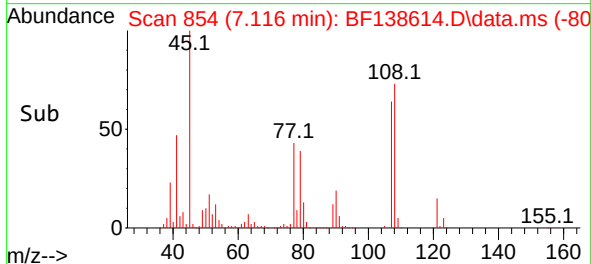
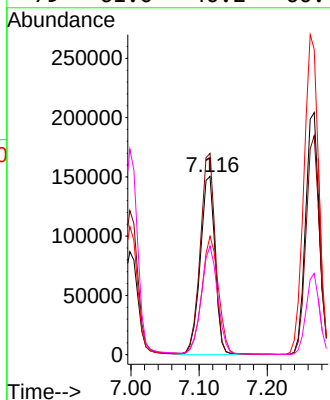
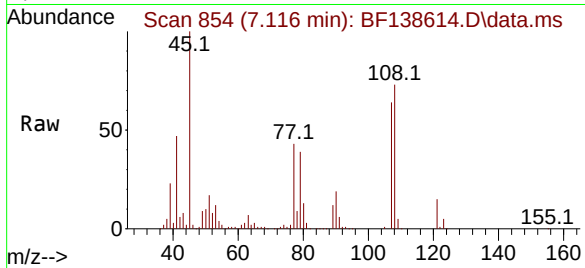




#17
2-Methylphenol
Concen: 46.790 ng
RT: 7.116 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

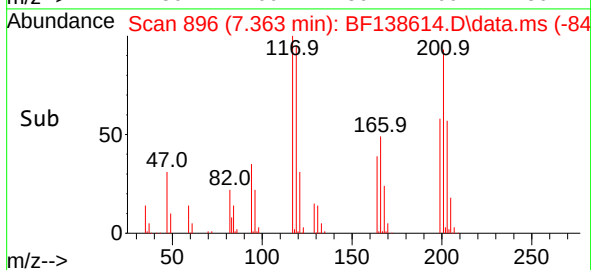
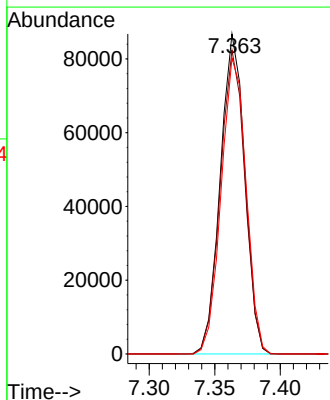
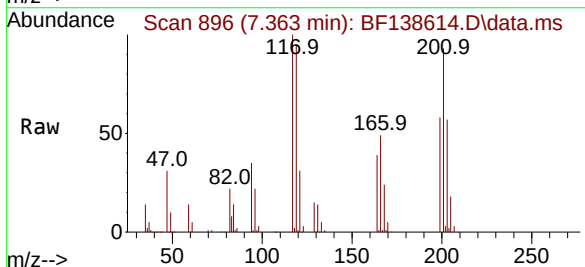
Instrument :
BNA_F
ClientSampleId :
PB162154BSD

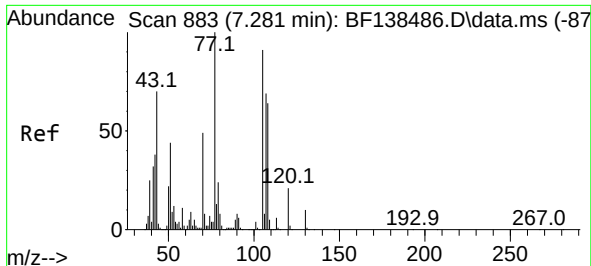
Tgt Ion:107 Resp: 228138
Ion Ratio Lower Upper
107 100
108 113.0 89.0 133.4
77 66.4 40.3 60.5#
79 61.0 40.2 60.4#



#18
Hexachloroethane
Concen: 45.177 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.017 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion:117 Resp: 112783
Ion Ratio Lower Upper
117 100
119 95.0 76.6 114.8
201 92.5 81.4 122.0

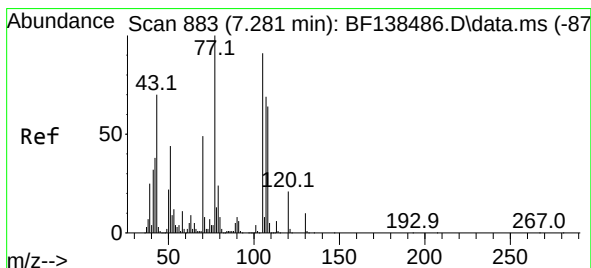
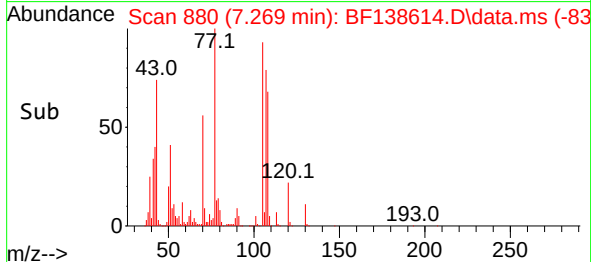
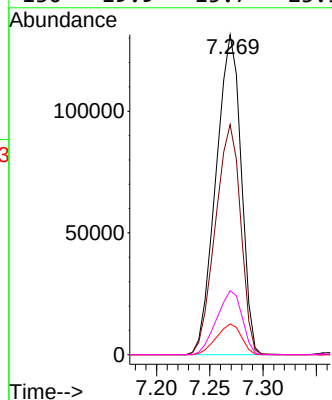
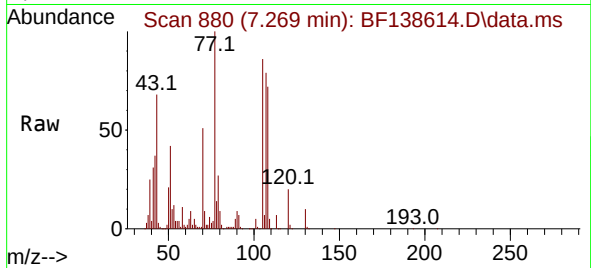




#19
n-Nitroso-di-n-propylamine
Concen: 46.624 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

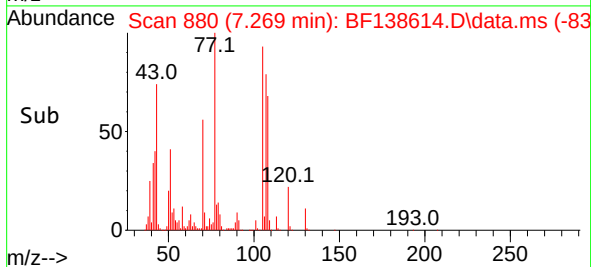
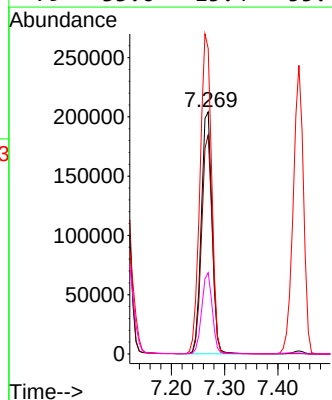
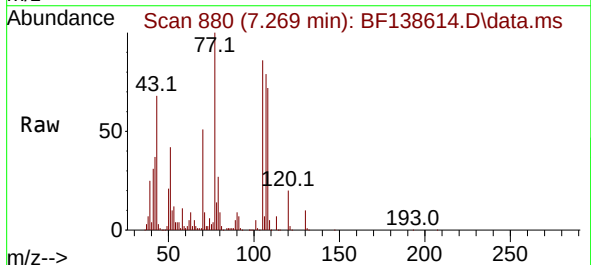
Instrument :
BNA_F
ClientSampleId :
PB162154BSD

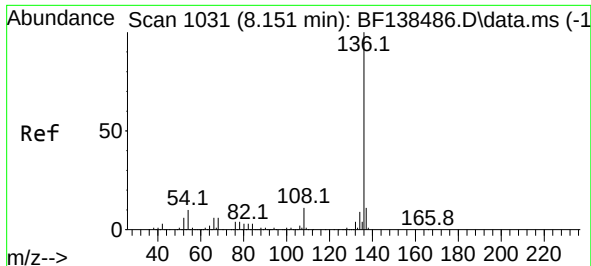
Tgt Ion: 70 Resp: 215629
Ion Ratio Lower Upper
70 100
42 71.9 62.4 93.6
101 9.6 7.2 10.8
130 19.9 15.7 23.5



#20
3+4-Methylphenols
Concen: 46.669 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion: 107 Resp: 286544
Ion Ratio Lower Upper
107 100
108 90.4 73.7 113.7
77 126.2 126.0 166.0
79 33.6 15.4 55.4

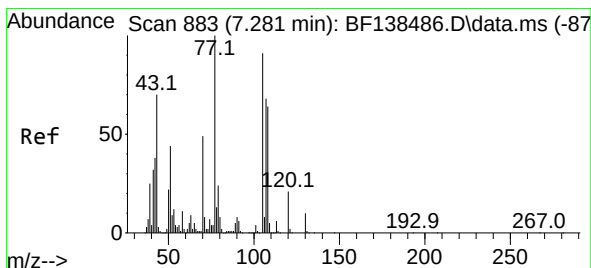
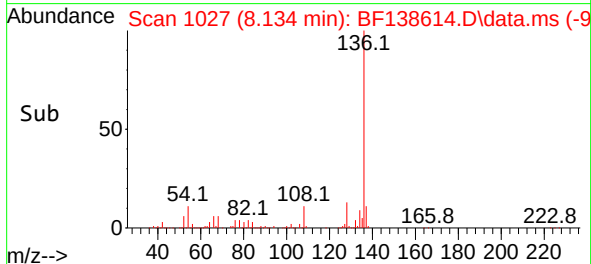
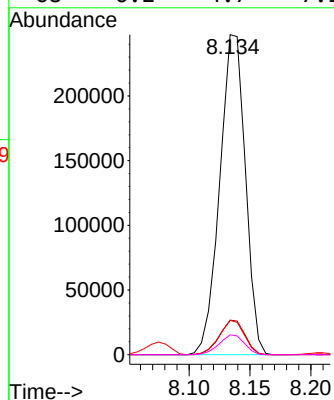
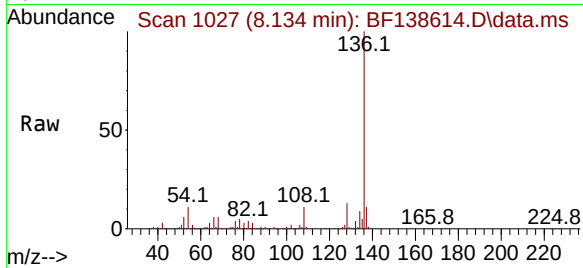




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1027
Delta R.T. -0.017 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

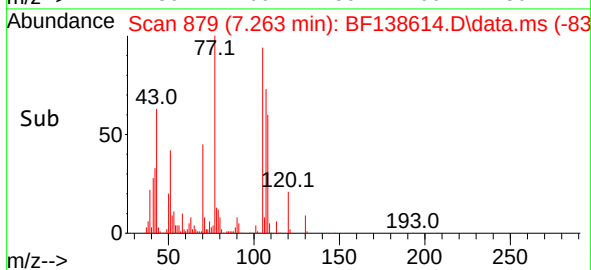
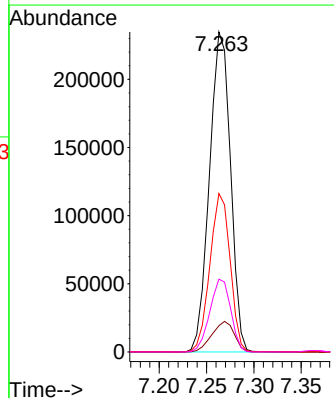
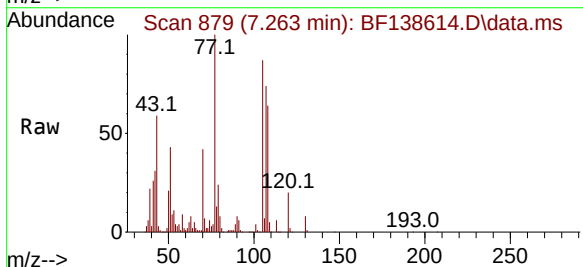
Instrument :
BNA_F
ClientSampleId :
PB162154BSD

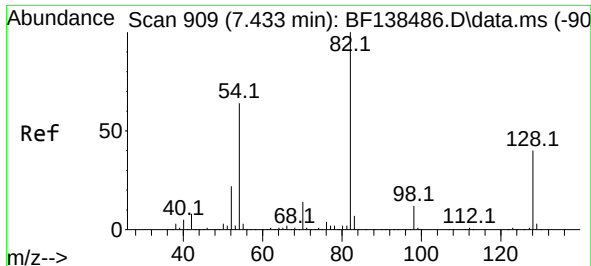
Tgt Ion:	136	Resp:	362675
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.7	8.1	12.1
68	6.2	4.7	7.1



#22
Acetophenone
Concen: 41.205 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.017 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion:	105	Resp:	362944
Ion	Ratio	Lower	Upper
105	100		
71	8.2	7.4	11.2
51	49.5	38.7	58.1
120	22.8	18.2	27.2





#23

Nitrobenzene-d5

Concen: 83.712 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

Instrument :

BNA_F

ClientSampleId :

PB162154BSD

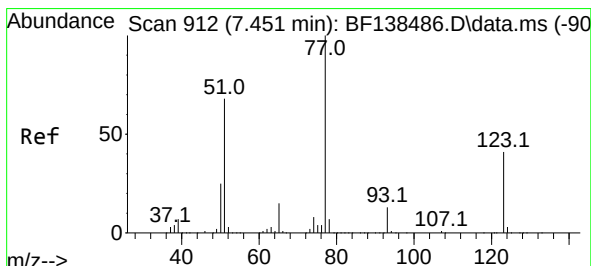
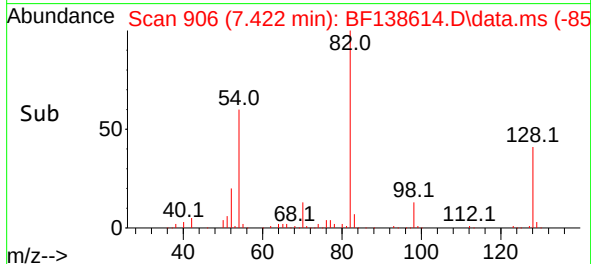
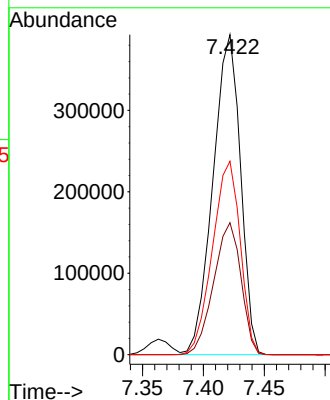
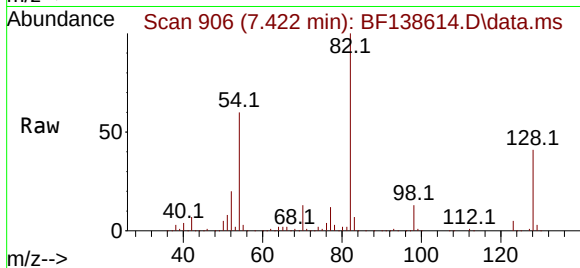
Tgt Ion: 82 Resp: 618364

Ion Ratio Lower Upper

82 100

128 41.3 32.3 48.5

54 60.4 51.4 77.0



#24

Nitrobenzene

Concen: 43.412 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

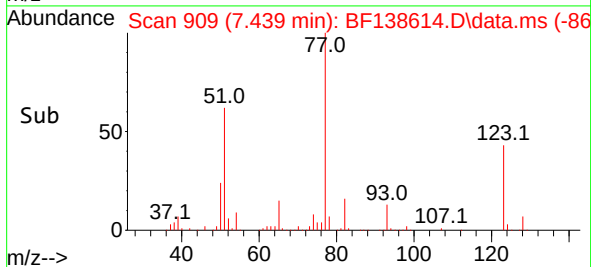
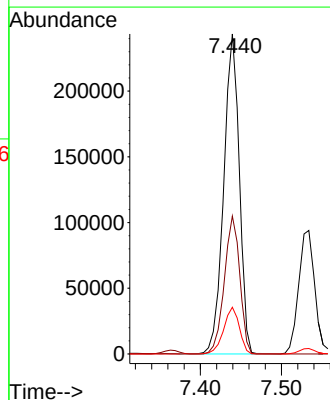
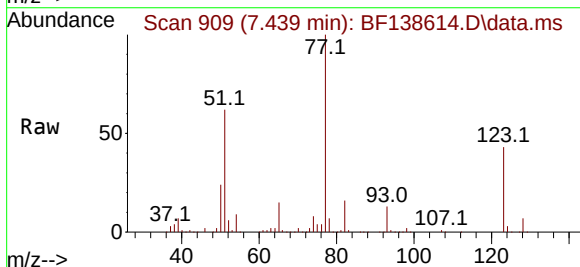
Tgt Ion: 77 Resp: 325876

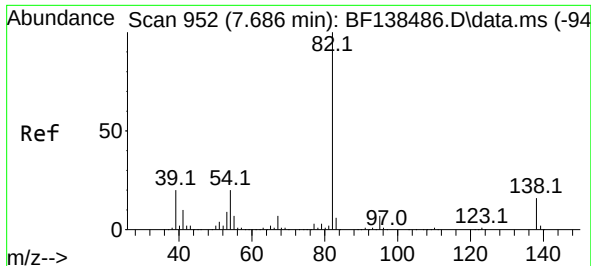
Ion Ratio Lower Upper

77 100

123 43.1 32.4 48.6

65 14.6 11.8 17.8

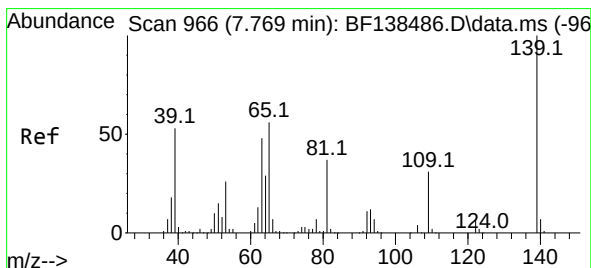
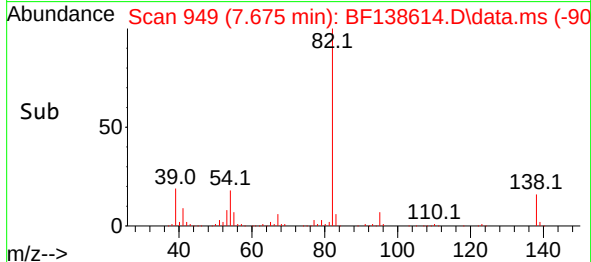
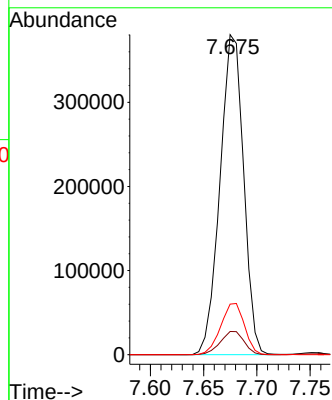
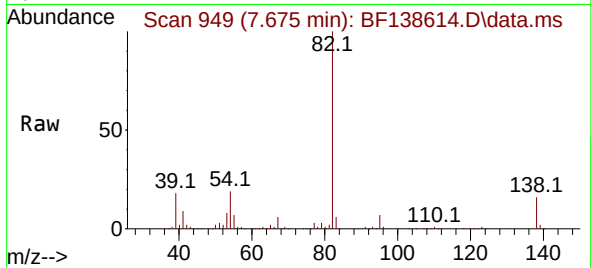




#25
Isophorone
Concen: 46.179 ng
RT: 7.675 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

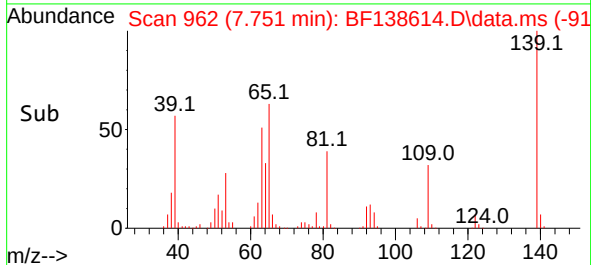
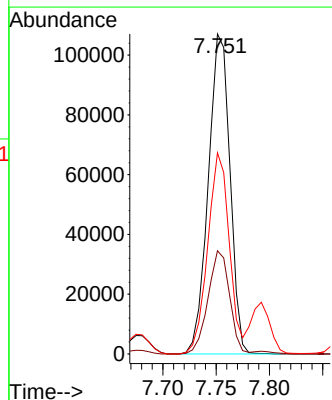
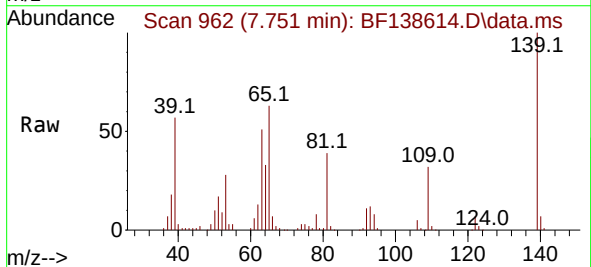
Instrument :
BNA_F
ClientSampleId :
PB162154BSD

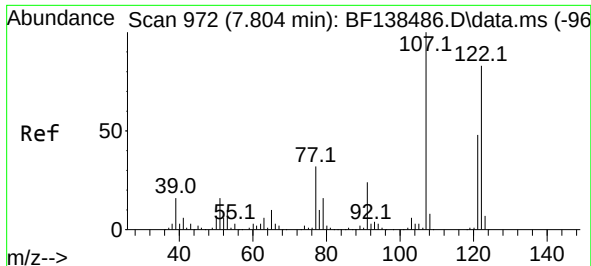
Tgt Ion: 82 Resp: 585799
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 15.8 12.8 19.2



#26
2-Nitrophenol
Concen: 47.110 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.017 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion:139 Resp: 151568
Ion Ratio Lower Upper
139 100
109 32.2 24.8 37.2
65 62.8 45.1 67.7

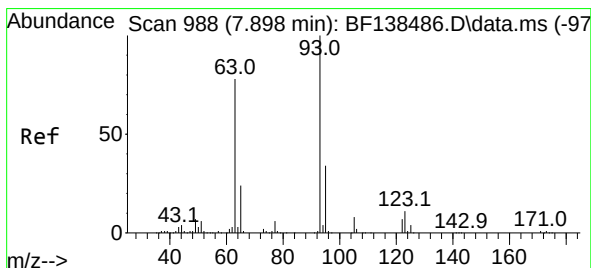
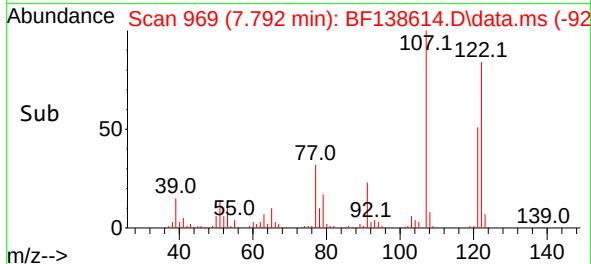
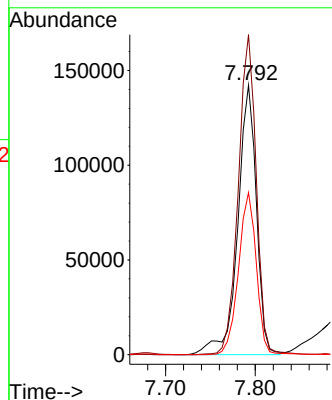
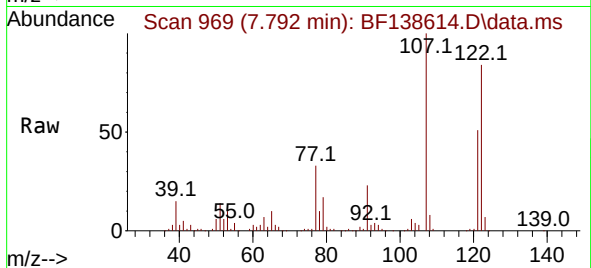




#27
2,4-Dimethylphenol
Concen: 51.953 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

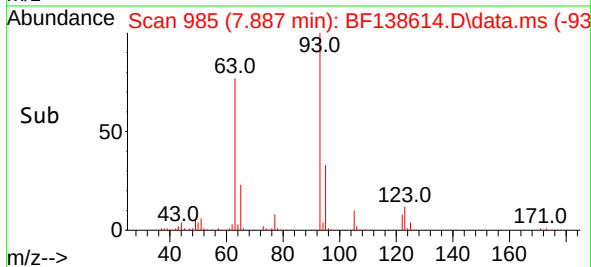
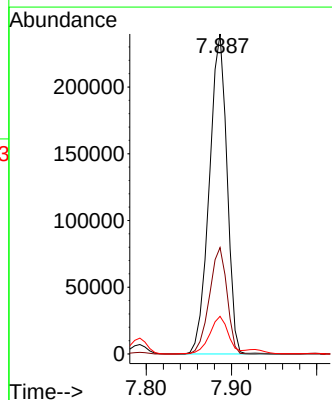
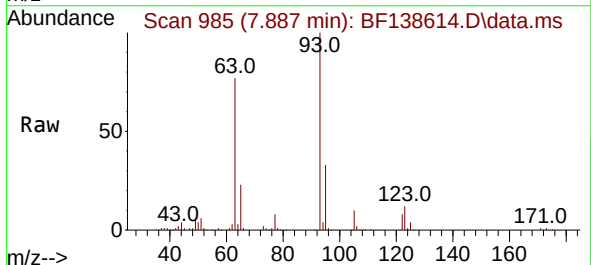
Instrument :
BNA_F
ClientSampleId :
PB162154BSD

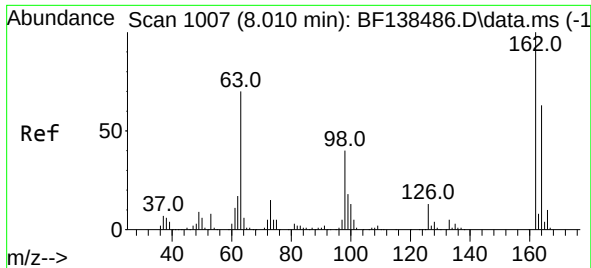
Tgt Ion:122 Resp: 205439
Ion Ratio Lower Upper
122 100
107 118.8 96.3 144.5
121 60.2 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 45.489 ng
RT: 7.887 min Scan# 985
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion: 93 Resp: 344867
Ion Ratio Lower Upper
93 100
95 33.3 27.0 40.6
123 11.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 44.140 ng

RT: 7.998 min Scan# 1017

Delta R.T. -0.012 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

Instrument :

BNA_F

ClientSampleId :

PB162154BSD

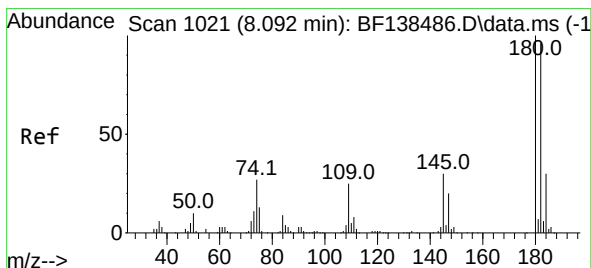
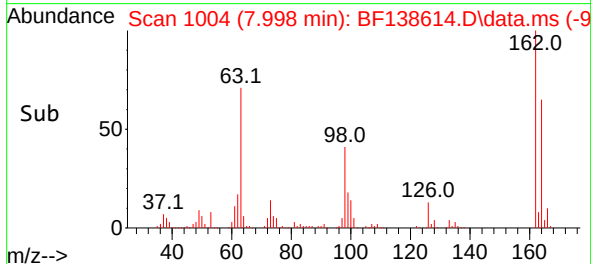
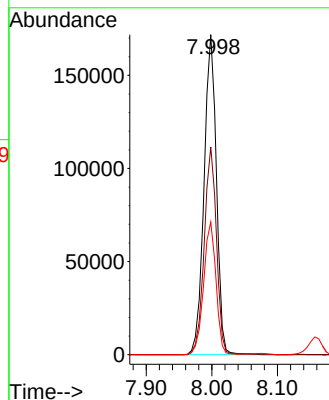
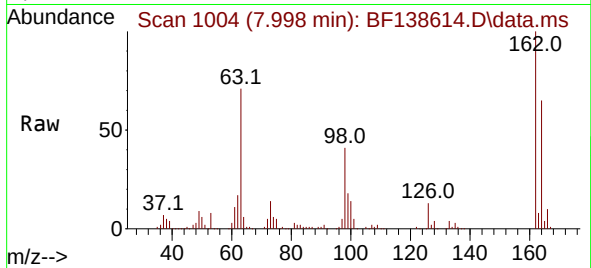
Tgt Ion:162 Resp: 226661

Ion Ratio Lower Upper

162 100

164 64.9 42.6 82.6

98 41.4 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 41.243 ng

RT: 8.075 min Scan# 1017

Delta R.T. -0.018 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

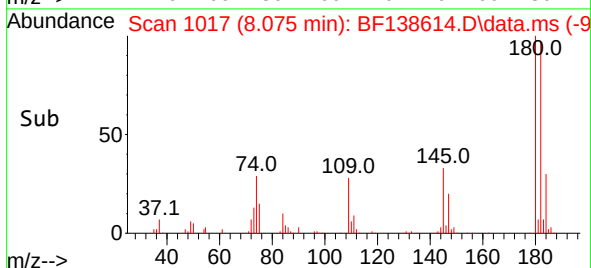
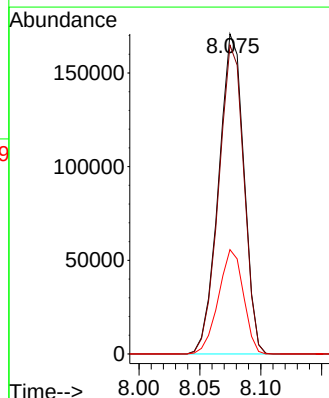
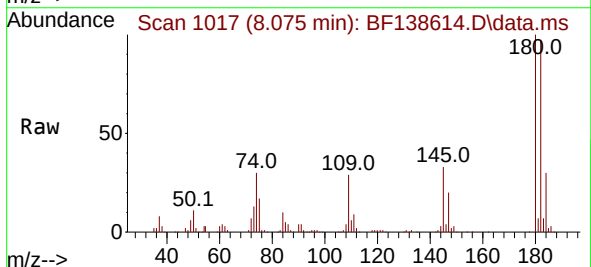
Tgt Ion:180 Resp: 246716

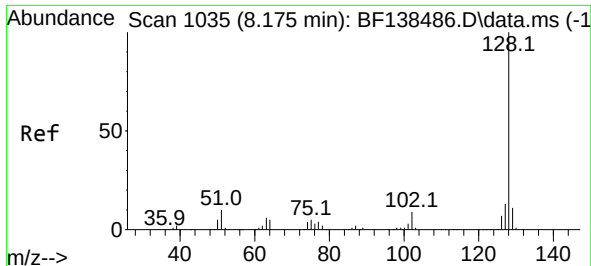
Ion Ratio Lower Upper

180 100

182 96.5 76.9 115.3

145 32.6 23.9 35.9

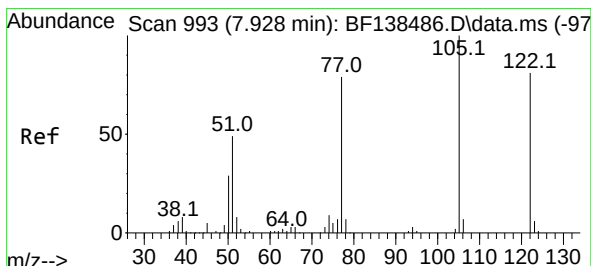
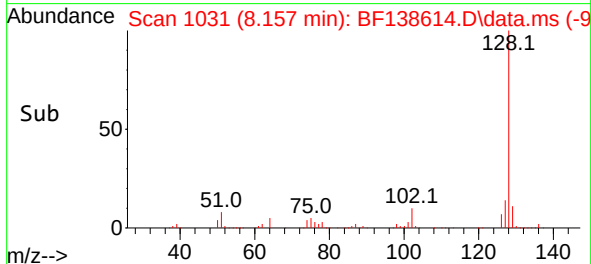
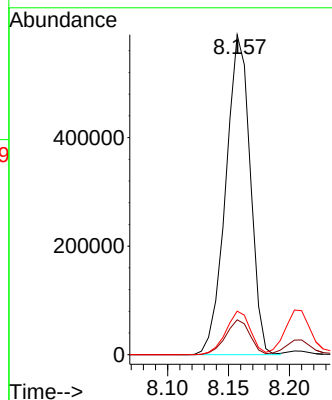
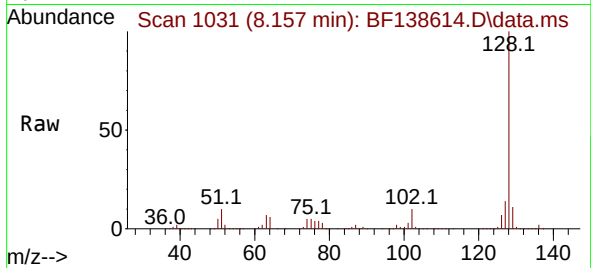




#31
Naphthalene
Concen: 43.635 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

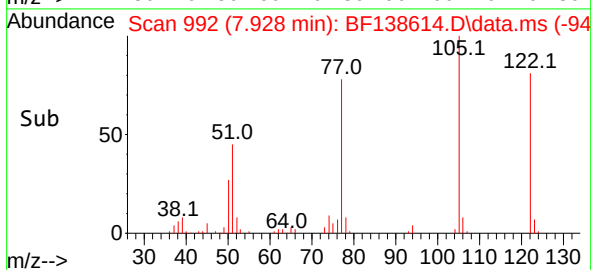
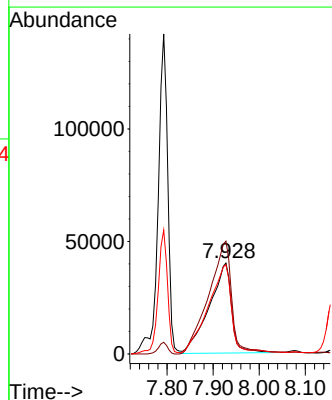
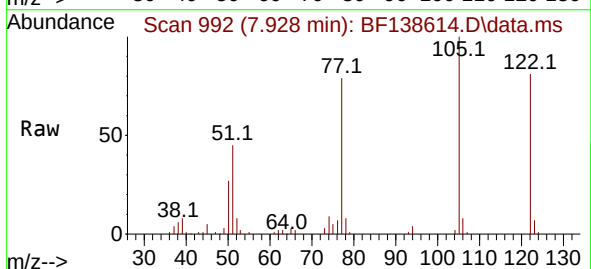
Instrument :
BNA_F
ClientSampleId :
PB162154BSD

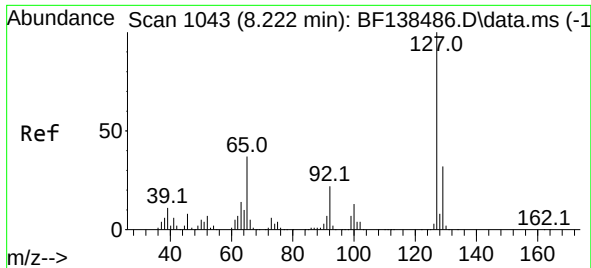
Tgt Ion:128 Resp: 823046
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 35.808 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion:122 Resp: 135048
Ion Ratio Lower Upper
122 100
105 124.0 101.5 141.5
77 98.2 77.3 117.3

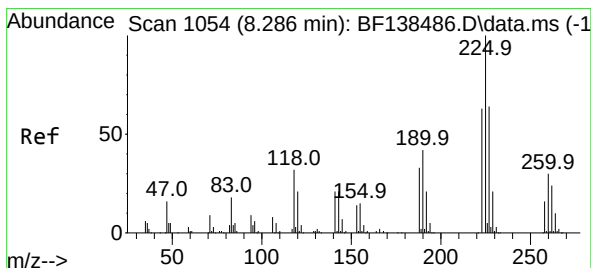
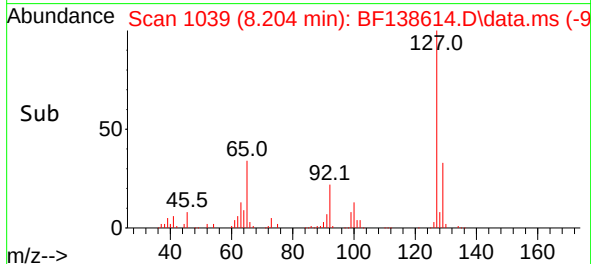
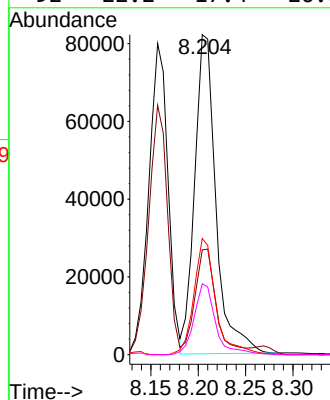
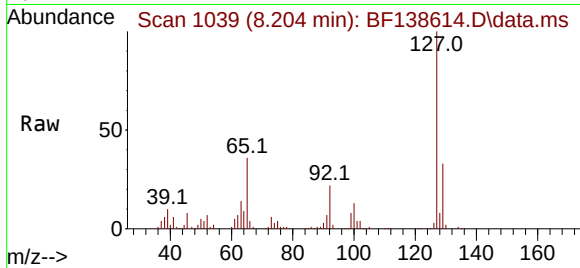




#33
4-Chloroaniline
Concen: 19.463 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.017 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

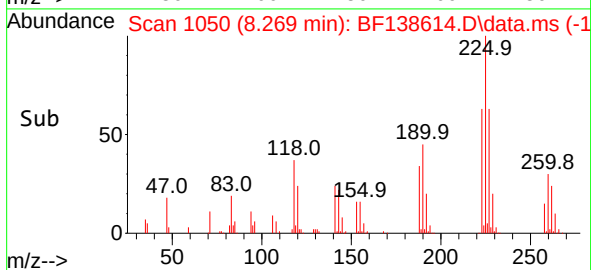
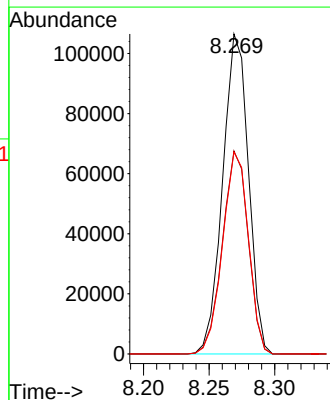
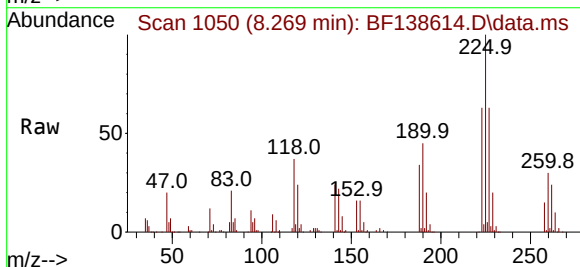
Instrument :
BNA_F
ClientSampleId :
PB162154BSD

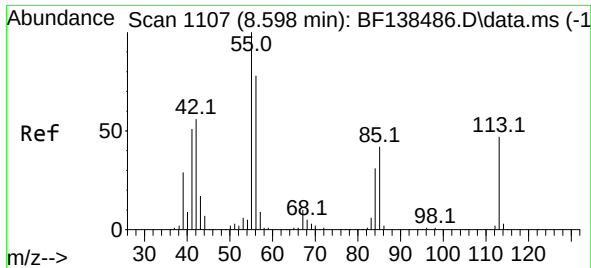
Tgt Ion:	127	Resp:	128806
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.6	38.4
65	36.3	29.6	44.4
92	22.2	17.4	26.0



#34
Hexachlorobutadiene
Concen: 39.486 ng
RT: 8.269 min Scan# 1050
Delta R.T. -0.017 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion:	225	Resp:	145452
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.0	75.0
227	63.1	51.0	76.6

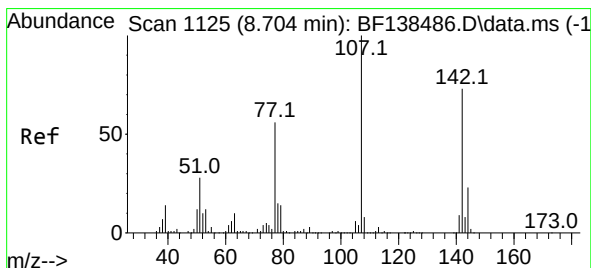
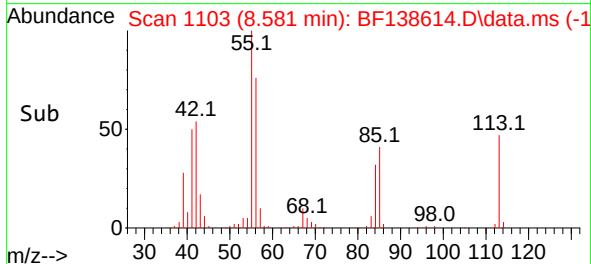
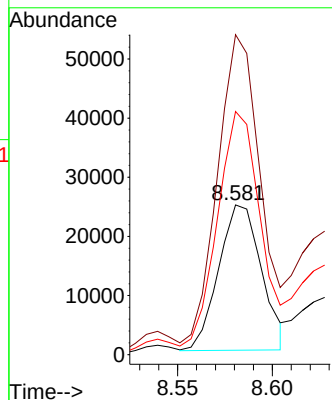
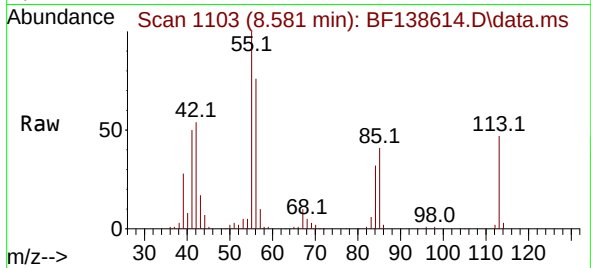




#35
 Caprolactam
 Concen: 23.352 ng
 RT: 8.581 min Scan# 1103
 Delta R.T. -0.018 min
 Lab File: BF138614.D
 Acq: 23 Jul 2024 12:55

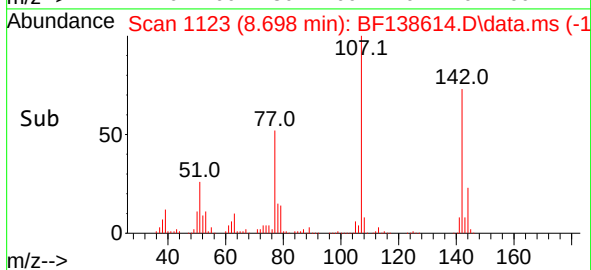
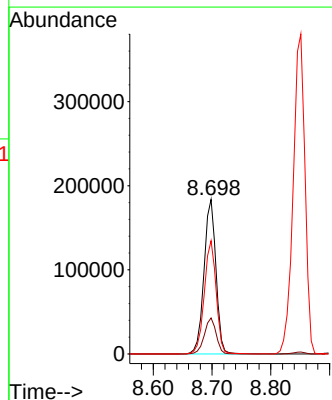
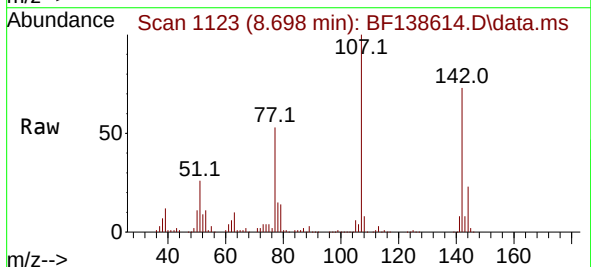
Instrument :
 BNA_F
 ClientSampleId :
 PB162154BSD

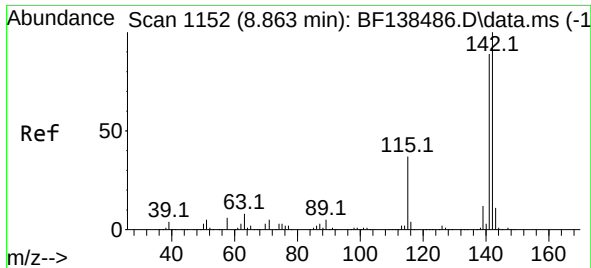
Tgt Ion:113 Resp: 38695
 Ion Ratio Lower Upper
 113 100
 55 213.6 192.5 232.5
 56 162.4 145.3 185.3



#36
 4-Chloro-3-methylphenol
 Concen: 45.022 ng
 RT: 8.698 min Scan# 1123
 Delta R.T. -0.006 min
 Lab File: BF138614.D
 Acq: 23 Jul 2024 12:55

Tgt Ion:107 Resp: 258820
 Ion Ratio Lower Upper
 107 100
 144 23.3 18.6 27.8
 142 73.3 58.6 88.0

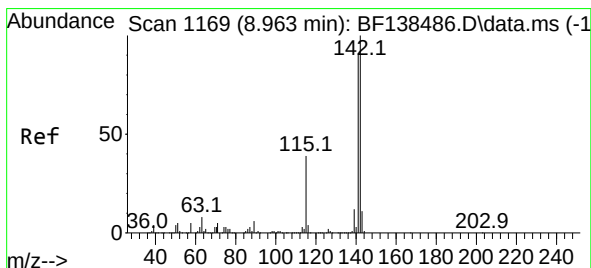
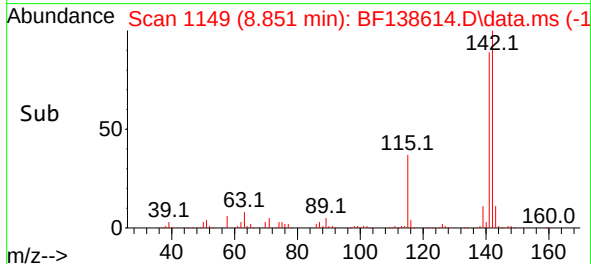
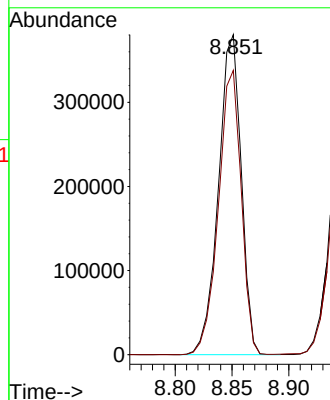
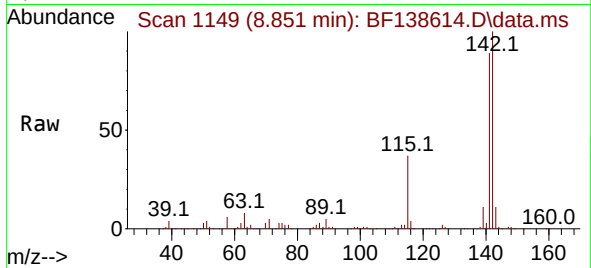




#37
2-Methylnaphthalene
Concen: 43.705 ng
RT: 8.851 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

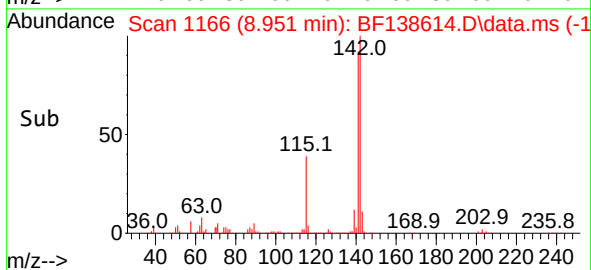
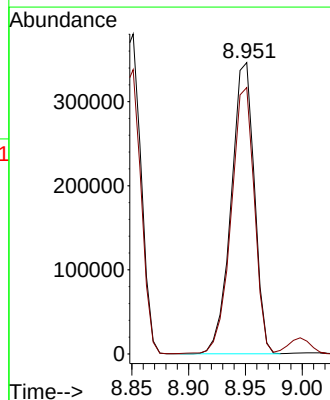
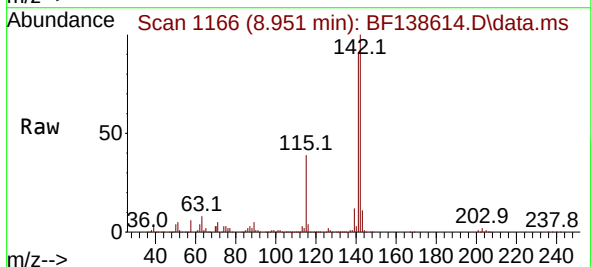
Instrument :
BNA_F
ClientSampleId :
PB162154BSD

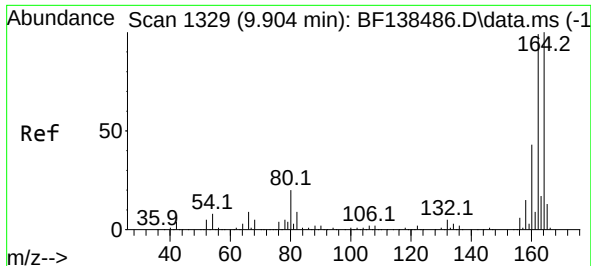
Tgt Ion:142 Resp: 530498
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0



#38
1-Methylnaphthalene
Concen: 41.521 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion:142 Resp: 491871
Ion Ratio Lower Upper
142 100
141 91.4 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

Instrument :

BNA_F

ClientSampleId :

PB162154BSD

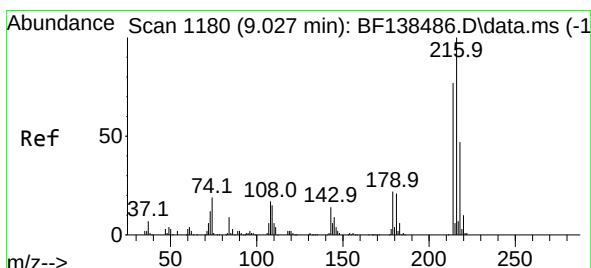
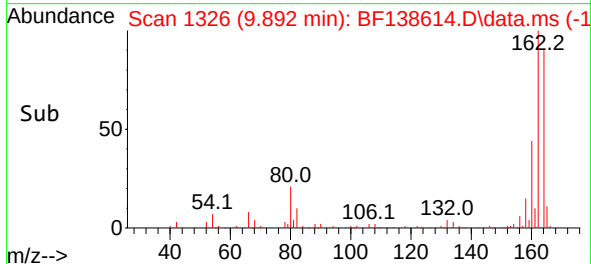
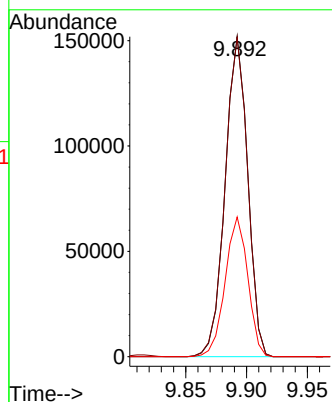
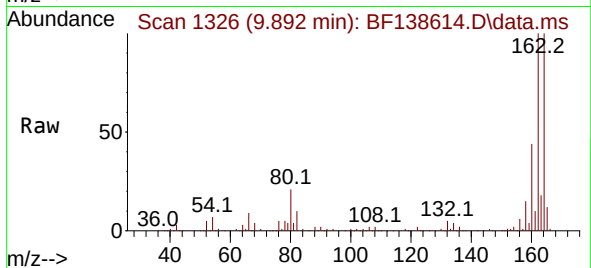
Tgt Ion:164 Resp: 196145

Ion Ratio Lower Upper

164 100

162 99.8 79.0 118.6

160 43.6 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.411 ng

RT: 9.016 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

Tgt Ion:216 Resp: 215447

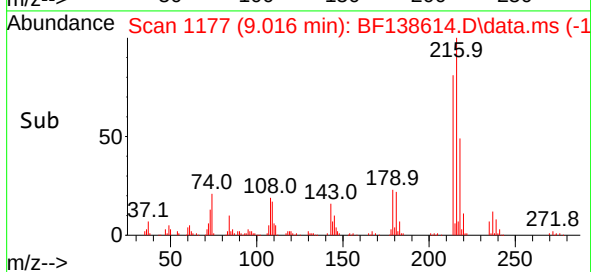
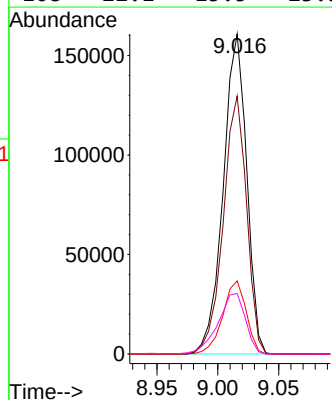
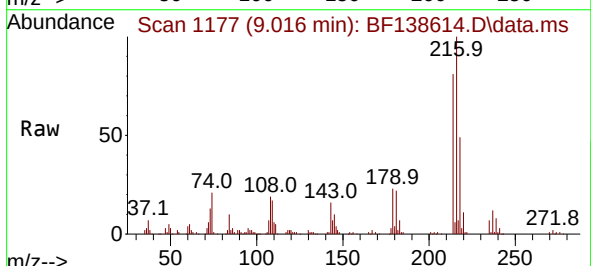
Ion Ratio Lower Upper

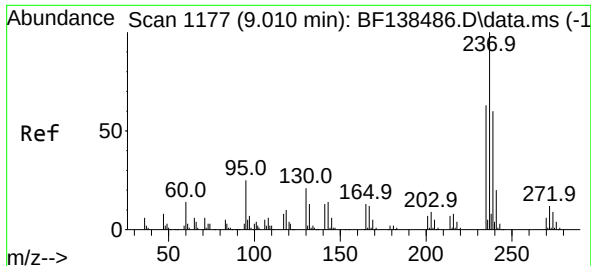
216 100

214 80.0 62.8 94.2

179 22.9 17.7 26.5

108 22.1 15.5 23.3

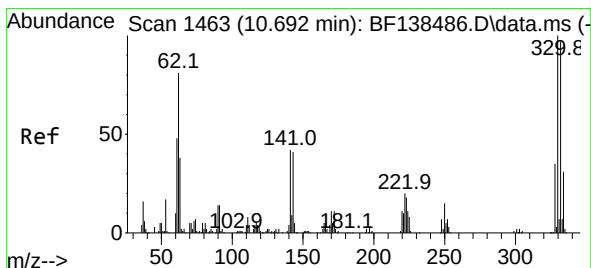
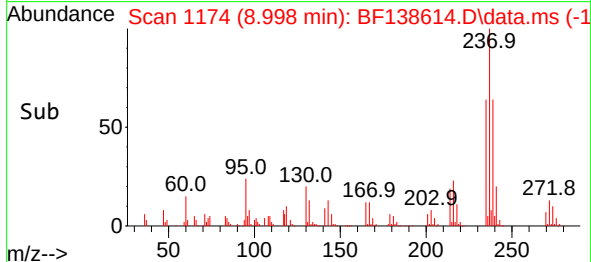
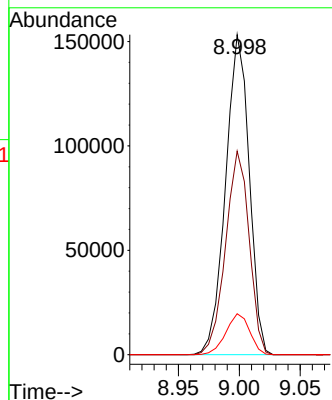
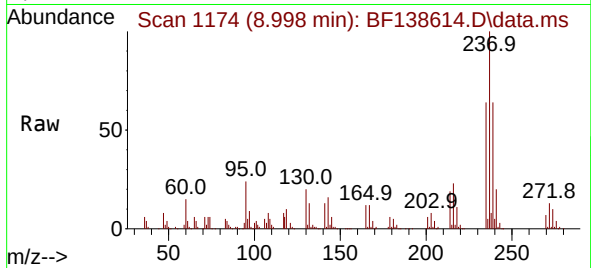




#41
Hexachlorocyclopentadiene
Concen: 116.752 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

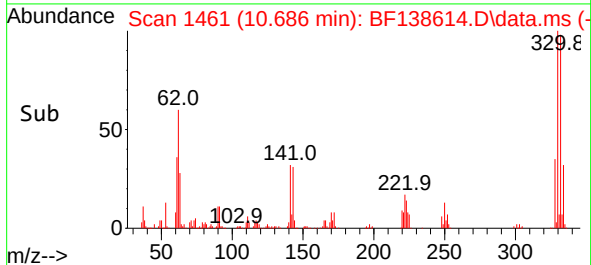
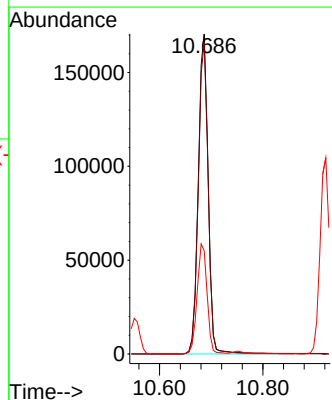
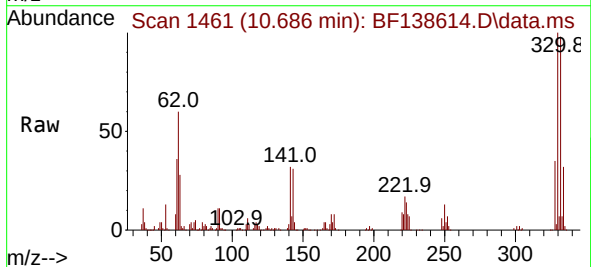
Instrument :
BNA_F
ClientSampleId :
PB162154BSD

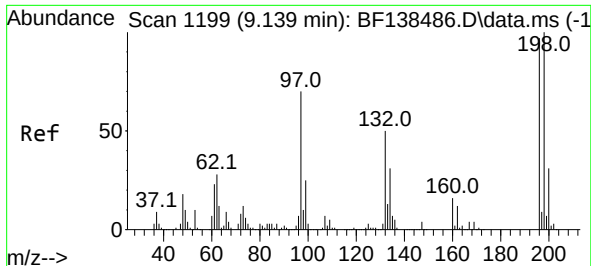
Tgt Ion:237 Resp: 207163
Ion Ratio Lower Upper
237 100
235 63.6 43.3 83.3
272 12.8 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 123.837 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion:330 Resp: 227014
Ion Ratio Lower Upper
330 100
332 96.8 76.8 115.2
141 34.6 29.4 44.2





#43

2,4,6-Trichlorophenol

Concen: 42.571 ng

RT: 9.128 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

Instrument :

BNA_F

ClientSampleId :

PB162154BSD

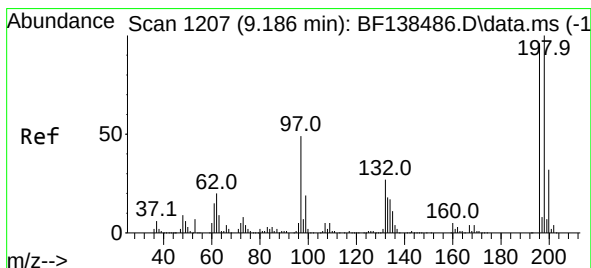
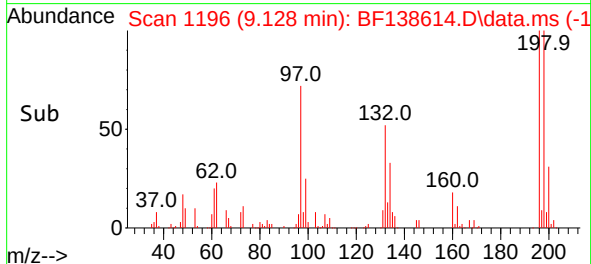
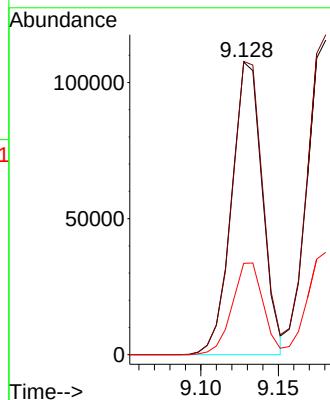
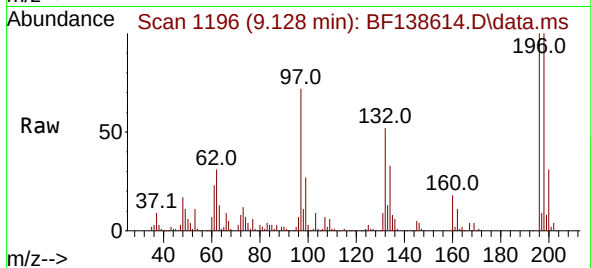
Tgt Ion:196 Resp: 148448

Ion Ratio Lower Upper

196 100

198 100.2 82.3 123.5

200 31.2 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 40.873 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

Tgt Ion:196 Resp: 156763

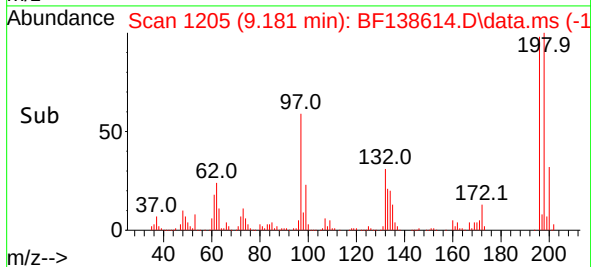
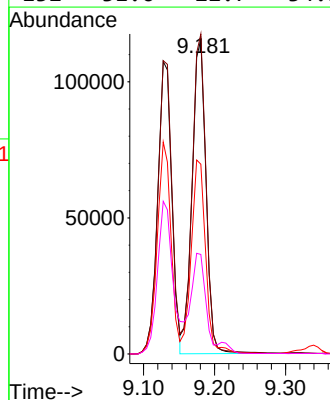
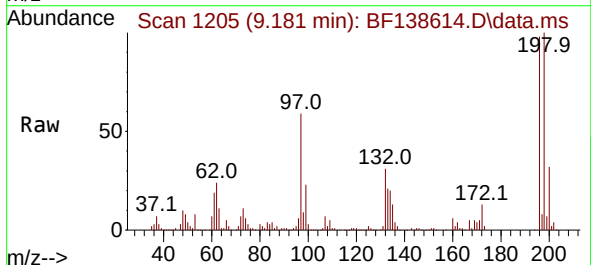
Ion Ratio Lower Upper

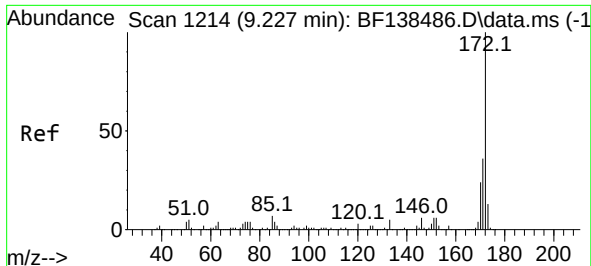
196 100

198 101.7 82.8 124.2

97 60.3 41.0 61.4

132 31.6 22.7 34.1

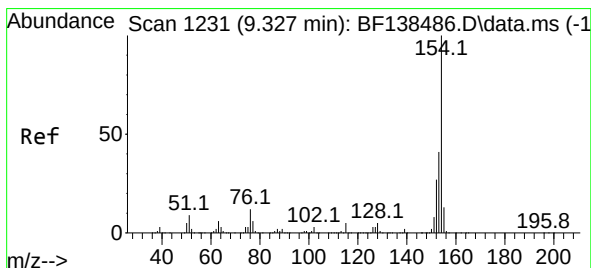
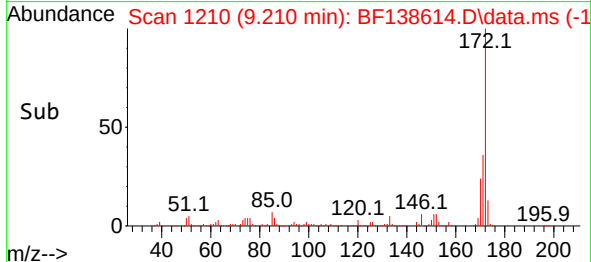
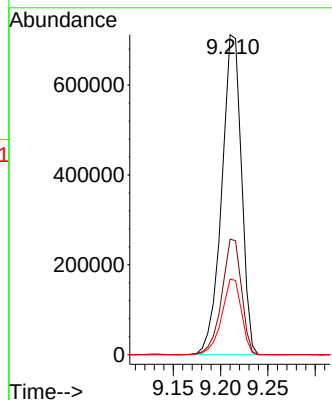
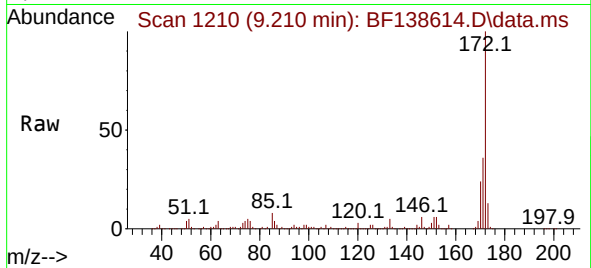




#45
2-Fluorobiphenyl
Concen: 82.328 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

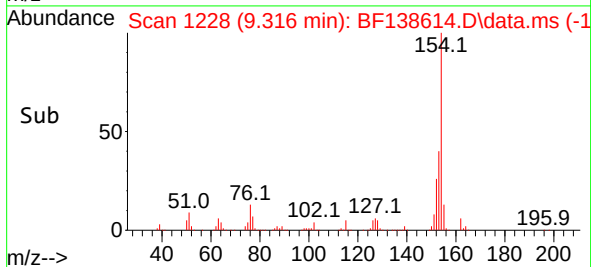
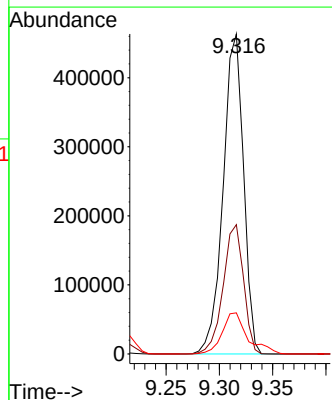
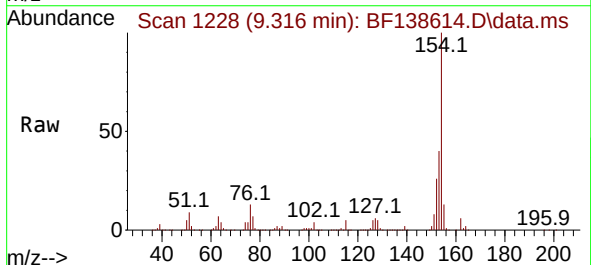
Instrument :
BNA_F
ClientSampleId :
PB162154BSD

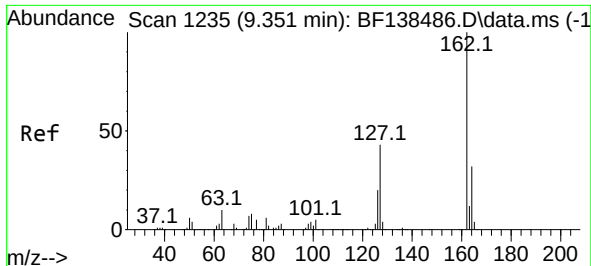
Tgt Ion:172 Resp: 1033213
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 41.366 ng
RT: 9.316 min Scan# 1228
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion:154 Resp: 614897
Ion Ratio Lower Upper
154 100
153 40.4 20.7 60.7
76 12.9 0.0 32.2





#47

2-Chloronaphthalene

Concen: 43.310 ng

RT: 9.339 min Scan# 1232

Delta R.T. -0.012 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

Instrument :

BNA_F

ClientSampleId :

PB162154BSD

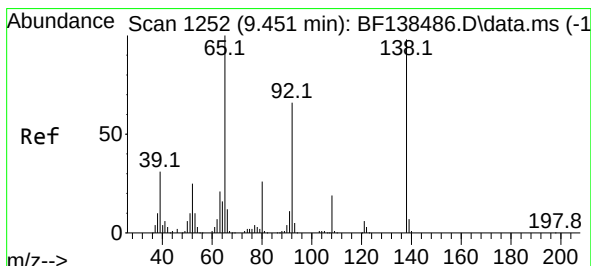
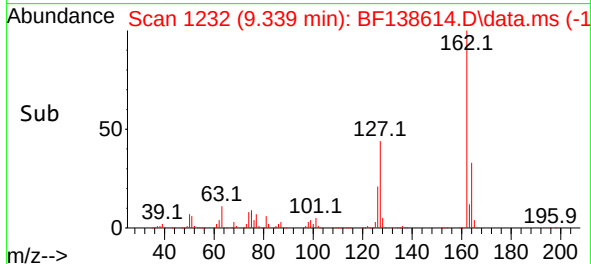
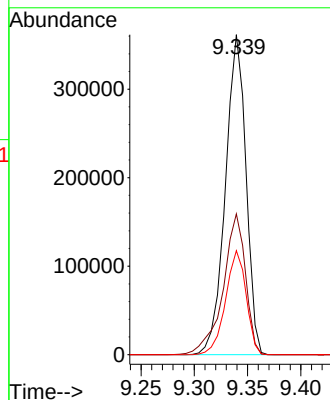
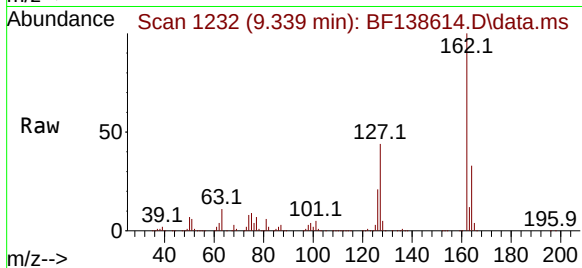
Tgt Ion:162 Resp: 486363

Ion Ratio Lower Upper

162 100

127 44.0 34.8 52.2

164 32.5 25.6 38.4



#48

2-Nitroaniline

Concen: 46.510 ng

RT: 9.439 min Scan# 1249

Delta R.T. -0.012 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

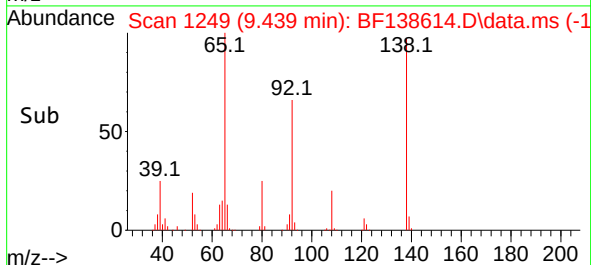
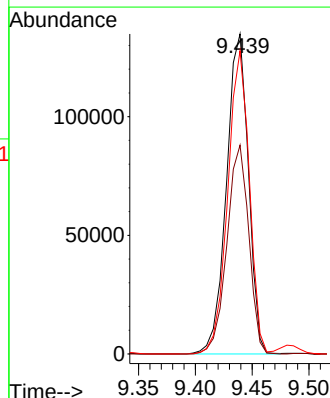
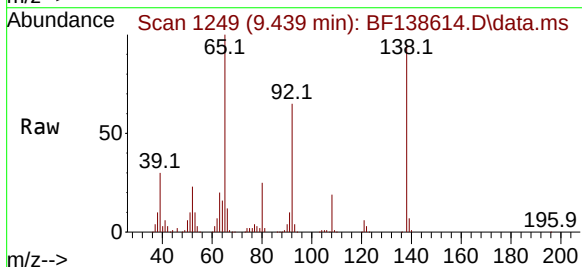
Tgt Ion: 65 Resp: 180991

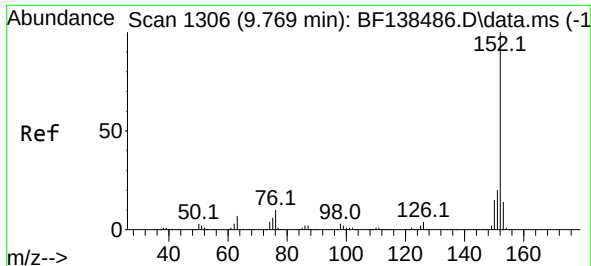
Ion Ratio Lower Upper

65 100

92 65.3 52.6 78.8

138 94.7 78.6 118.0

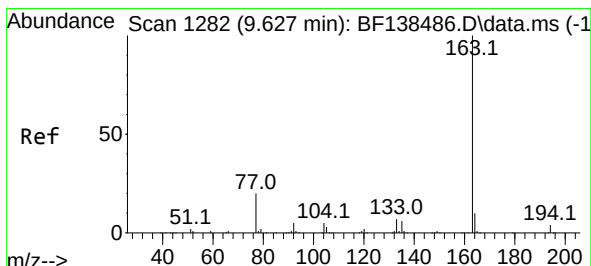
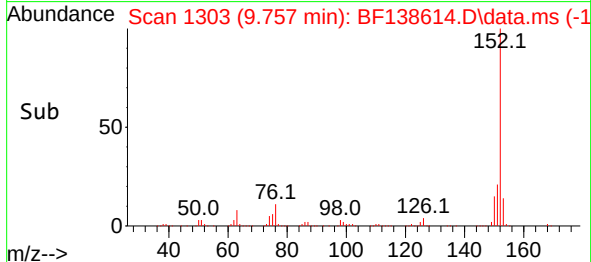
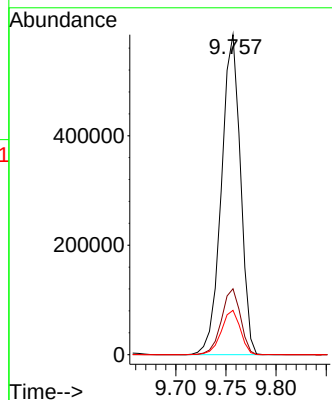
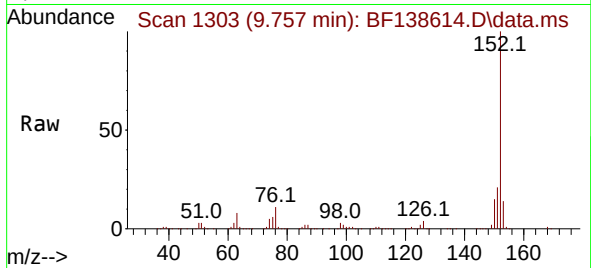




#49
Acenaphthylene
Concen: 48.297 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

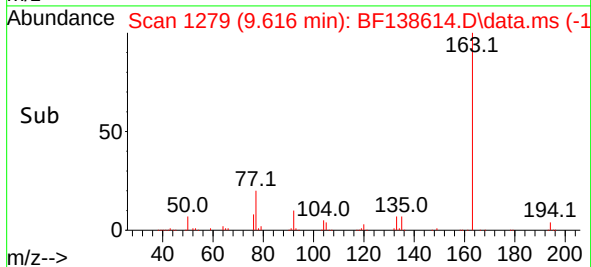
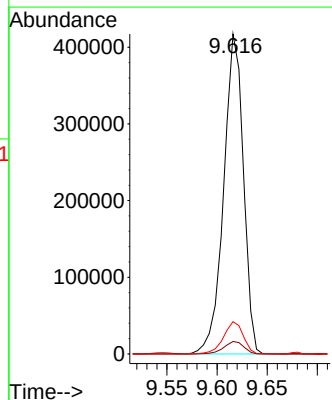
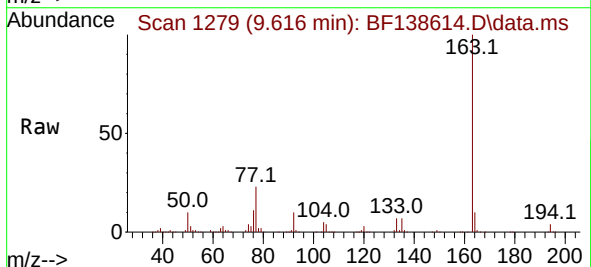
Instrument :
BNA_F
ClientSampleId :
PB162154BSD

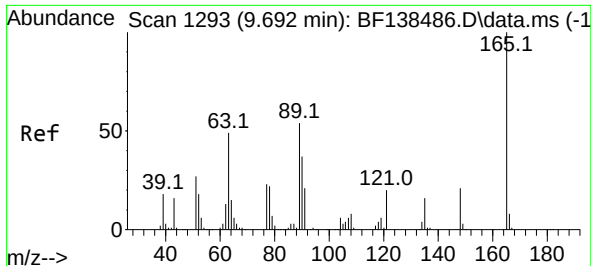
Tgt Ion:152 Resp: 770016
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.9 11.3 16.9



#50
Dimethylphthalate
Concen: 44.910 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion:163 Resp: 569605
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 43.123 ng

RT: 9.681 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

Instrument :

BNA_F

ClientSampleId :

PB162154BSD

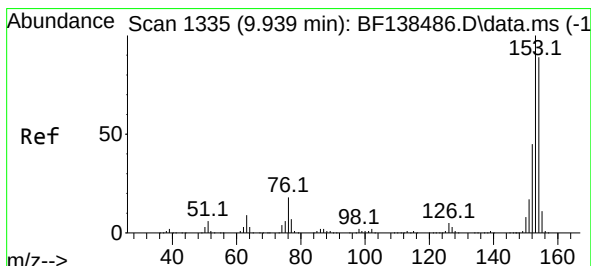
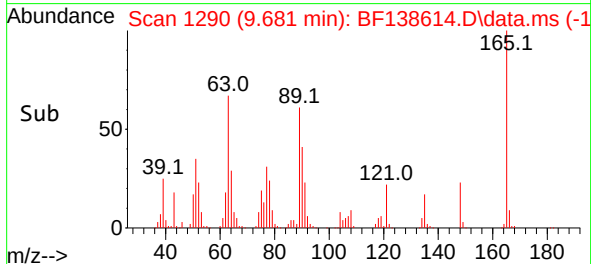
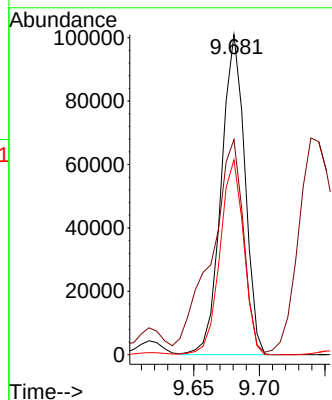
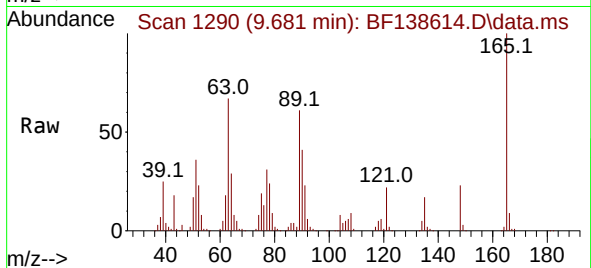
Tgt Ion:165 Resp: 125929

Ion Ratio Lower Upper

165 100

63 67.2 48.1 72.1

89 60.9 43.0 64.6



#52

Acenaphthene

Concen: 45.466 ng

RT: 9.928 min Scan# 1332

Delta R.T. -0.012 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

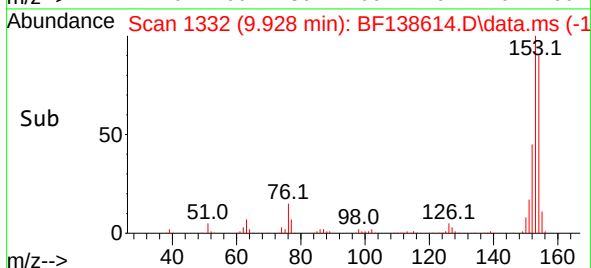
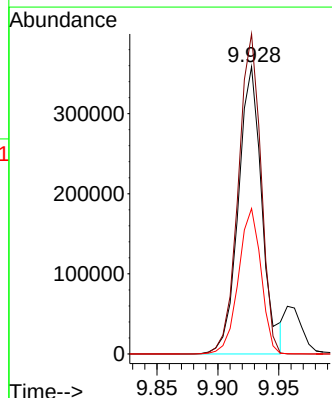
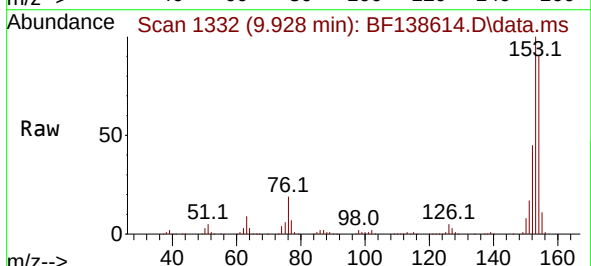
Tgt Ion:154 Resp: 481851

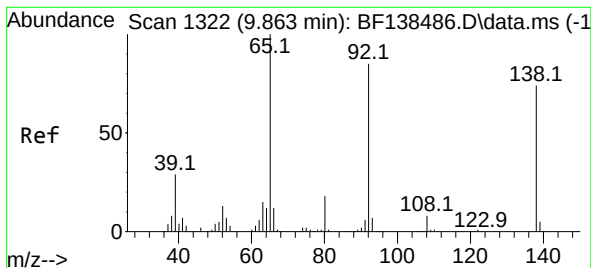
Ion Ratio Lower Upper

154 100

153 111.4 90.4 135.6

152 50.7 41.1 61.7





#53

3-Nitroaniline

Concen: 26.675 ng

RT: 9.845 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

Instrument :

BNA_F

ClientSampleId :

PB162154BSD

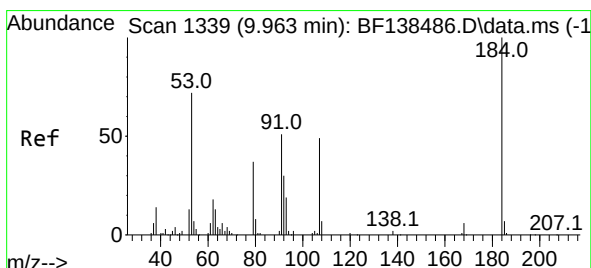
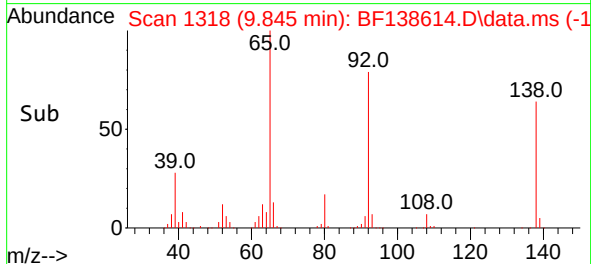
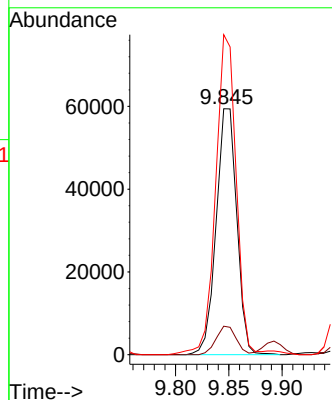
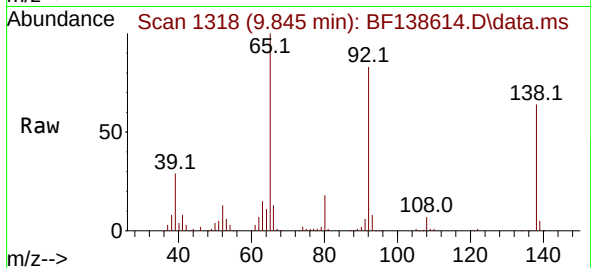
Tgt Ion:138 Resp: 79839

Ion Ratio Lower Upper

138 100

108 11.6 8.3 12.5

92 130.1 92.6 138.8



#54

2,4-Dinitrophenol

Concen: 76.434 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

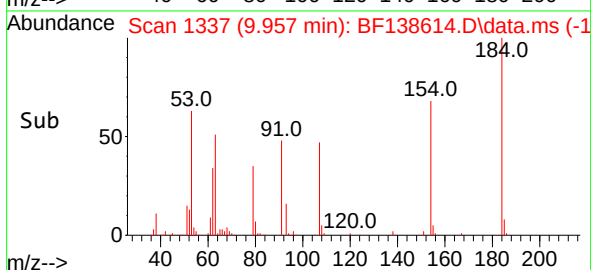
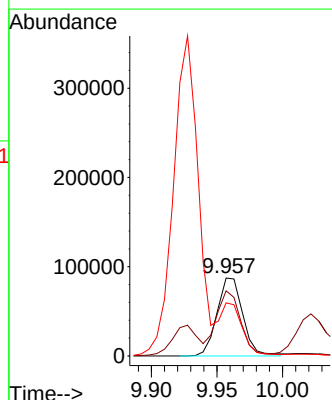
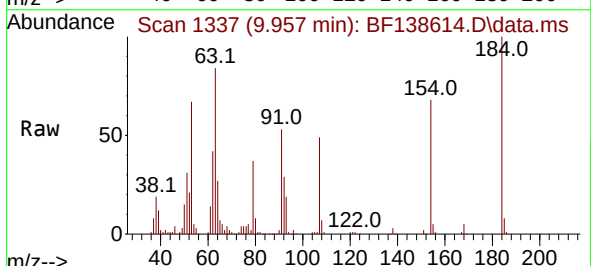
Tgt Ion:184 Resp: 119447

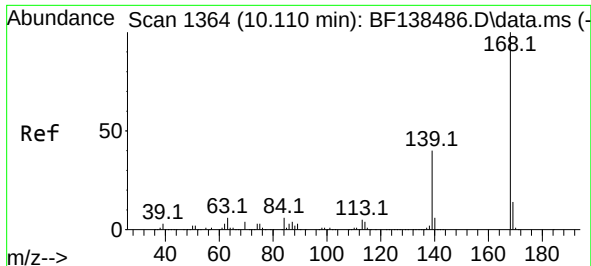
Ion Ratio Lower Upper

184 100

63 83.5 70.6 106.0

154 68.2 53.8 80.6

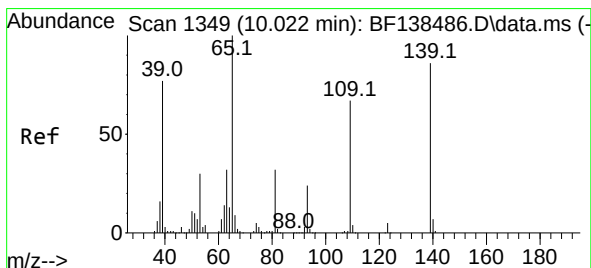
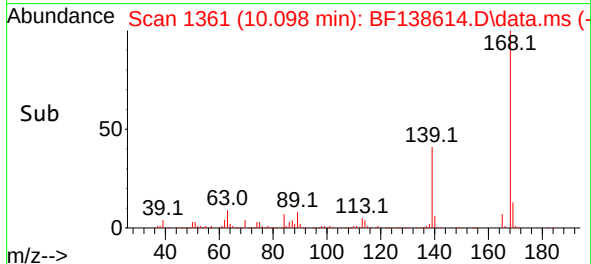
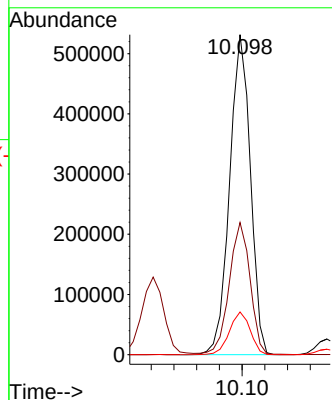
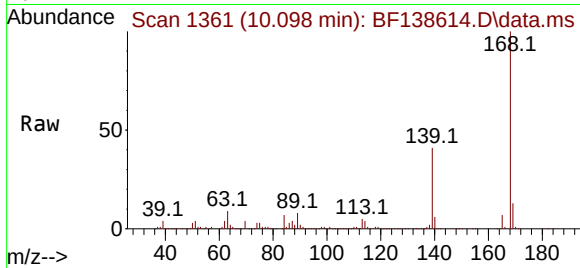




#55
Dibenzenofuran
Concen: 43.873 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

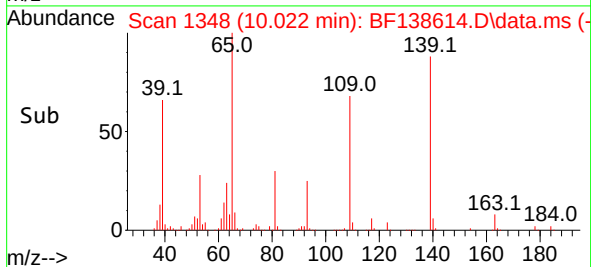
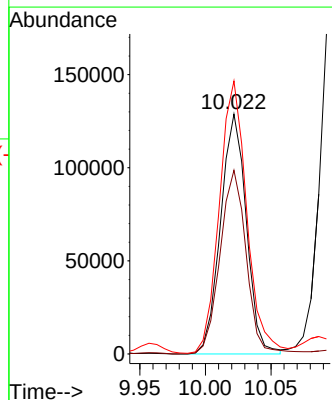
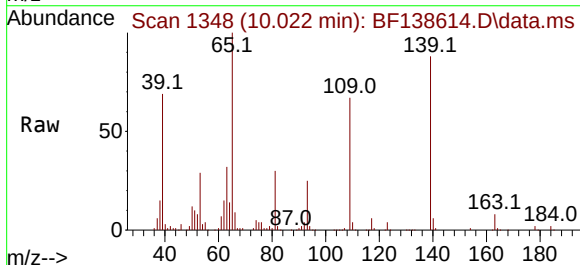
Instrument :
BNA_F
ClientSampleId :
PB162154BSD

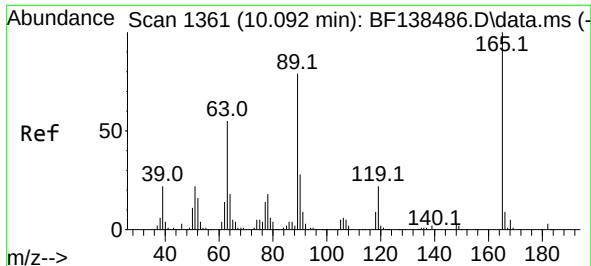
Tgt Ion:168 Resp: 674409
Ion Ratio Lower Upper
168 100
139 41.3 32.4 48.6
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 79.738 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion:139 Resp: 176098
Ion Ratio Lower Upper
139 100
109 76.6 58.1 98.1
65 113.8 96.9 136.9

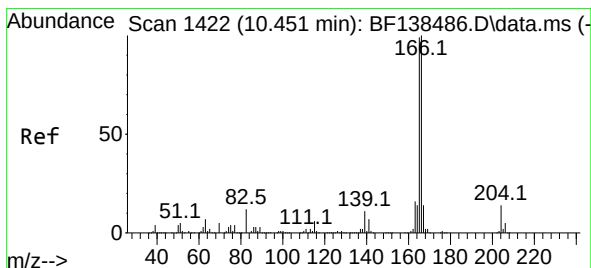
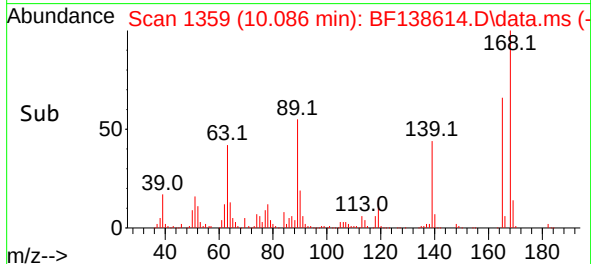
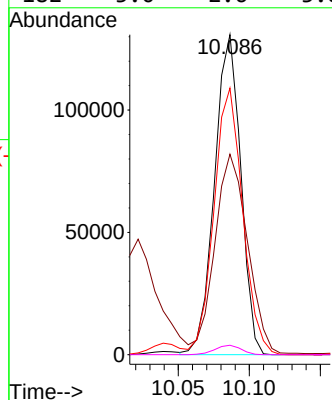
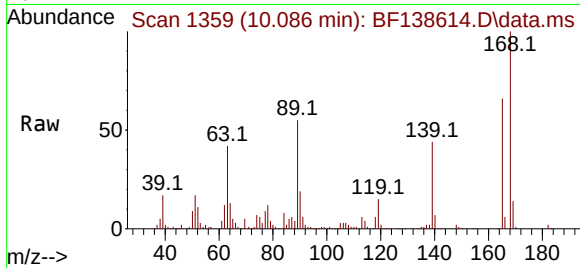




#57
2,4-Dinitrotoluene
Concen: 44.422 ng
RT: 10.086 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

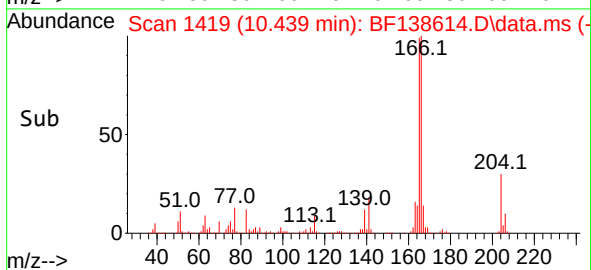
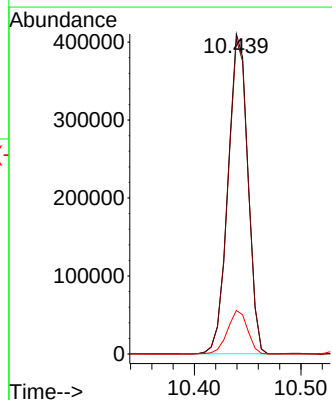
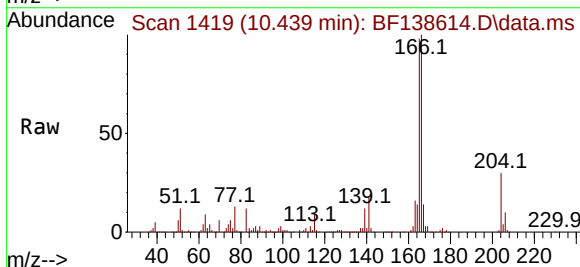
Instrument :
BNA_F
ClientSampleId :
PB162154BSD

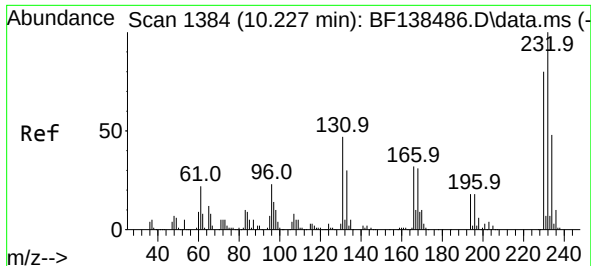
Tgt Ion:165 Resp: 167844
Ion Ratio Lower Upper
165 100
63 62.6 44.6 66.8
89 83.3 63.4 95.2
182 3.0 2.6 3.8



#58
Fluorene
Concen: 43.774 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion:166 Resp: 532433
Ion Ratio Lower Upper
166 100
165 98.4 79.1 118.7
167 13.6 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.330 ng

RT: 10.216 min Scan# 1381

Delta R.T. -0.012 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

Instrument :

BNA_F

ClientSampleId :

PB162154BSD

Tgt Ion:232 Resp: 131157

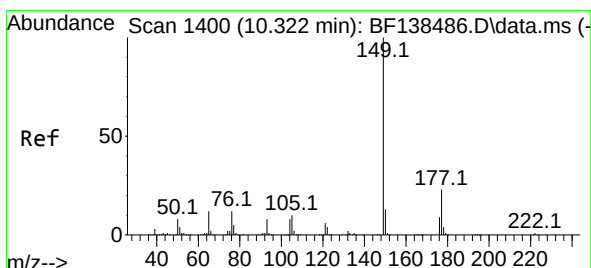
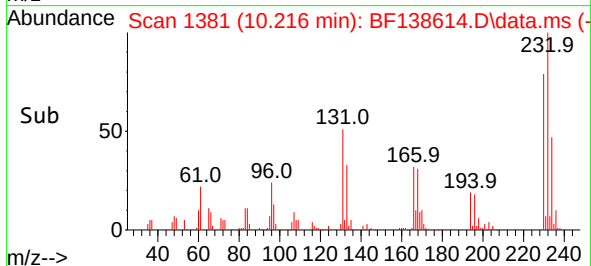
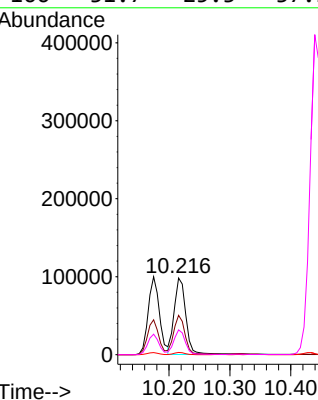
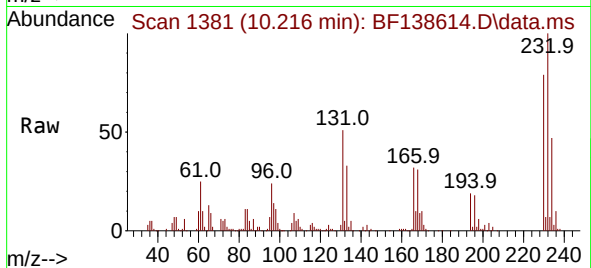
Ion Ratio Lower Upper

232 100

131 51.2 37.5 56.3

130 2.7 2.0 3.0

166 31.7 25.3 37.9



#60

Diethylphthalate

Concen: 44.461 ng

RT: 10.316 min Scan# 1398

Delta R.T. -0.006 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

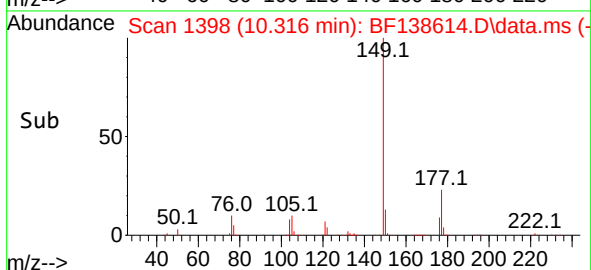
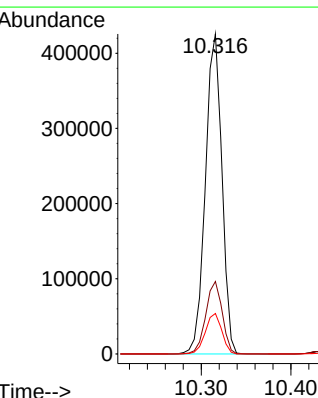
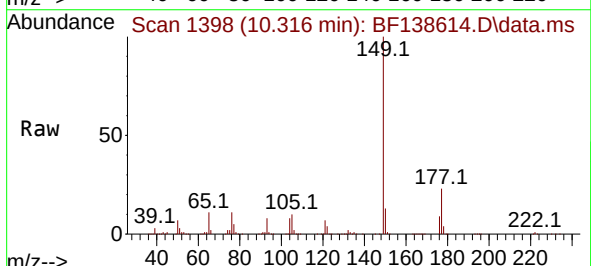
Tgt Ion:149 Resp: 543629

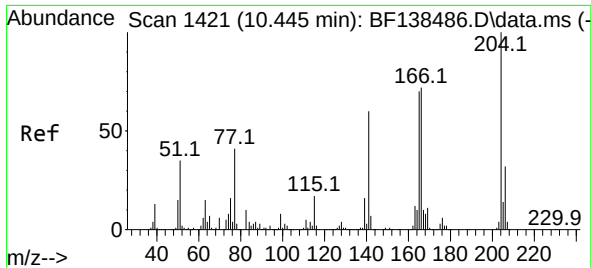
Ion Ratio Lower Upper

149 100

177 22.7 18.5 27.7

150 12.6 10.3 15.5

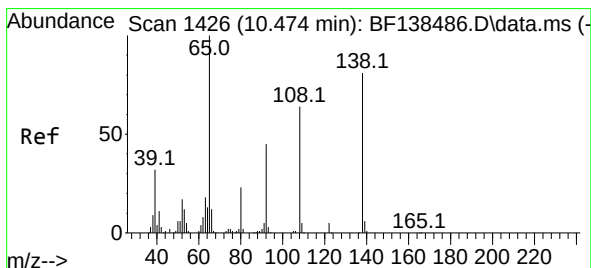
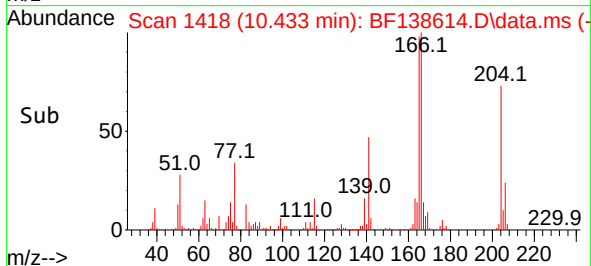
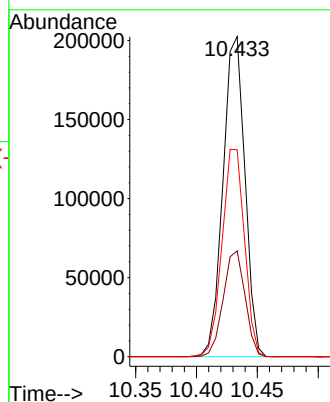
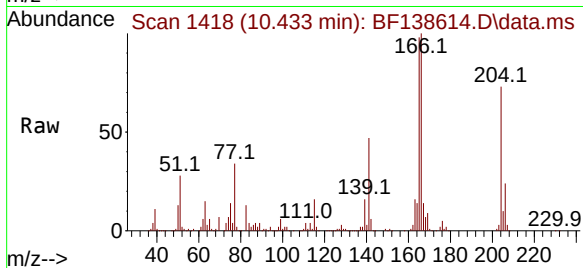




#61
4-Chlorophenyl-phenylether
Concen: 41.726 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

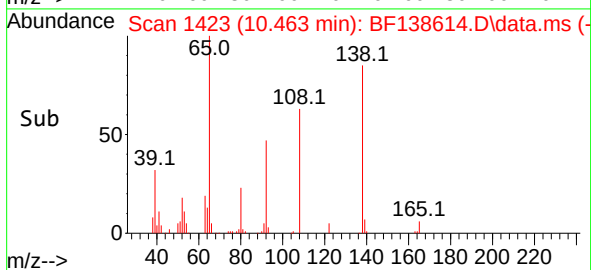
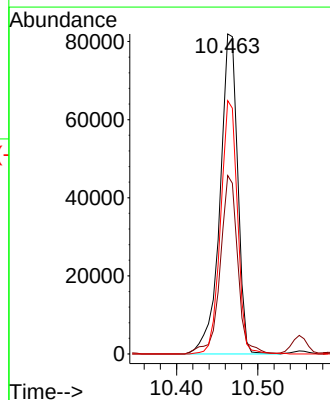
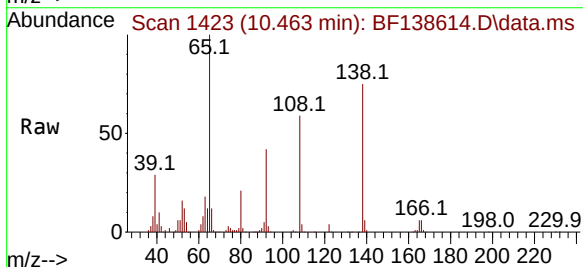
Instrument :
BNA_F
ClientSampleId :
PB162154BSD

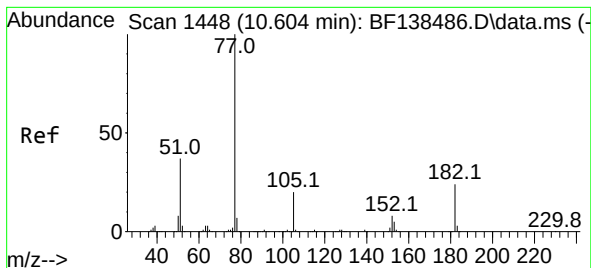
Tgt Ion:204 Resp: 254847
Ion Ratio Lower Upper
204 100
206 33.1 25.6 38.4
141 64.6 47.7 71.5



#62
4-Nitroaniline
Concen: 41.503 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion:138 Resp: 124479
Ion Ratio Lower Upper
138 100
92 55.8 35.8 75.8
108 79.1 59.8 99.8





#63

Azobenzene

Concen: 45.553 ng

RT: 10.592 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

Instrument :

BNA_F

ClientSampleId :

PB162154BSD

Tgt Ion: 77 Resp: 598825

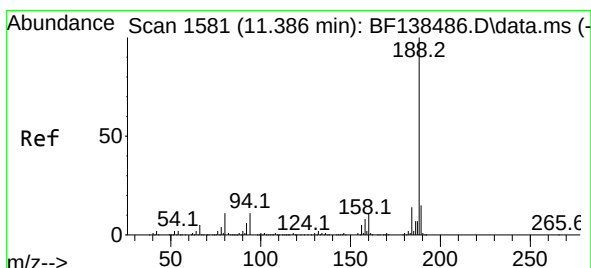
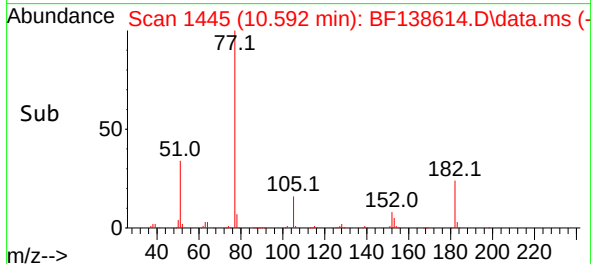
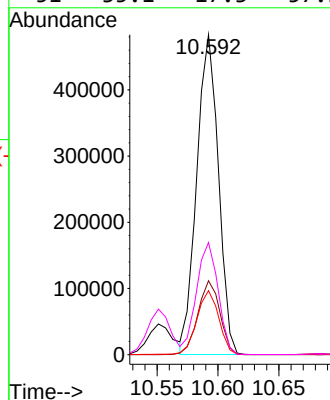
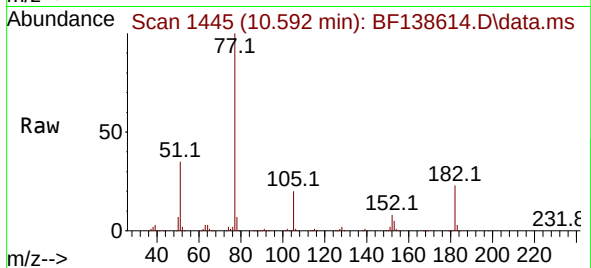
Ion Ratio Lower Upper

77 100

182 23.1 3.8 43.8

105 20.0 0.0 39.8

51 35.1 17.3 57.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1578

Delta R.T. -0.012 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

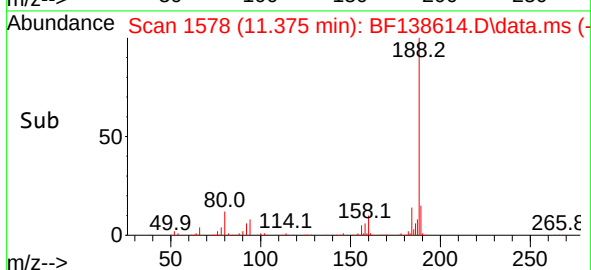
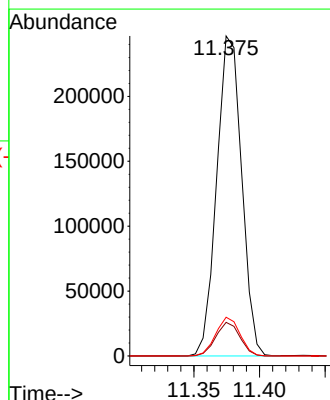
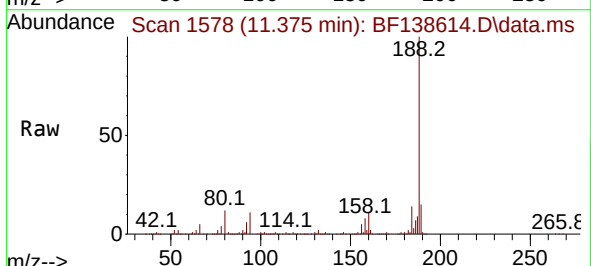
Tgt Ion:188 Resp: 325879

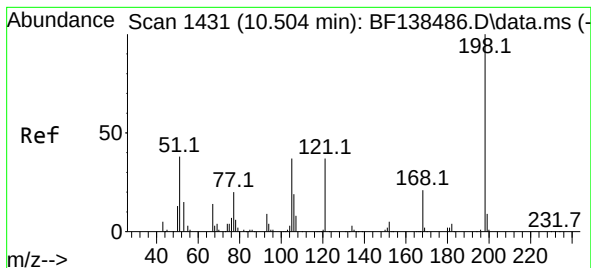
Ion Ratio Lower Upper

188 100

94 10.5 8.7 13.1

80 12.1 9.0 13.4

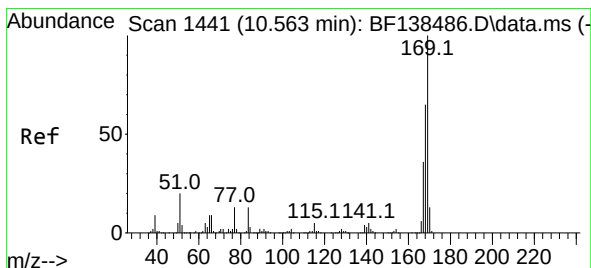
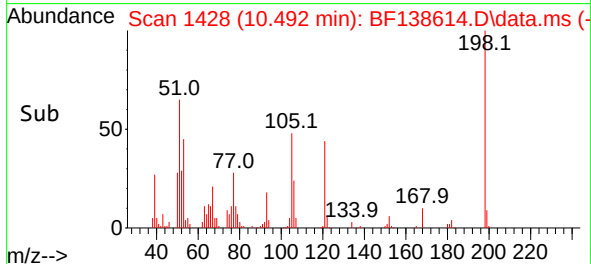
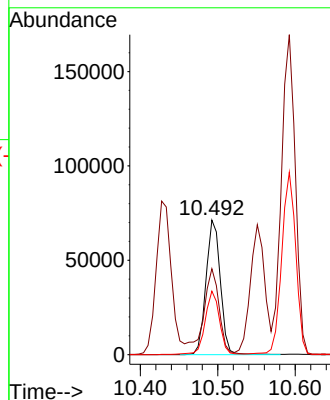
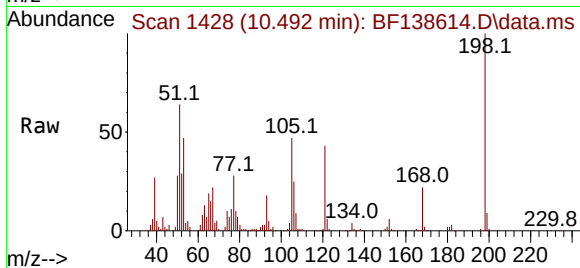




#65
4,6-Dinitro-2-methylphenol
Concen: 48.892 ng
RT: 10.492 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

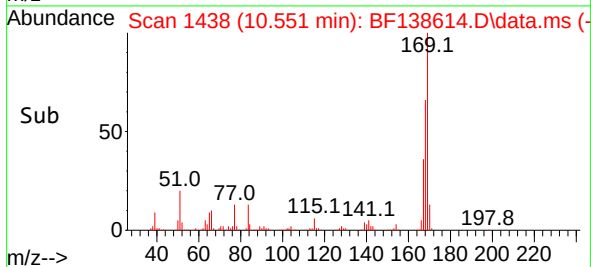
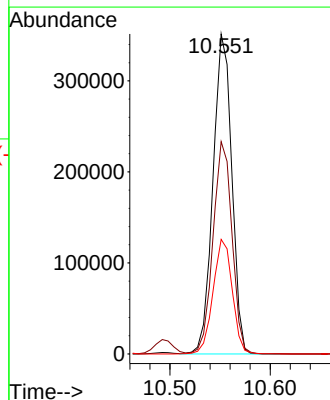
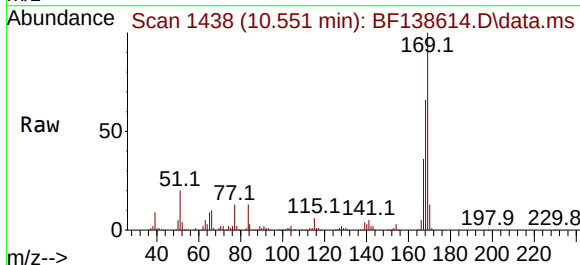
Instrument :
BNA_F
ClientSampleId :
PB162154BSD

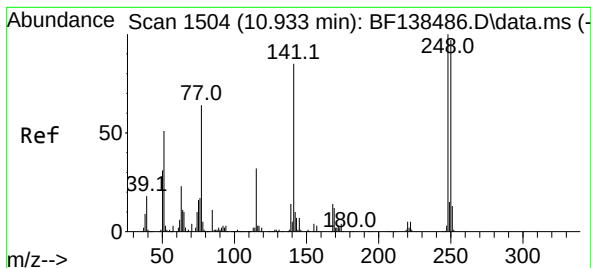
Tgt Ion:198 Resp: 91998
Ion Ratio Lower Upper
198 100
51 63.8 27.2 67.2
105 47.2 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 46.764 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion:169 Resp: 456581
Ion Ratio Lower Upper
169 100
168 66.3 51.7 77.5
167 35.8 28.5 42.7

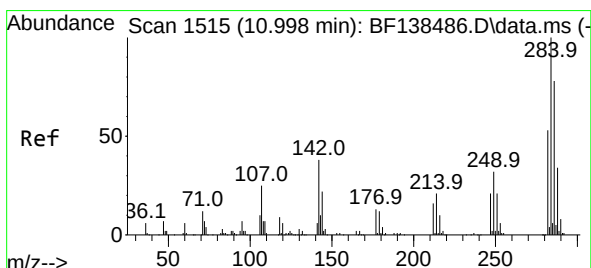
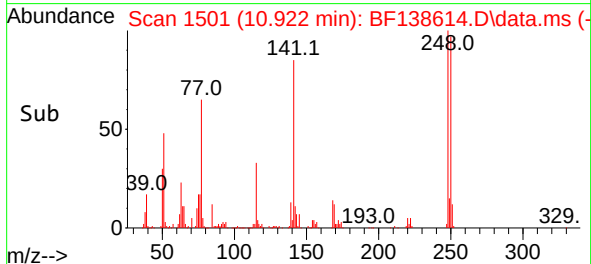
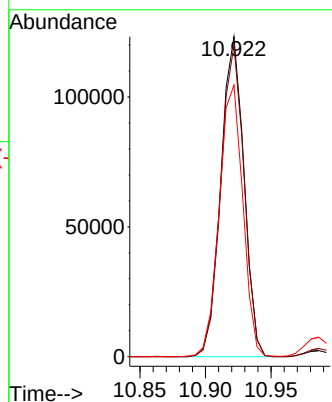
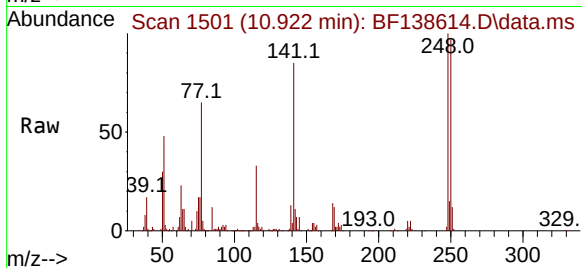




#67
4-Bromophenyl-phenylether
Concen: 45.090 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

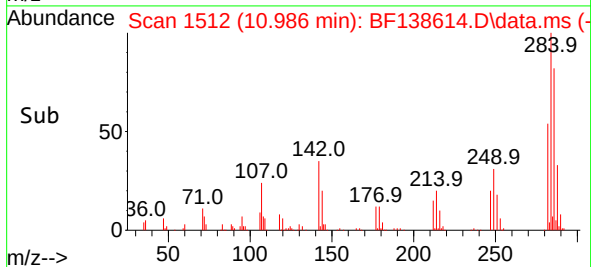
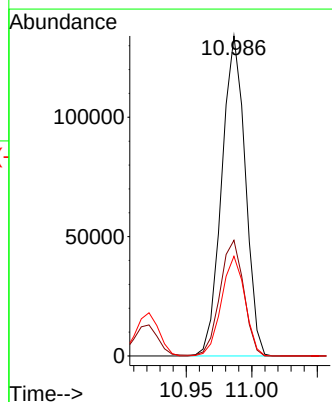
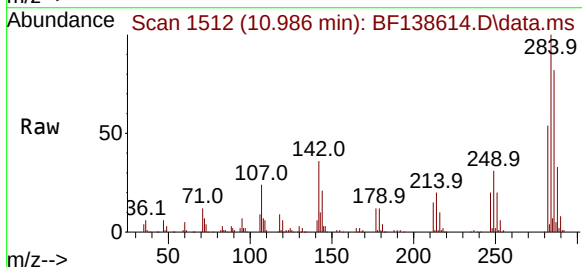
Instrument :
BNA_F
ClientSampleId :
PB162154BSD

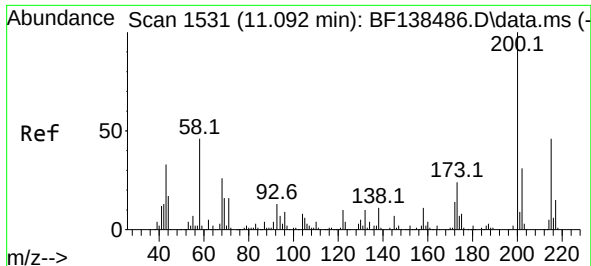
Tgt Ion:248 Resp: 151026
Ion Ratio Lower Upper
248 100
250 97.2 77.9 116.9
141 84.9 67.7 101.5



#68
Hexachlorobenzene
Concen: 44.933 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion:284 Resp: 167192
Ion Ratio Lower Upper
284 100
142 36.2 30.5 45.7
249 31.2 25.9 38.9

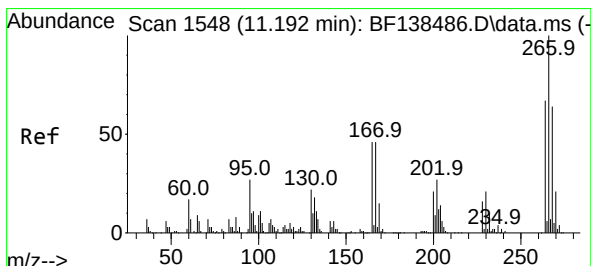
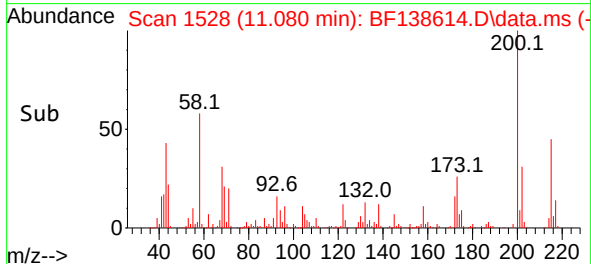
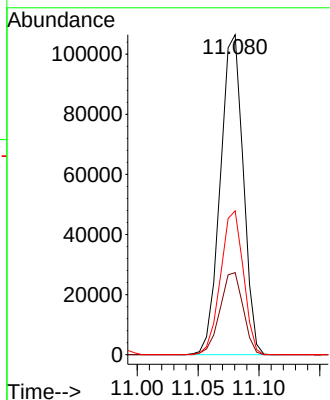
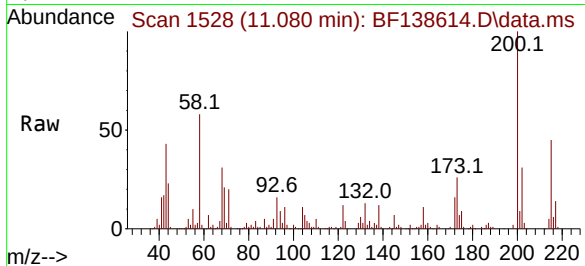




#69
 Atrazine
 Concen: 43.131 ng
 RT: 11.080 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF138614.D
 Acq: 23 Jul 2024 12:55

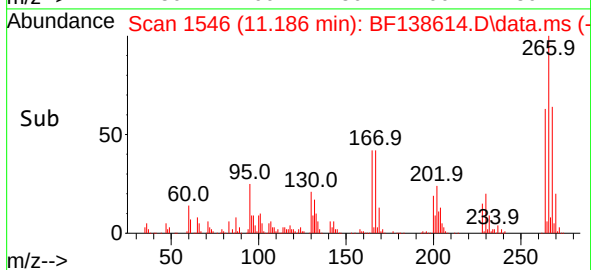
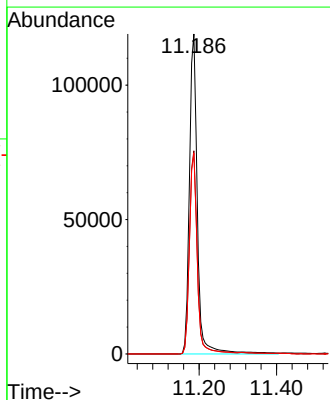
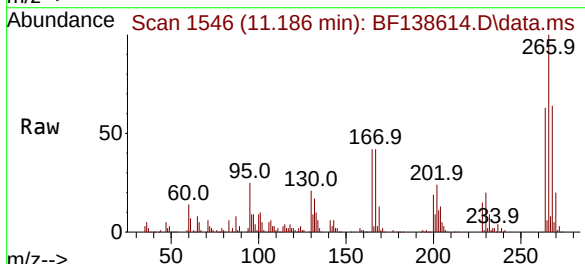
Instrument :
 BNA_F
 ClientSampleId :
 PB162154BSD

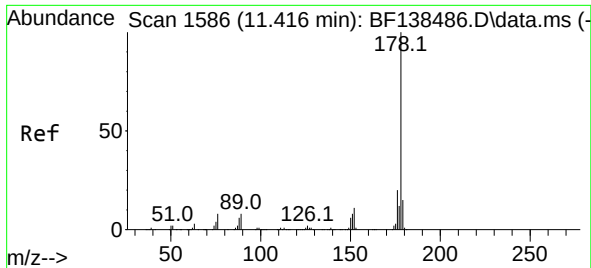
Tgt Ion:200 Resp: 139617
 Ion Ratio Lower Upper
 200 100
 173 25.6 4.1 44.1
 215 44.9 26.5 66.5



#70
 Pentachlorophenol
 Concen: 77.214 ng
 RT: 11.186 min Scan# 1546
 Delta R.T. -0.006 min
 Lab File: BF138614.D
 Acq: 23 Jul 2024 12:55

Tgt Ion:266 Resp: 170009
 Ion Ratio Lower Upper
 266 100
 268 63.5 50.9 76.3
 264 62.7 53.5 80.3

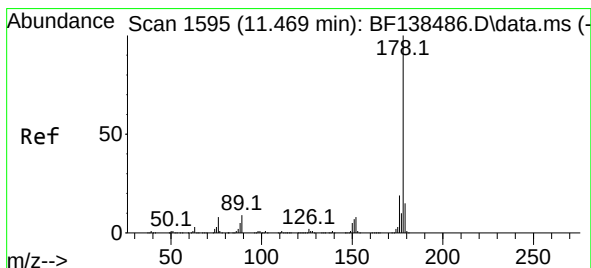
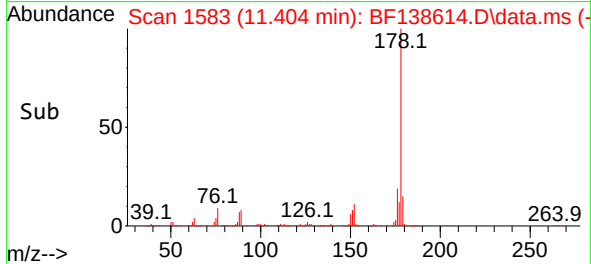
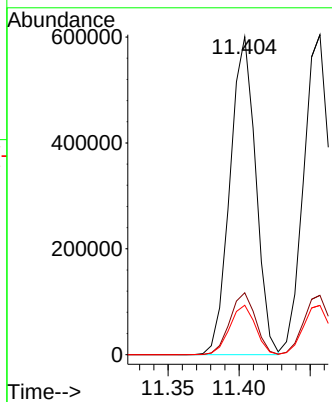
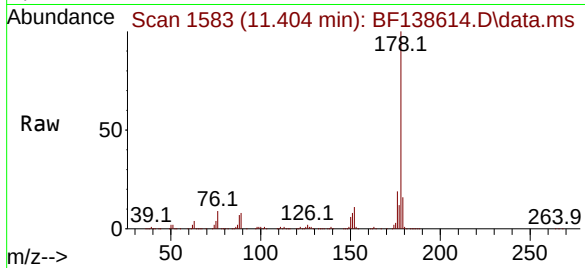




#71
Phenanthrene
Concen: 45.894 ng
RT: 11.404 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

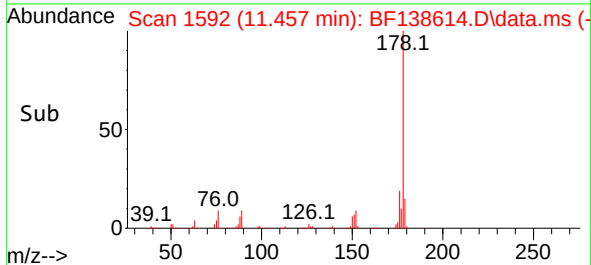
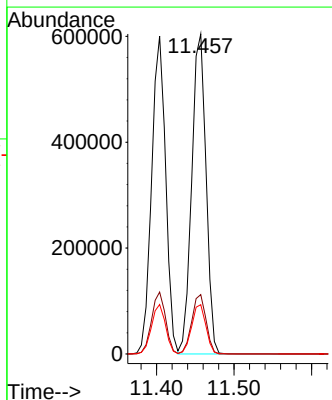
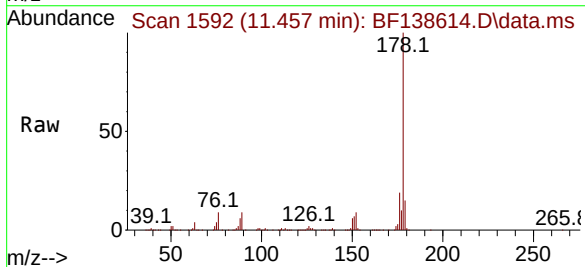
Instrument :
BNA_F
ClientSampleId :
PB162154BSD

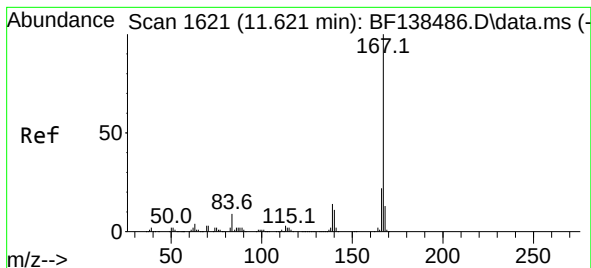
Tgt Ion:178 Resp: 755589
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.6 12.2 18.2



#72
Anthracene
Concen: 47.346 ng
RT: 11.457 min Scan# 1592
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion:178 Resp: 773763
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.4 12.2 18.4





#73

Carbazole

Concen: 45.316 ng

RT: 11.610 min Scan# 1618

Delta R.T. -0.012 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

Instrument :

BNA_F

ClientSampleId :

PB162154BSD

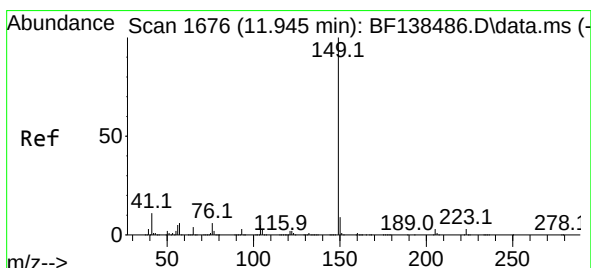
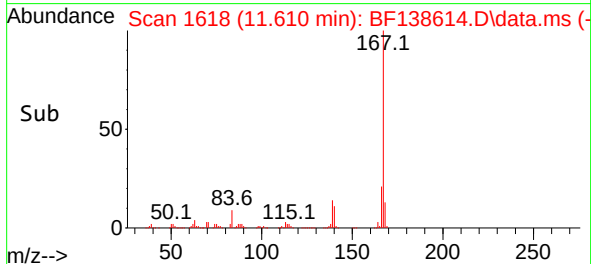
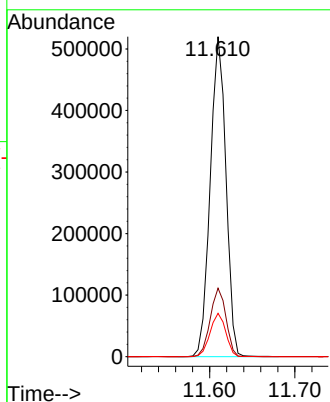
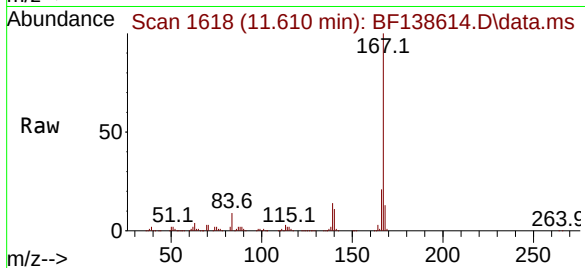
Tgt Ion:167 Resp: 665546

Ion Ratio Lower Upper

167 100

166 21.4 17.8 26.6

139 13.6 11.0 16.4



#74

Di-n-butylphthalate

Concen: 46.641 ng

RT: 11.933 min Scan# 1673

Delta R.T. -0.012 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

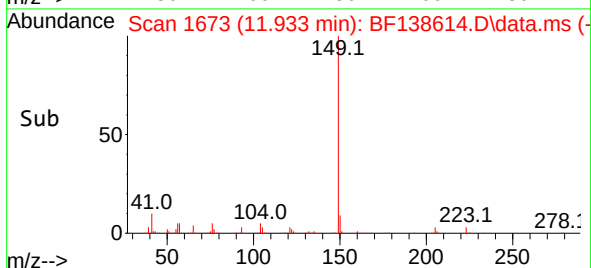
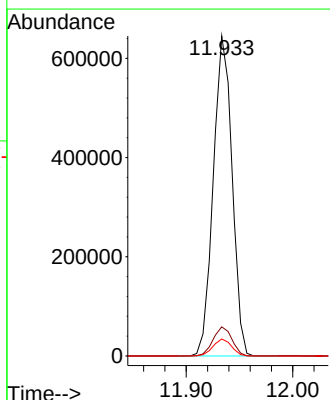
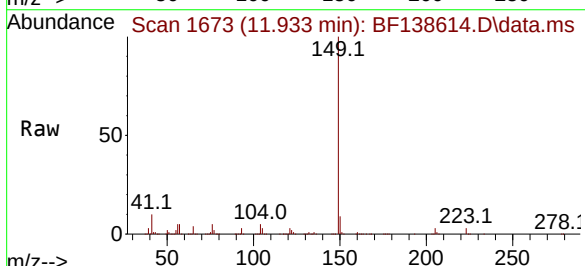
Tgt Ion:149 Resp: 789592

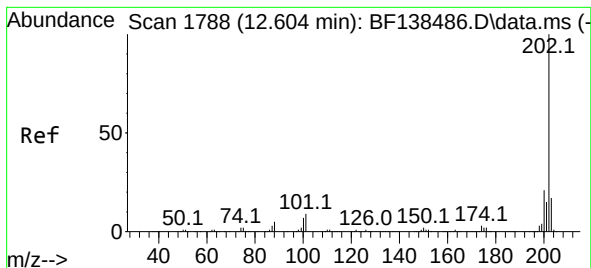
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.3 4.4 6.6





#75

Fluoranthene

Concen: 43.579 ng

RT: 12.586 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

Instrument :

BNA_F

ClientSampleId :

PB162154BSD

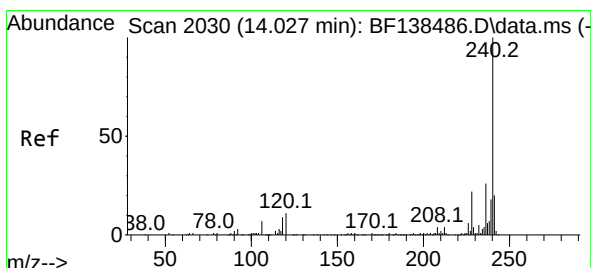
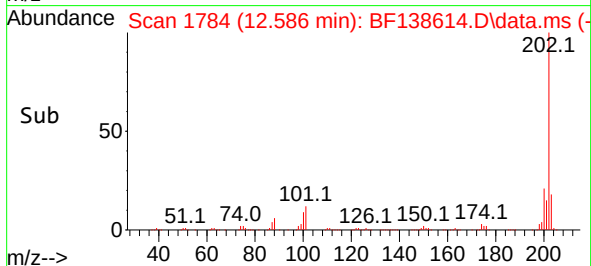
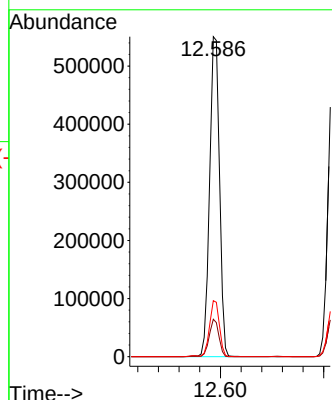
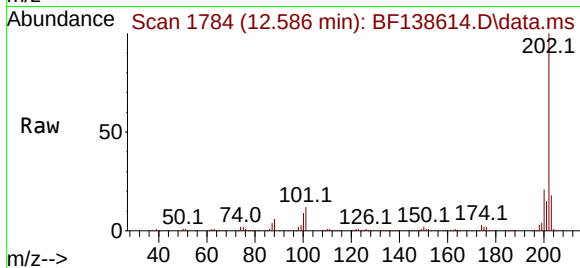
Tgt Ion:202 Resp: 732104

Ion Ratio Lower Upper

202 100

101 11.7 0.0 29.2

203 17.5 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.012 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

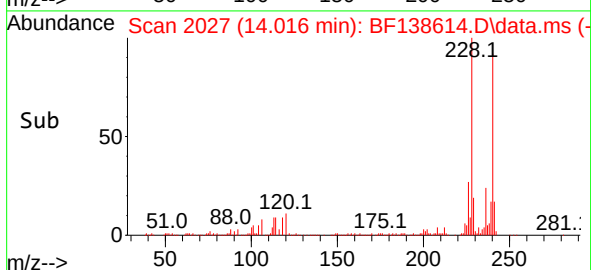
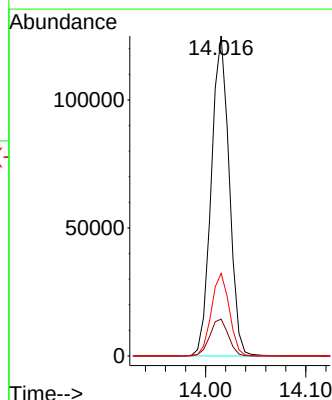
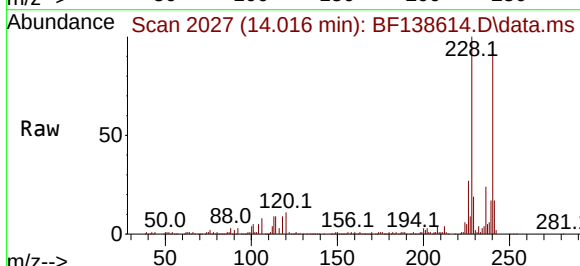
Tgt Ion:240 Resp: 155298

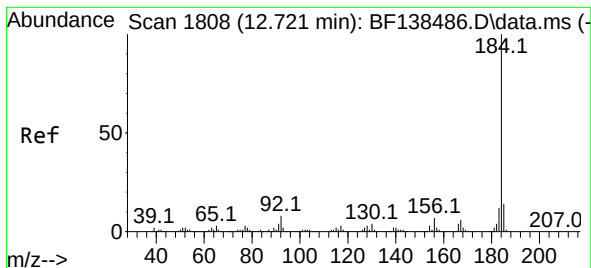
Ion Ratio Lower Upper

240 100

120 11.5 8.6 12.8

236 25.8 21.0 31.6





#77

Benzidine

Concen: 32.832 ng

RT: 12.710 min Scan# 1805

Delta R.T. -0.011 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

Instrument :

BNA_F

ClientSampleId :

PB162154BSD

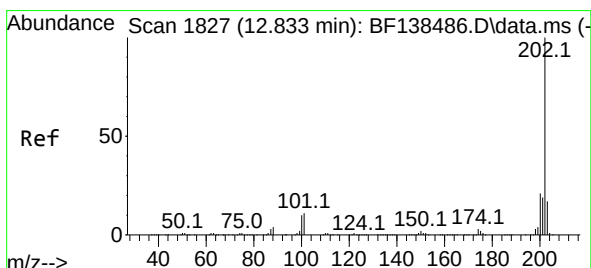
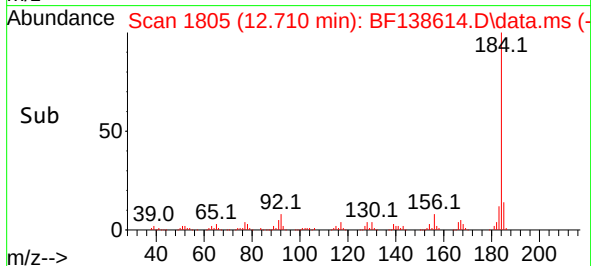
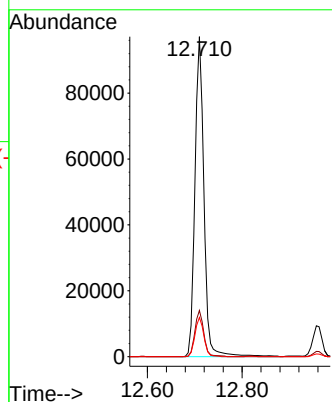
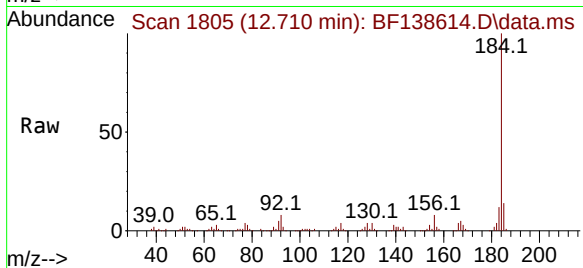
Tgt Ion:184 Resp: 128642

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

183 12.3 9.5 14.3



#78

Pyrene

Concen: 45.799 ng

RT: 12.822 min Scan# 1824

Delta R.T. -0.012 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

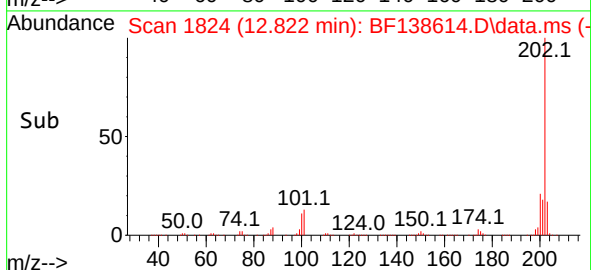
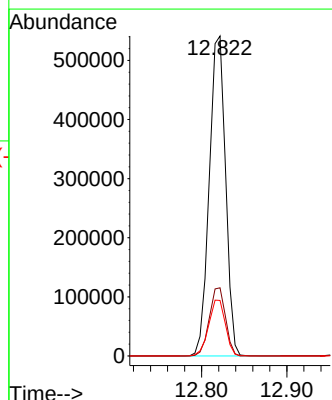
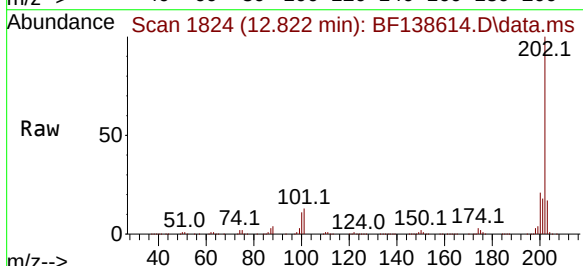
Tgt Ion:202 Resp: 722017

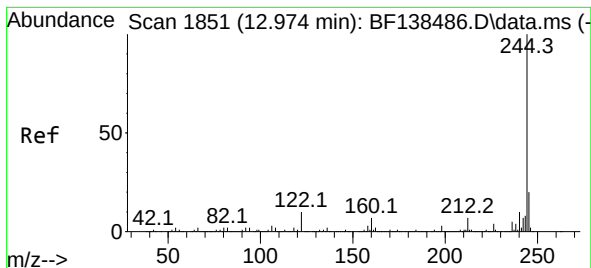
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

203 17.4 13.7 20.5





#79

Terphenyl-d14

Concen: 100.316 ng

RT: 12.963 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

Instrument :

BNA_F

ClientSampleId :

PB162154BSD

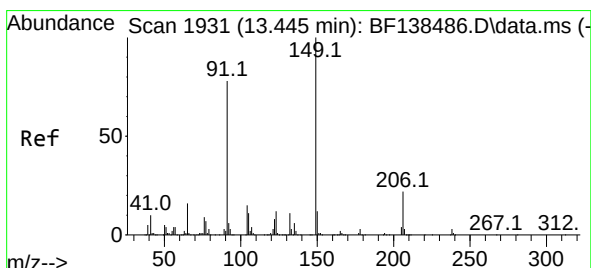
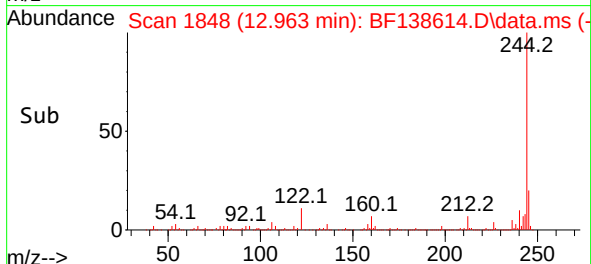
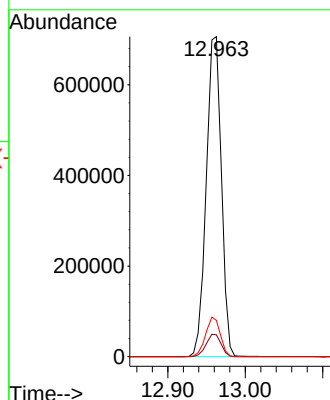
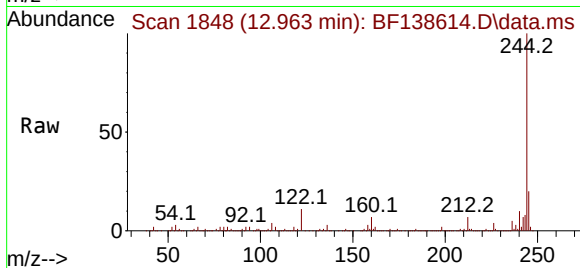
Tgt Ion:244 Resp: 956281

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 11.4 7.8 11.8



#80

Butylbenzylphthalate

Concen: 52.716 ng

RT: 13.433 min Scan# 1928

Delta R.T. -0.012 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

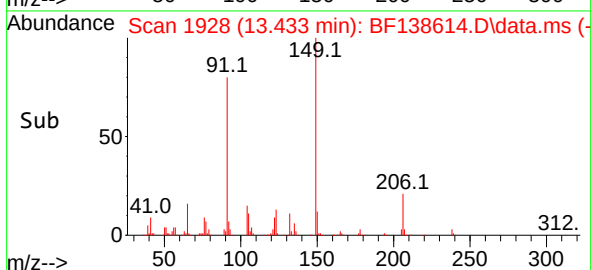
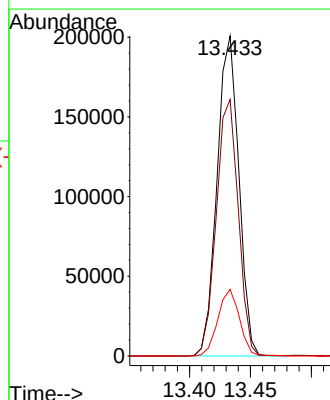
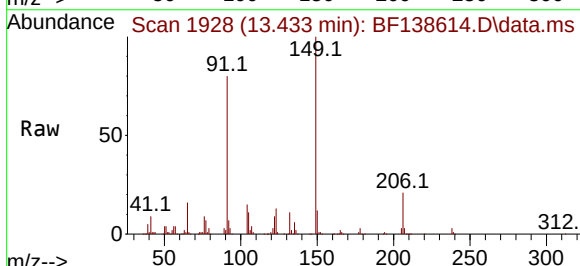
Tgt Ion:149 Resp: 249997

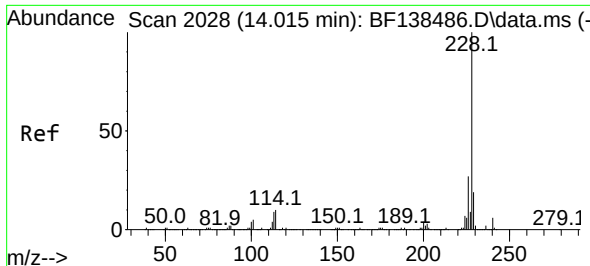
Ion Ratio Lower Upper

149 100

91 80.1 62.1 93.1

206 20.8 18.0 27.0

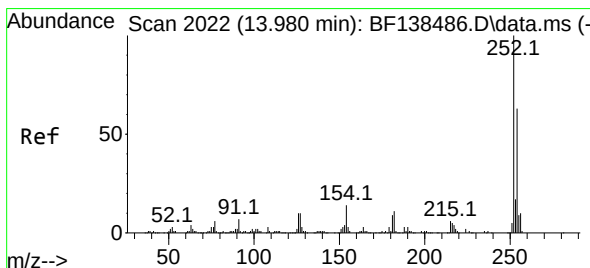
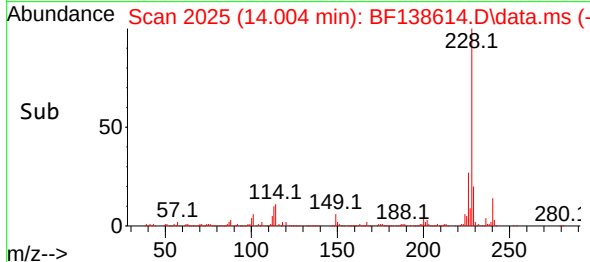
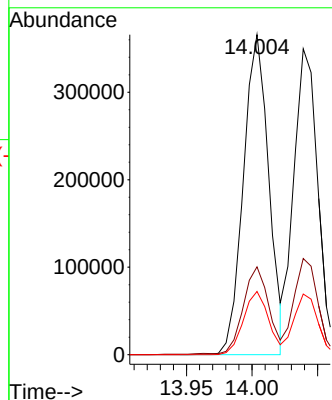
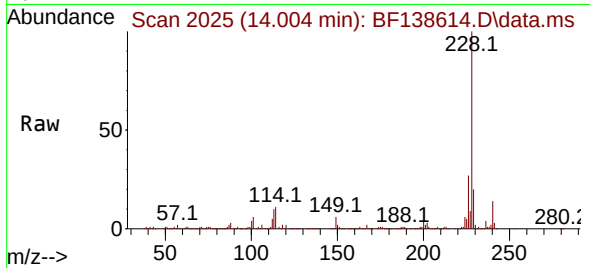




#81
Benzo(a)anthracene
Concen: 47.342 ng
RT: 14.004 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

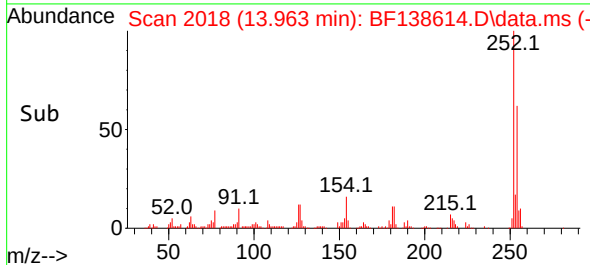
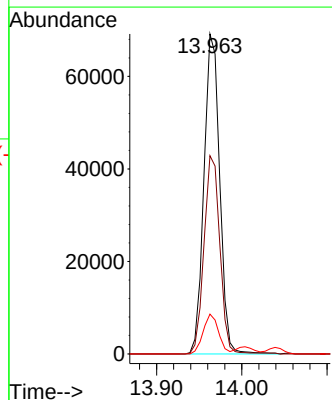
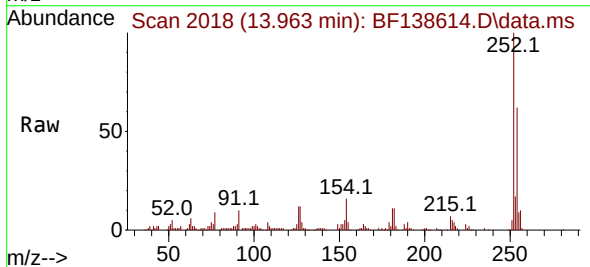
Instrument :
BNA_F
ClientSampleId :
PB162154BSD

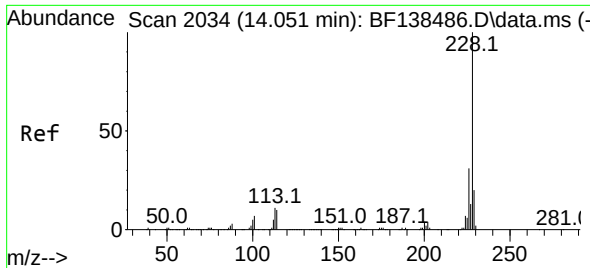
Tgt Ion:228 Resp: 493326
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 19.8 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 33.070 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.017 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion:252 Resp: 88796
Ion Ratio Lower Upper
252 100
254 62.0 50.3 75.5
126 12.4 8.1 12.1#





#83

Chrysene

Concen: 44.968 ng

RT: 14.039 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

Instrument :

BNA_F

ClientSampleId :

PB162154BSD

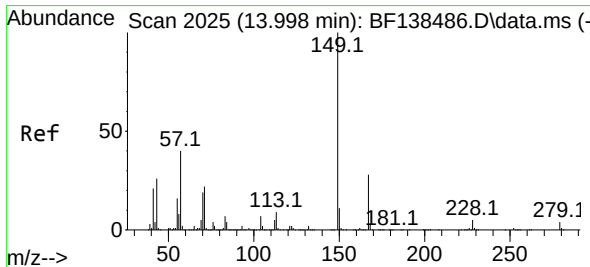
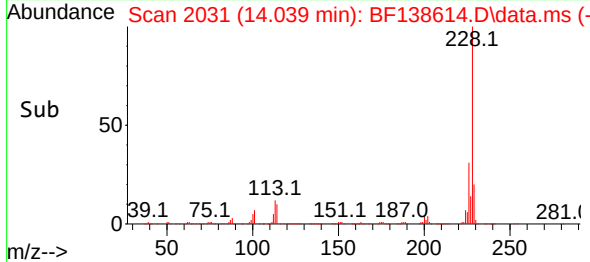
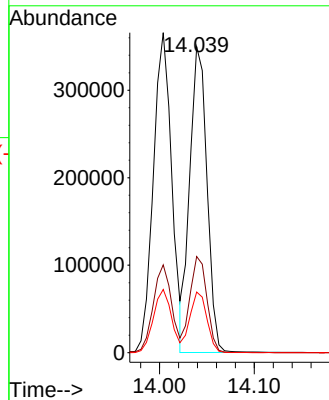
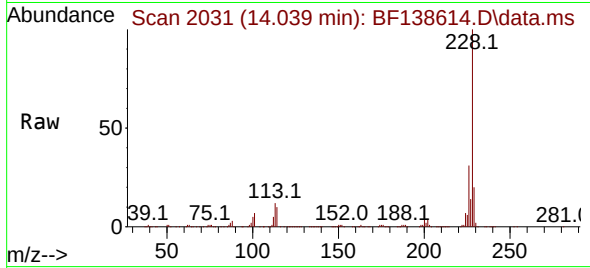
Tgt Ion:228 Resp: 443288

Ion Ratio Lower Upper

228 100

226 31.4 24.4 36.6

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.695 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

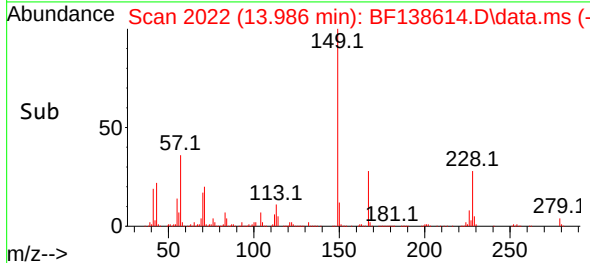
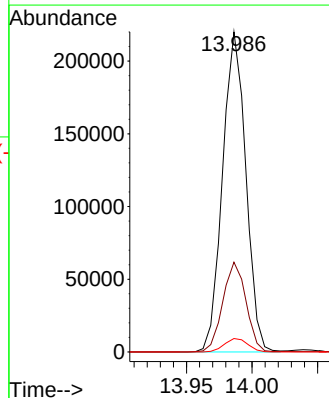
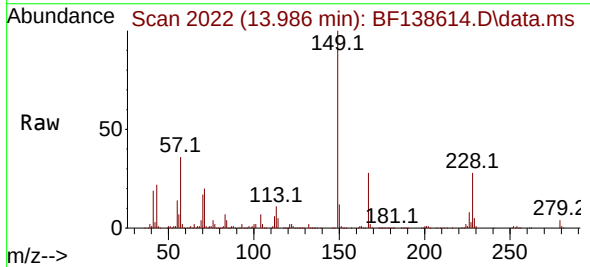
Tgt Ion:149 Resp: 271577

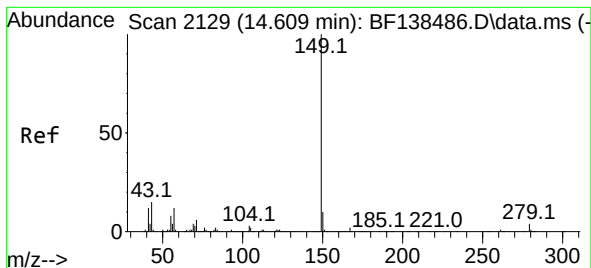
Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 48.107 ng

RT: 14.598 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

Instrument :

BNA_F

ClientSampleId :

PB162154BSD

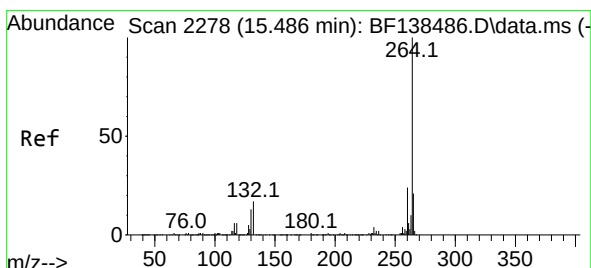
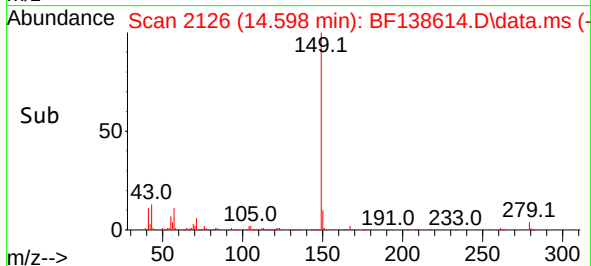
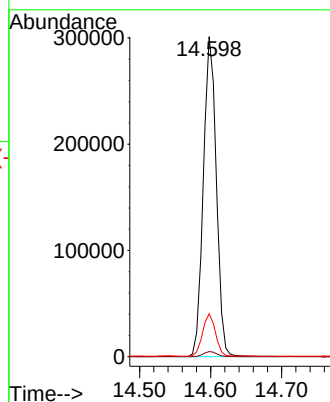
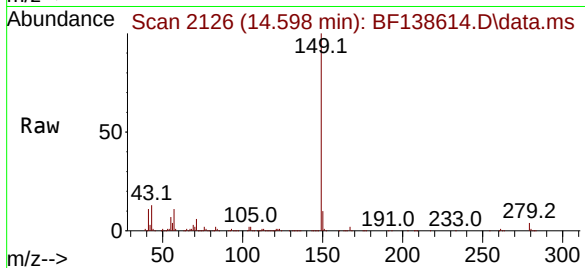
Tgt Ion:149 Resp: 384380

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.2 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2275

Delta R.T. -0.012 min

Lab File: BF138614.D

Acq: 23 Jul 2024 12:55

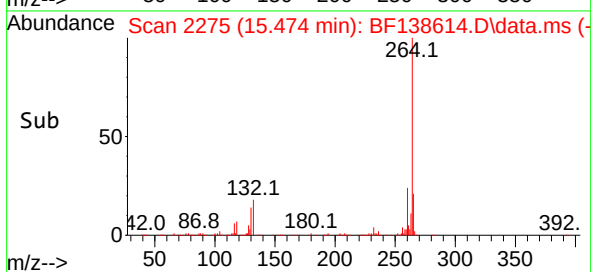
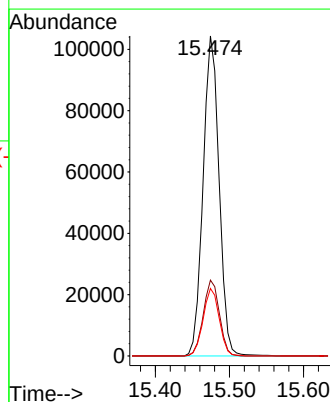
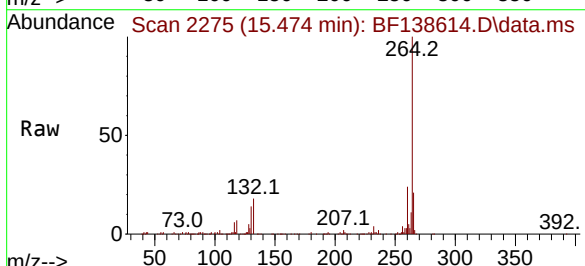
Tgt Ion:264 Resp: 157089

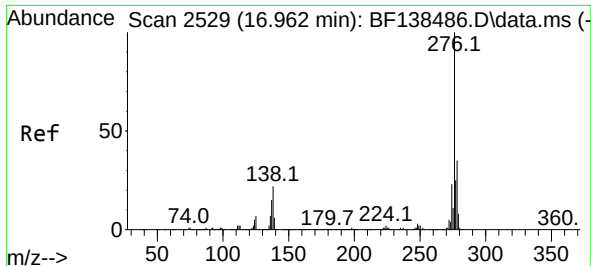
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.1 17.0 25.4

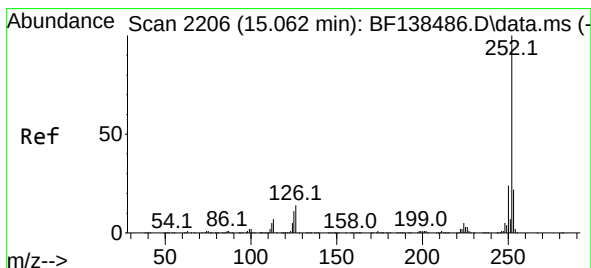
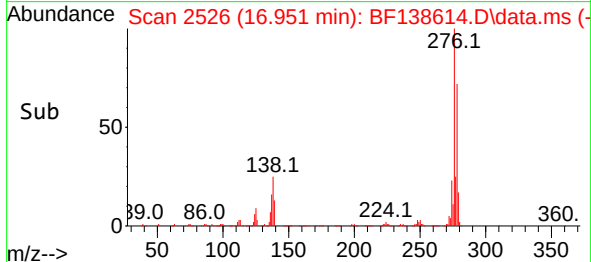
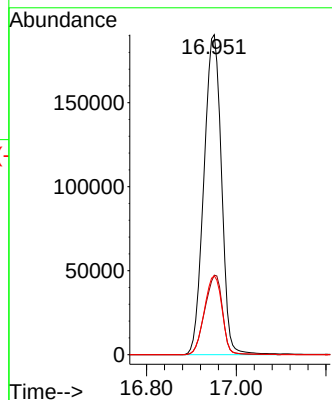
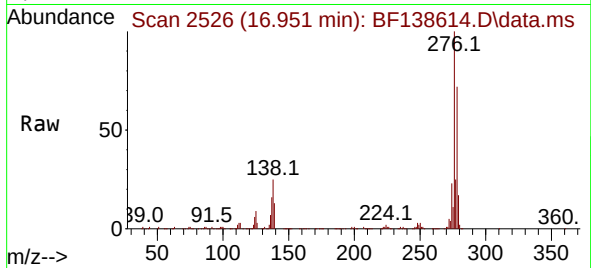




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.036 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

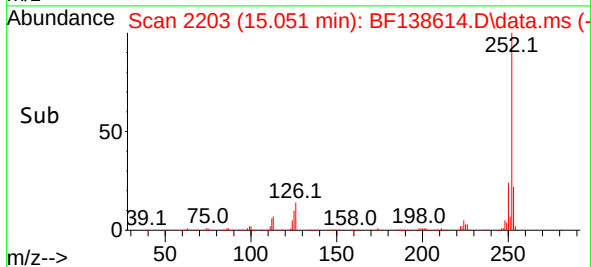
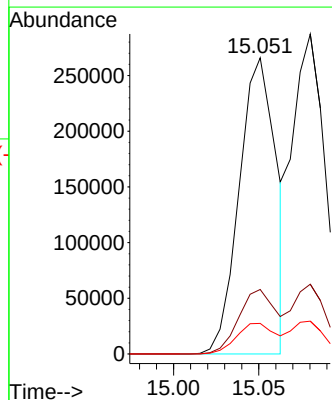
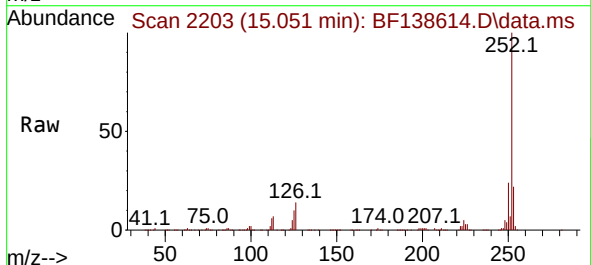
Instrument :
BNA_F
ClientSampleId :
PB162154BSD

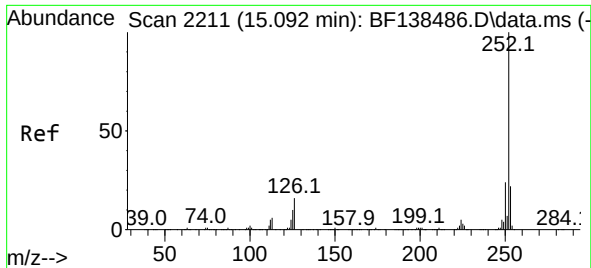
Tgt Ion:276 Resp: 517412
Ion Ratio Lower Upper
276 100
138 25.0 19.6 29.4
277 25.0 20.5 30.7



#88
Benzo(b)fluoranthene
Concen: 45.103 ng
RT: 15.051 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion:252 Resp: 399018
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 10.3 8.6 13.0

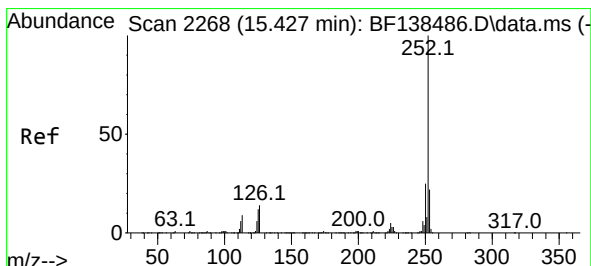
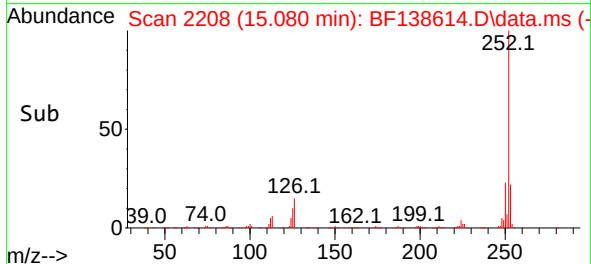
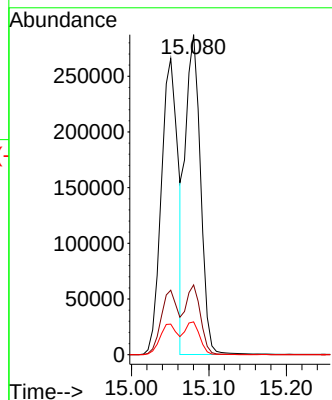
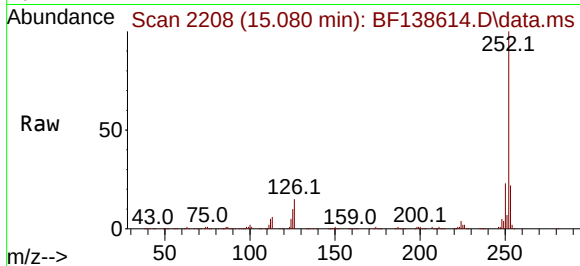




#89
Benzo(k)fluoranthene
Concen: 44.906 ng
RT: 15.080 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

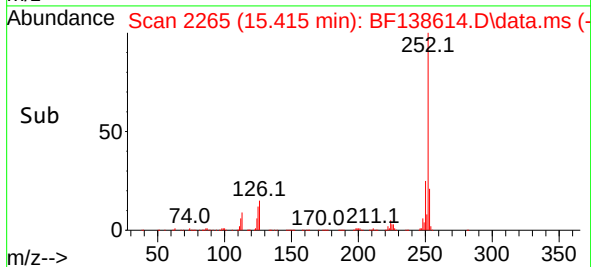
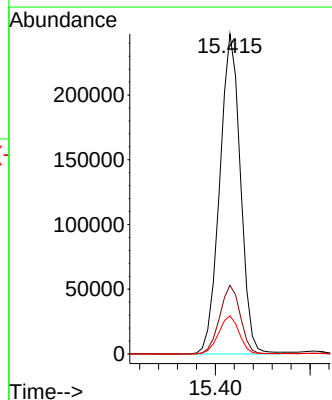
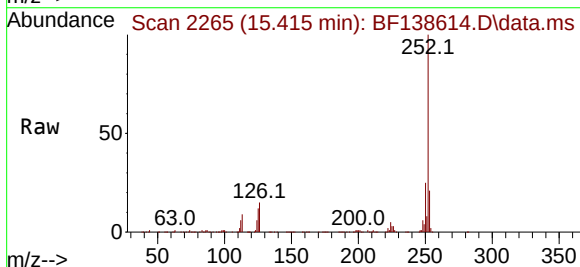
Instrument :
BNA_F
ClientSampleId :
PB162154BSD

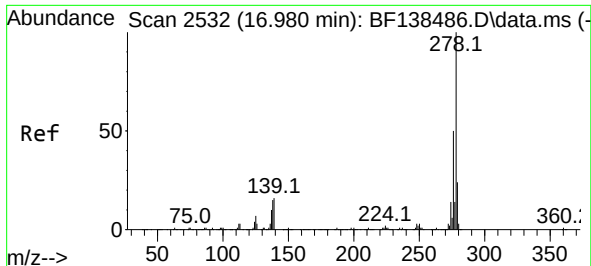
Tgt Ion:252 Resp: 387456
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 10.3 8.1 12.1



#90
Benzo(a)pyrene
Concen: 48.416 ng
RT: 15.415 min Scan# 2265
Delta R.T. -0.012 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion:252 Resp: 376265
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 11.9 9.4 14.2

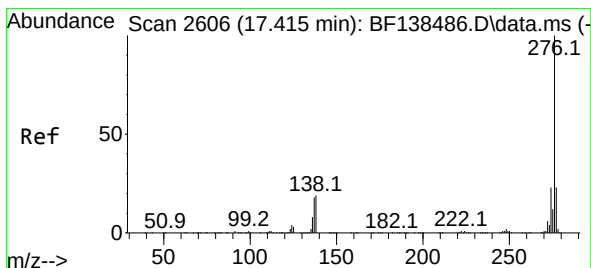
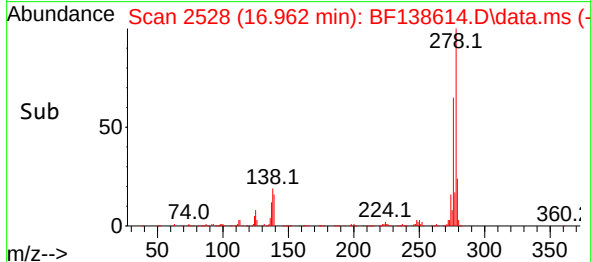
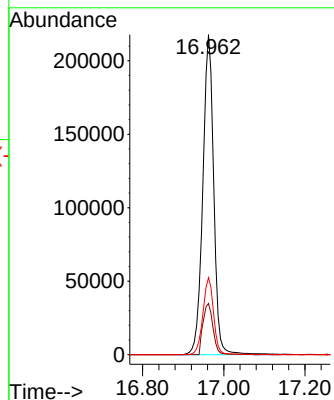
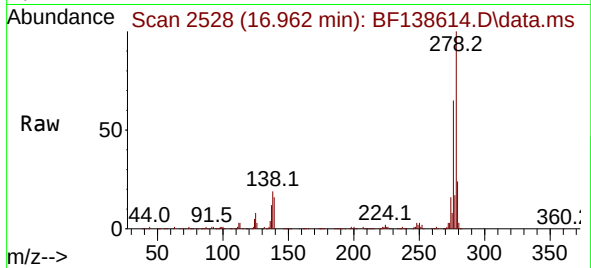




#91
Dibenzo(a,h)anthracene
Concen: 47.305 ng
RT: 16.962 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Instrument :
BNA_F
ClientSampleId :
PB162154BSD

Tgt Ion:278 Resp: 408310
Ion Ratio Lower Upper
278 100
139 16.0 12.8 19.2
279 24.1 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 44.106 ng
RT: 17.392 min Scan# 2601
Delta R.T. -0.023 min
Lab File: BF138614.D
Acq: 23 Jul 2024 12:55

Tgt Ion:276 Resp: 403690
Ion Ratio Lower Upper
276 100
277 23.3 18.0 27.0
138 21.6 15.5 23.3

