

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138626.D
 Acq On : 23 Jul 2024 19:06
 Operator : RC/JU
 Sample : P3302-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 01:15:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	76110	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	307390	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	157764	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	218173	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	121691	20.000	ng	-0.02
86) Perylene-d12	15.468	264	111117	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	545388	113.489	ng	0.00
7) Phenol-d6	6.498	99	754751	118.060	ng	0.00
23) Nitrobenzene-d5	7.422	82	480111	76.685	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	150989	102.403	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	800558	79.308	ng	-0.02
79) Terphenyl-d14	12.951	244	532093	71.233	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	98075	46.079	ng	96
3) Pyridine	3.463	79	259028	49.350	ng	96
4) n-Nitrosodimethylamine	3.434	42	187328	54.825	ng	91
6) Aniline	6.516	93	168480	28.137	ng	# 1
8) 2-Chlorophenol	6.645	128	292356	57.534	ng	99
9) Benzaldehyde	6.404	77	24987	7.302	ng	97
10) Phenol	6.510	94	373253	55.005	ng	94
11) bis(2-Chloroethyl)ether	6.592	93	289311	56.627	ng	98
12) 1,3-Dichlorobenzene	6.792	146	298409	52.244	ng	97
13) 1,4-Dichlorobenzene	6.869	146	300508	51.809	ng	98
14) 1,2-Dichlorobenzene	7.022	146	288187	53.346	ng	96
15) Benzyl Alcohol	6.998	79	279092	58.171	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	506293	50.392	ng	78
17) 2-Methylphenol	7.116	107	229962	55.219	ng	# 91
18) Hexachloroethane	7.363	117	113869	53.401	ng	95
19) n-Nitroso-di-n-propyla...	7.269	70	220497	55.819	ng	95
20) 3+4-Methylphenols	7.269	107	291855	55.652	ng	90
22) Acetophenone	7.263	105	373945	50.089	ng	# 99
24) Nitrobenzene	7.439	77	332035	52.188	ng	97
25) Isophorone	7.681	82	597420	55.565	ng	99
26) 2-Nitrophenol	7.757	139	154172	56.537	ng	97
27) 2,4-Dimethylphenol	7.792	122	205455	61.302	ng	99
28) bis(2-Chloroethoxy)met...	7.886	93	356430	55.470	ng	98
29) 2,4-Dichlorophenol	7.998	162	229302	52.686	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	248625	49.038	ng	98
31) Naphthalene	8.157	128	836761	52.341	ng	99
32) Benzoic acid	7.934	122	136669	42.755	ng	97
33) 4-Chloroaniline	8.210	127	60840	10.846	ng	98
34) Hexachlorobutadiene	8.269	225	147295	47.178	ng	100
35) Caprolactam	8.586	113	52541	37.411	ng	99
36) 4-Chloro-3-methylphenol	8.698	107	259038	53.164	ng	99
37) 2-Methylnaphthalene	8.851	142	525277	51.058	ng	99
38) 1-Methylnaphthalene	8.945	142	483993	48.204	ng	98
40) 1,2,4,5-Tetrachloroben...	9.016	216	218276	49.642	ng	99
41) Hexachlorocyclopentadiene	8.998	237	139632	97.838	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	147402	52.554	ng	100

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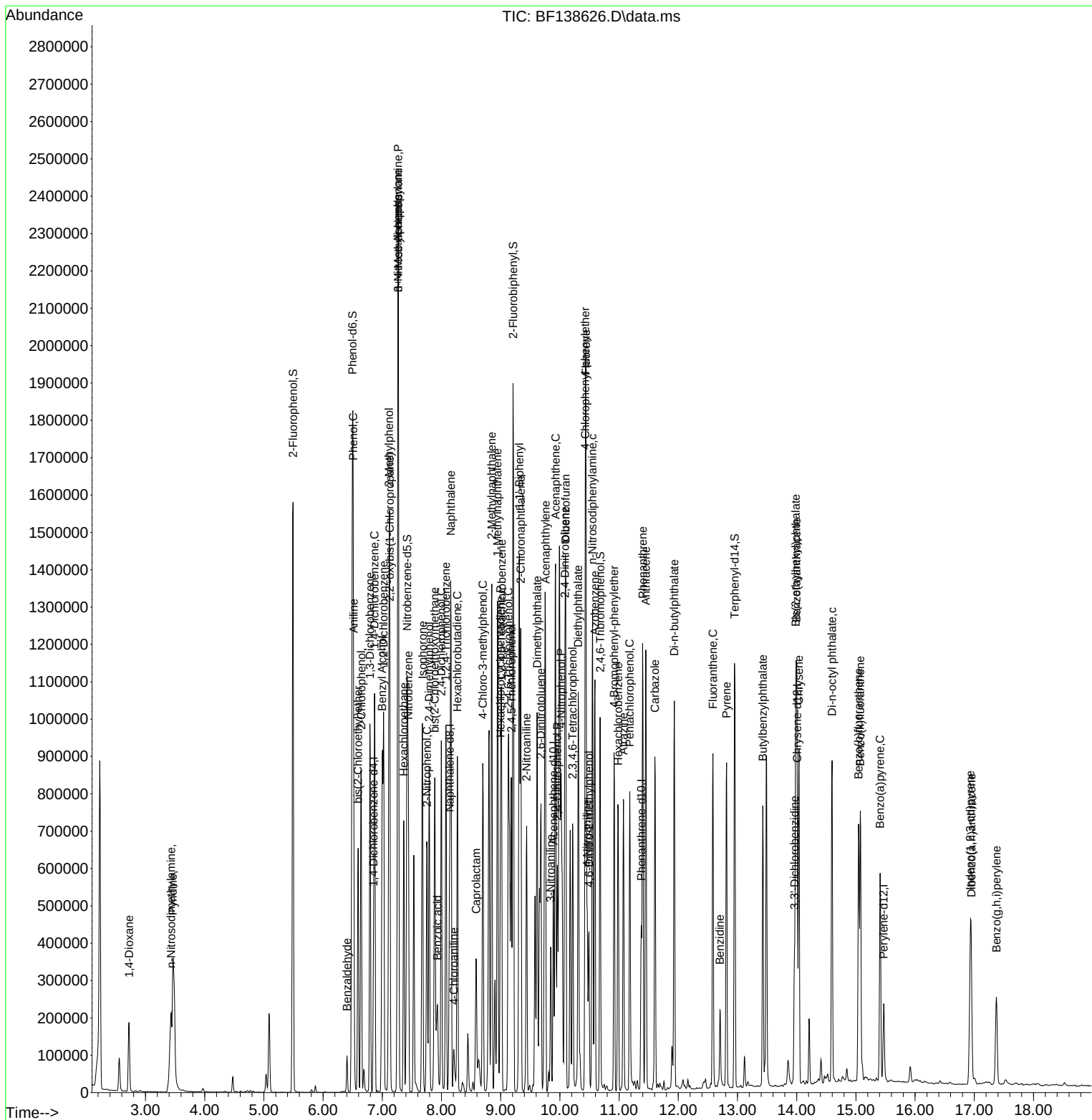
Instrument :
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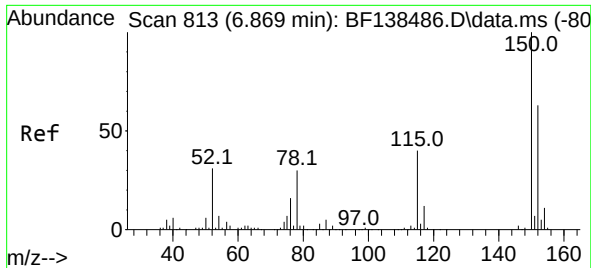
Quant Time: Jul 24 01:15:06 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	152740	49.512	ng	95
46) 1,1'-Biphenyl	9.316	154	605237	50.622	ng	99
47) 2-Chloronaphthalene	9.339	162	472983	52.366	ng	98
48) 2-Nitroaniline	9.439	65	174872	55.870	ng	96
49) Acenaphthylene	9.757	152	741042	57.787	ng	100
50) Dimethylphthalate	9.616	163	566763	55.558	ng	100
51) 2,6-Dinitrotoluene	9.680	165	122126	51.995	ng	90
52) Acenaphthene	9.927	154	460927	54.073	ng	100
53) 3-Nitroaniline	9.845	138	71801	29.825	ng	88
54) 2,4-Dinitrophenol	9.957	184	96832	77.001	ng	94
55) Dibenzofuran	10.098	168	641277	51.866	ng	99
56) 4-Nitrophenol	10.022	139	148698	83.712	ng	98
57) 2,4-Dinitrotoluene	10.086	165	153131	50.388	ng	91
58) Fluorene	10.439	166	492816	50.374	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	115479	47.432	ng	97
60) Diethylphthalate	10.310	149	531748	54.070	ng	98
61) 4-Chlorophenyl-phenyle...	10.427	204	244800	49.832	ng	92
62) 4-Nitroaniline	10.463	138	104547	43.338	ng	98
63) Azobenzene	10.592	77	564168	53.357	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	72810	57.797	ng	85
66) n-Nitrosodiphenylamine	10.551	169	426375	65.229	ng	98
67) 4-Bromophenyl-phenylether	10.916	248	137902	61.497	ng	96
68) Hexachlorobenzene	10.986	284	142570	57.231	ng	95
69) Atrazine	11.074	200	119696	55.231	ng	97
70) Pentachlorophenol	11.180	266	128032	86.855	ng	98
71) Phenanthrene	11.398	178	615795	55.868	ng	99
72) Anthracene	11.451	178	615421	56.247	ng	99
73) Carbazole	11.604	167	489658	49.799	ng	99
74) Di-n-butylphthalate	11.933	149	692295	61.082	ng	99
75) Fluoranthene	12.586	202	492220	43.764	ng	97
77) Benzidine	12.704	184	107738	35.091	ng	99
78) Pyrene	12.816	202	491229	39.765	ng	99
80) Butylbenzylphthalate	13.427	149	223321	60.096	ng	96
81) Benzo(a)anthracene	13.998	228	477001	58.417	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	86582	41.150	ng	99
83) Chrysene	14.039	228	409994	53.077	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	296393	74.785	ng	# 99
85) Di-n-octyl phthalate	14.598	149	527869	84.311	ng	100
87) Indeno(1,2,3-cd)pyrene	16.933	276	272823	36.553	ng	99
88) Benzo(b)fluoranthene	15.045	252	442877	70.772	ng	99
89) Benzo(k)fluoranthene	15.074	252	365551	59.895	ng	99
90) Benzo(a)pyrene	15.409	252	331277	60.263	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	221772	36.324	ng	98
92) Benzo(g,h,i)perylene	17.374	276	208584	32.218	ng	97

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

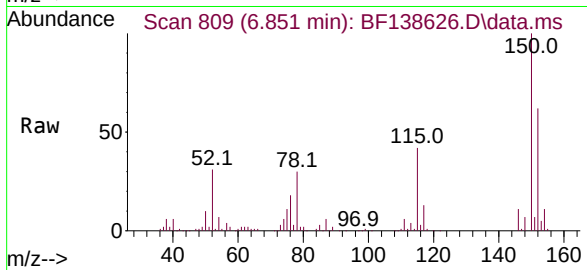
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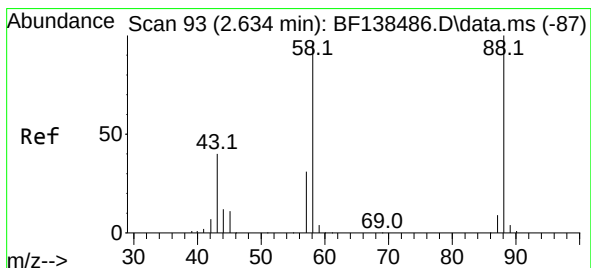
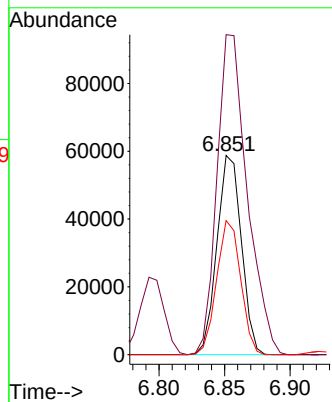
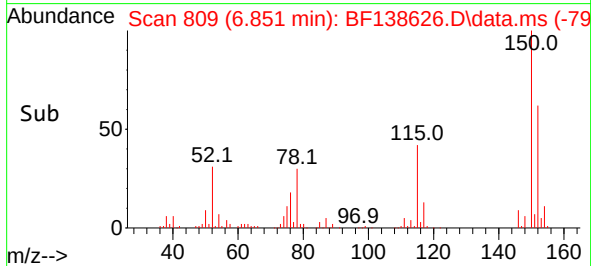


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BF138626.D
 Acq: 23 Jul 2024 19:06

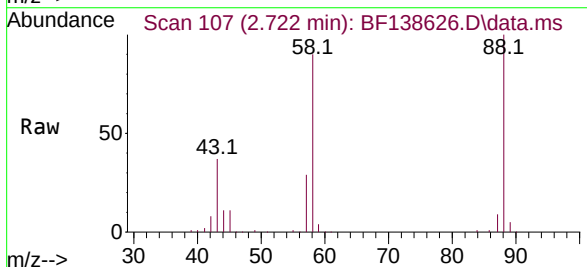
Instrument :
 BNA_F
 ClientSampleId :



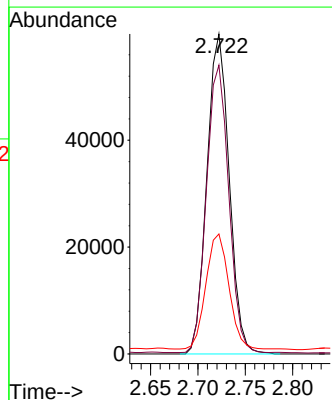
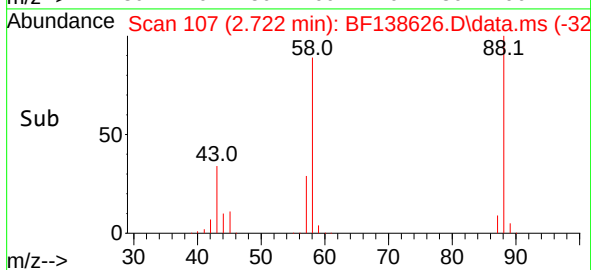
Tgt Ion:152 Resp: 76110
 Ion Ratio Lower Upper
 152 100
 150 160.6 126.2 189.4
 115 67.3 50.3 75.5

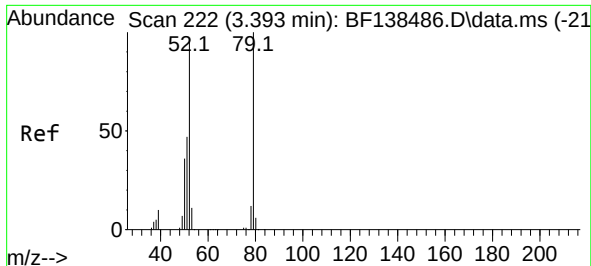


#2
 1,4-Dioxane
 Concen: 46.079 ng
 RT: 2.722 min Scan# 107
 Delta R.T. 0.088 min
 Lab File: BF138626.D
 Acq: 23 Jul 2024 19:06



Tgt Ion: 88 Resp: 98075
 Ion Ratio Lower Upper
 88 100
 58 89.6 74.6 112.0
 43 37.8 31.8 47.6





#3

Pyridine

Concen: 49.350 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.071 min

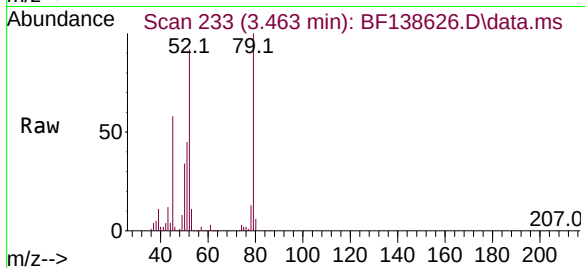
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Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :



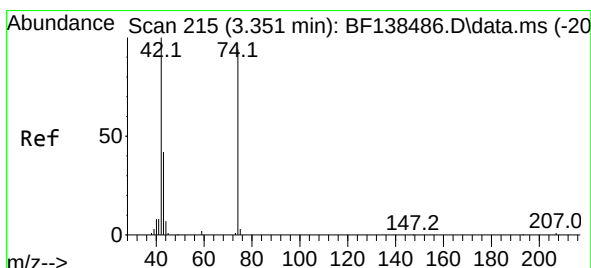
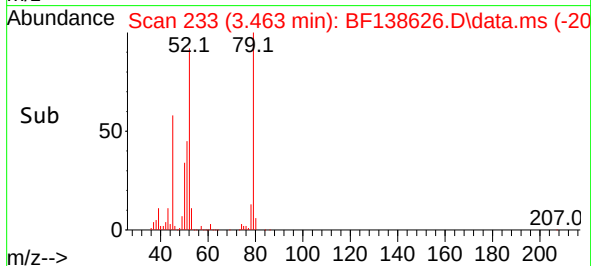
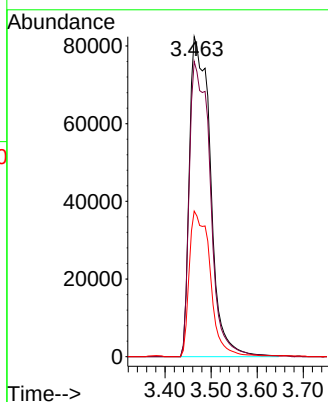
Tgt Ion: 79 Resp: 259028

Ion Ratio Lower Upper

79 100

52 92.3 77.4 116.2

51 45.5 37.4 56.0



#4

n-Nitrosodimethylamine

Concen: 54.825 ng

RT: 3.434 min Scan# 228

Delta R.T. 0.082 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

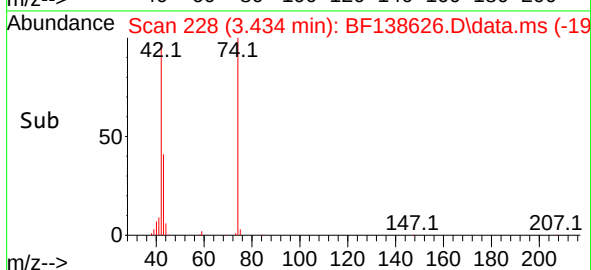
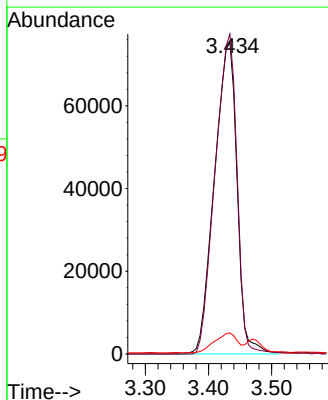
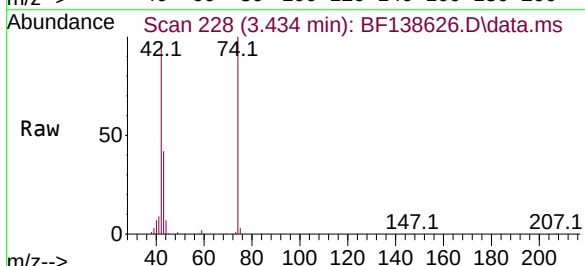
Tgt Ion: 42 Resp: 187328

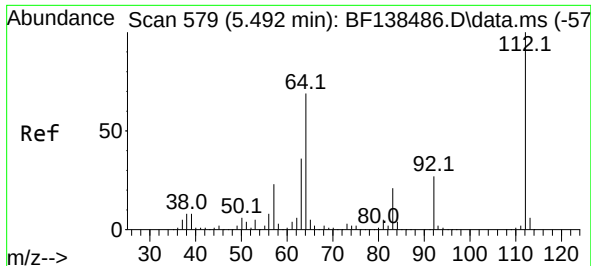
Ion Ratio Lower Upper

42 100

74 102.7 75.0 112.6

44 6.8 5.4 8.2

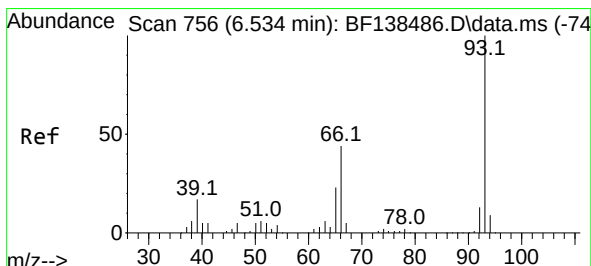
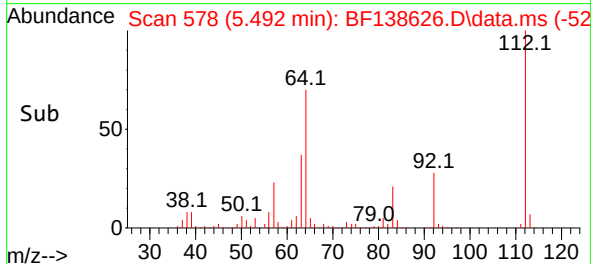
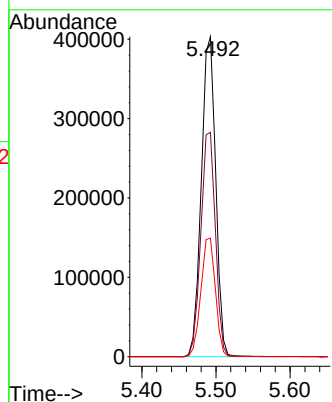
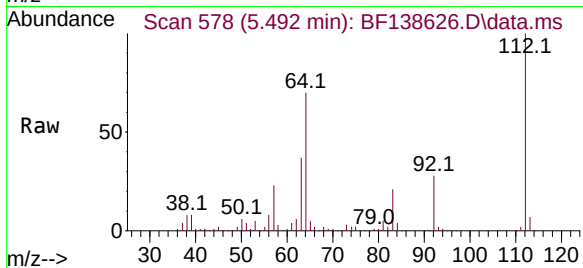




#5
2-Fluorophenol
Concen: 113.489 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

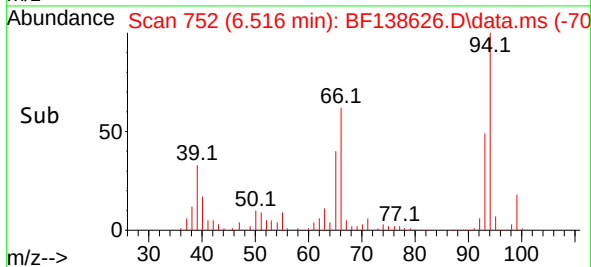
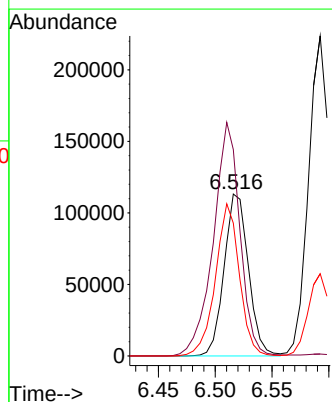
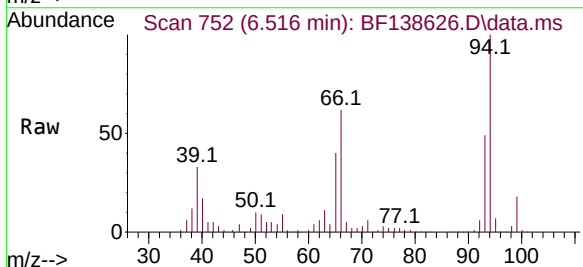
Instrument :
BNA_F
ClientSampleId :

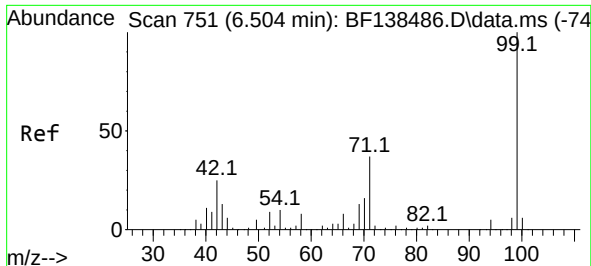
Tgt Ion:112 Resp: 545388
Ion Ratio Lower Upper
112 100
64 70.1 55.1 82.7
63 37.1 29.0 43.6



#6
Aniline
Concen: 28.137 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

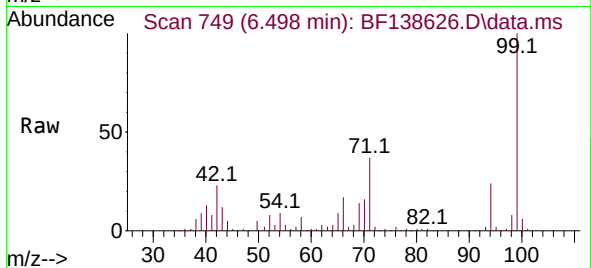
Tgt Ion: 93 Resp: 168480
Ion Ratio Lower Upper
93 100
66 127.4 35.4 53.0#
65 82.0 18.6 27.8#



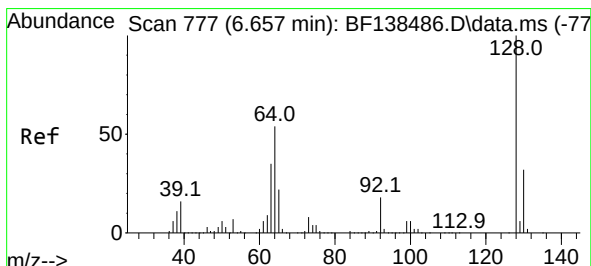
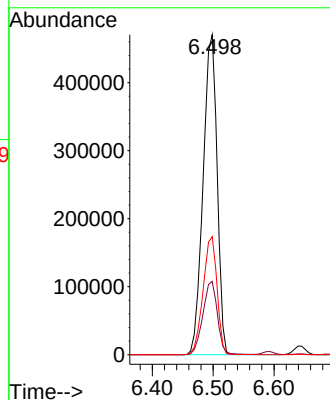
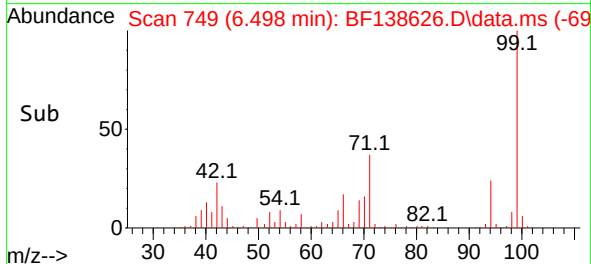


#7
Phenol-d6
Concen: 118.060 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

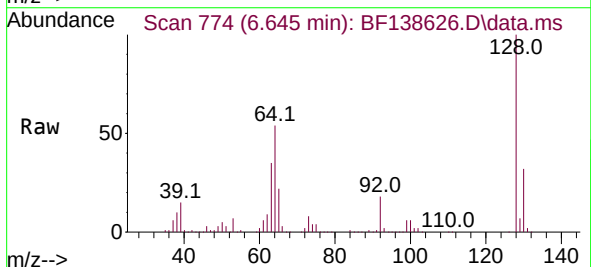
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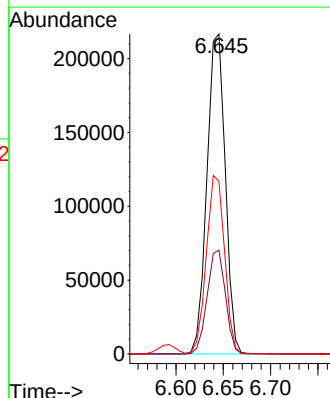
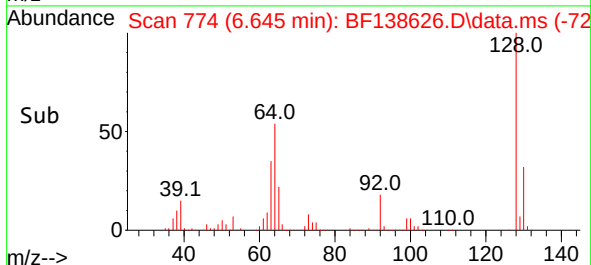
Tgt Ion: 99 Resp: 754751
Ion Ratio Lower Upper
99 100
42 22.9 19.7 29.5
71 36.9 29.9 44.9

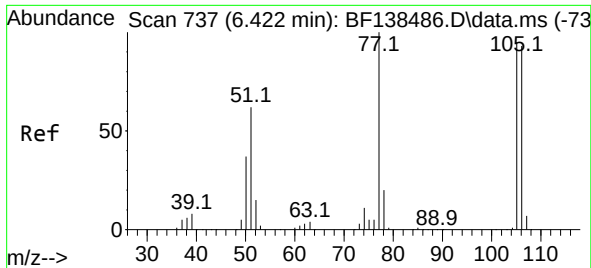


#8
2-Chlorophenol
Concen: 57.534 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06



Tgt Ion: 128 Resp: 292356
Ion Ratio Lower Upper
128 100
130 32.5 12.1 52.1
64 54.0 34.4 74.4





#9

Benzaldehyde

Concen: 7.302 ng

RT: 6.404 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

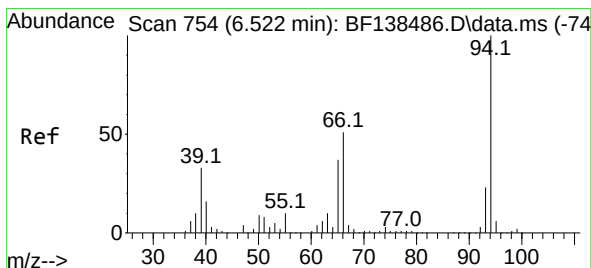
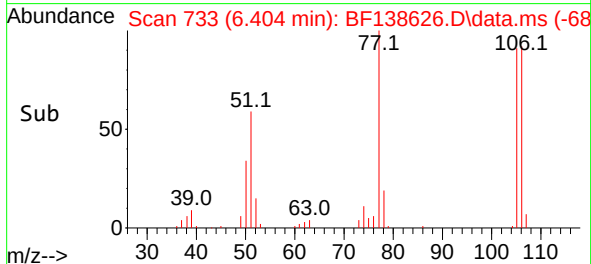
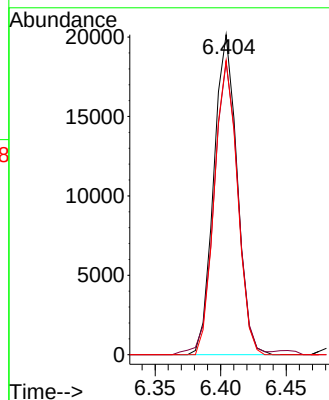
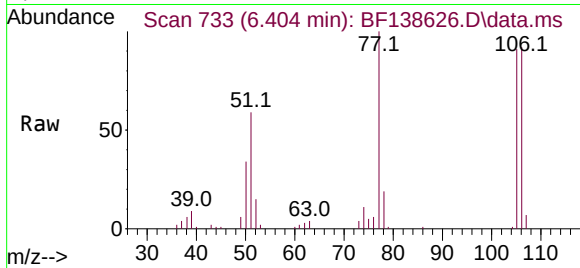
Tgt Ion: 77 Resp: 24987

Ion Ratio Lower Upper

77 100

105 91.4 75.1 115.1

106 91.9 73.2 113.2



#10

Phenol

Concen: 55.005 ng

RT: 6.510 min Scan# 751

Delta R.T. -0.012 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

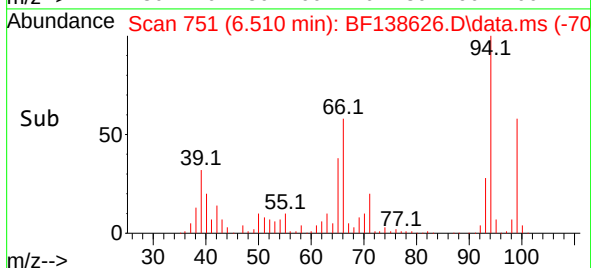
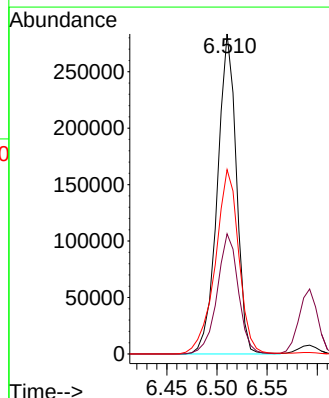
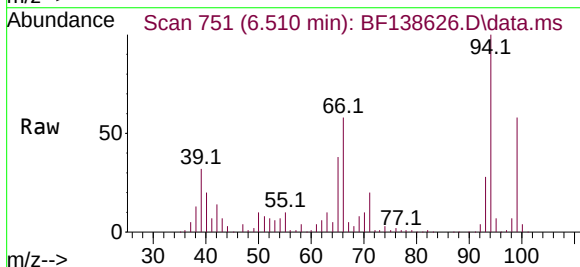
Tgt Ion: 94 Resp: 373253

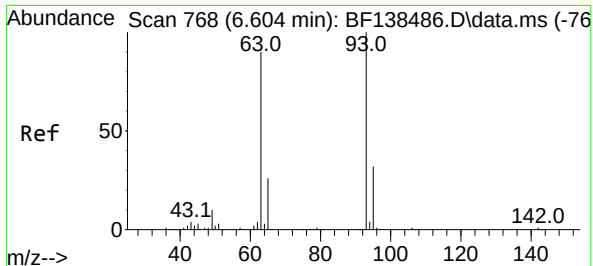
Ion Ratio Lower Upper

94 100

65 37.5 16.7 56.7

66 57.6 31.2 71.2

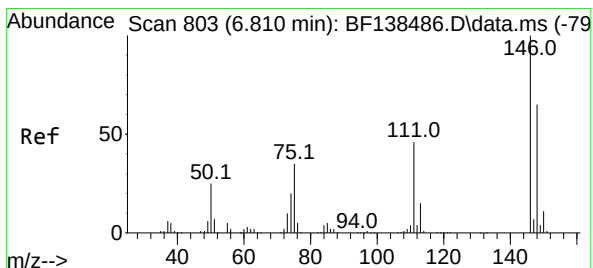
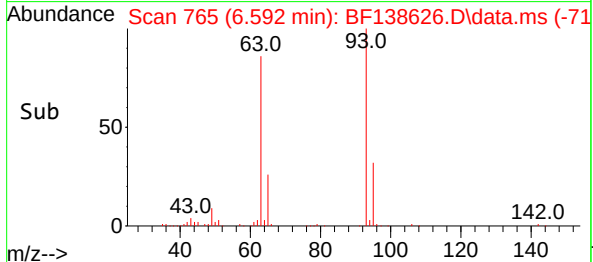
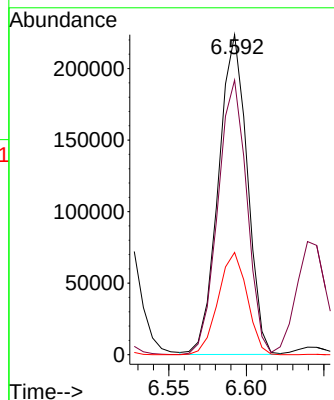
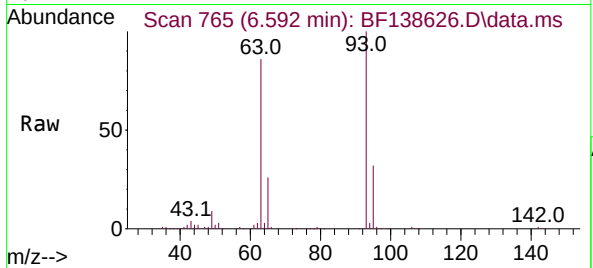




#11
bis(2-Chloroethyl)ether
Concen: 56.627 ng
RT: 6.592 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

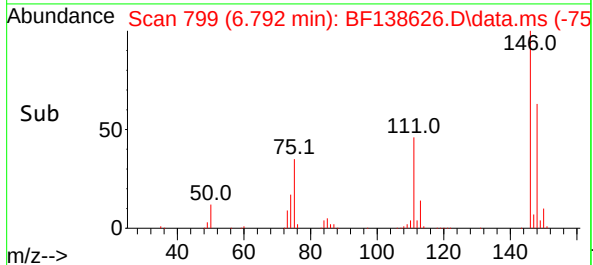
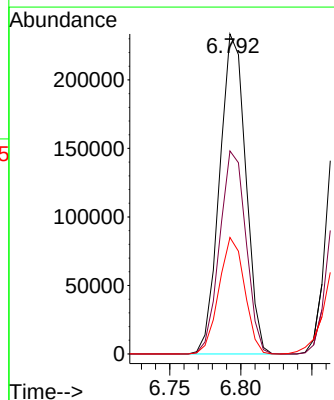
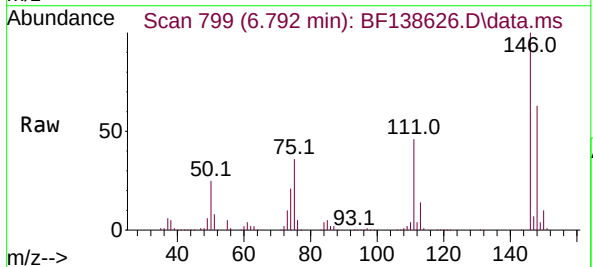
Instrument :
BNA_F
ClientSampleId :

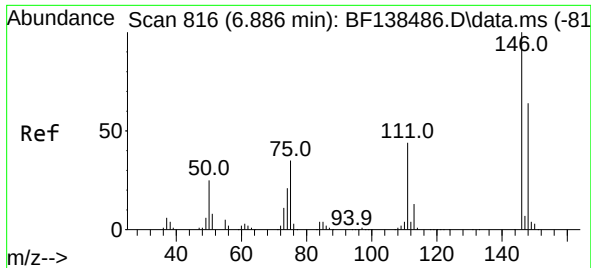
Tgt Ion: 93 Resp: 289311
Ion Ratio Lower Upper
93 100
63 85.8 68.8 108.8
95 32.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 52.244 ng
RT: 6.792 min Scan# 799
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:146 Resp: 298409
Ion Ratio Lower Upper
146 100
148 63.4 52.4 78.6
75 36.4 27.8 41.8

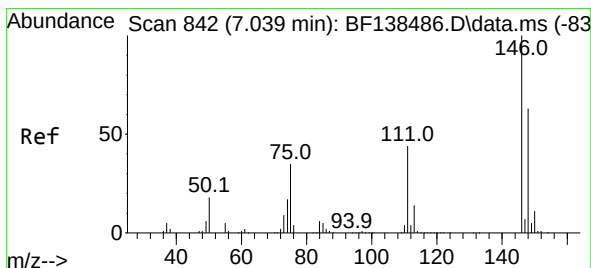
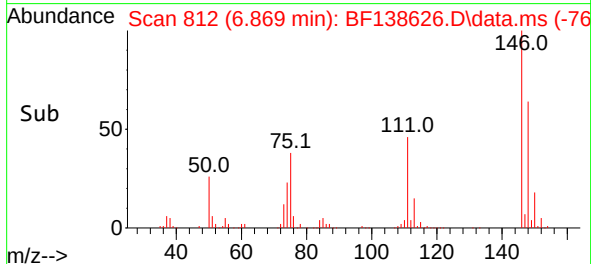
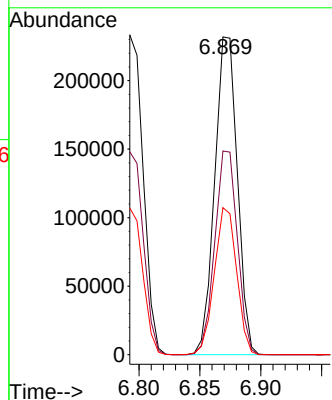
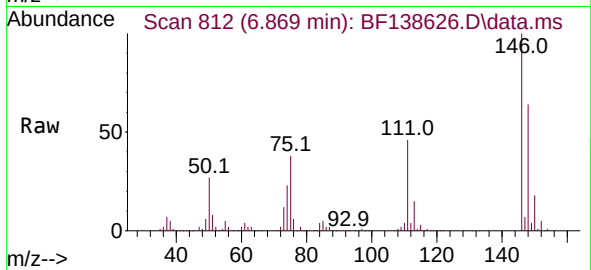




#13
1,4-Dichlorobenzene
Concen: 51.809 ng
RT: 6.869 min Scan# 816
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

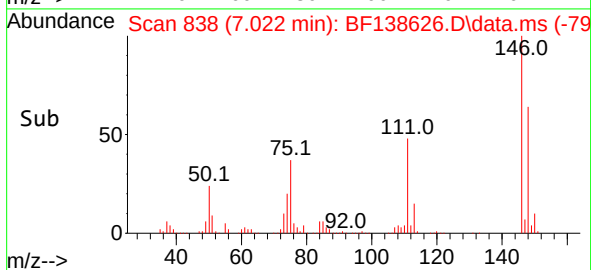
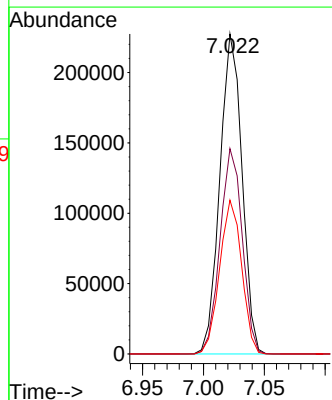
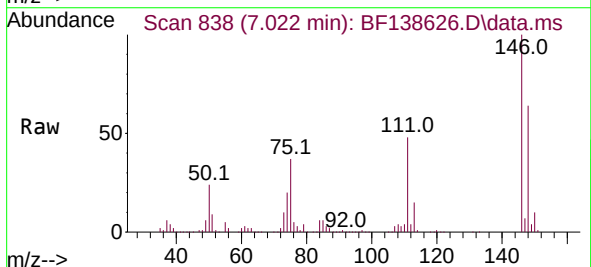
Instrument :
BNA_F
ClientSampleId :

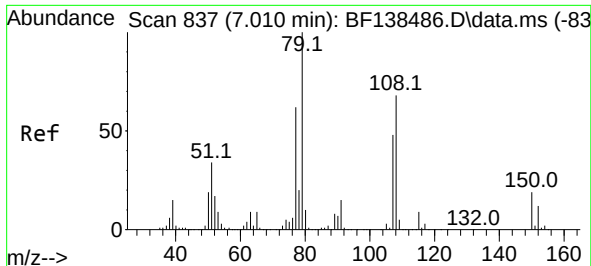
Tgt Ion:146 Resp: 300508
Ion Ratio Lower Upper
146 100
148 64.1 51.6 77.4
111 46.3 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 53.346 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:146 Resp: 288187
Ion Ratio Lower Upper
146 100
148 64.1 50.1 75.1
111 48.1 35.5 53.3





#15

Benzyl Alcohol

Concen: 58.171 ng

RT: 6.998 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

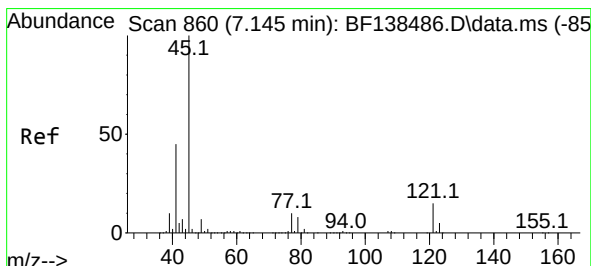
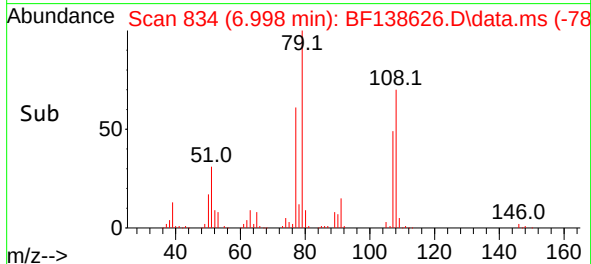
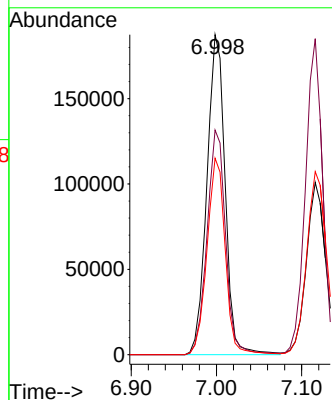
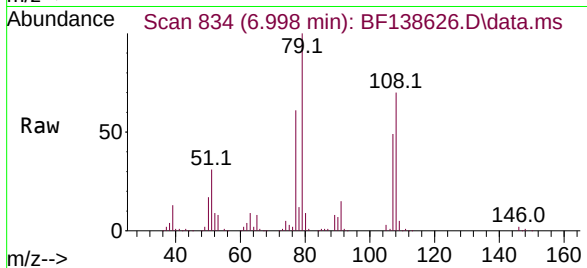
Tgt Ion: 79 Resp: 279092

Ion Ratio Lower Upper

79 100

108 70.2 54.3 81.5

77 61.4 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.392 ng

RT: 7.128 min Scan# 856

Delta R.T. -0.018 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

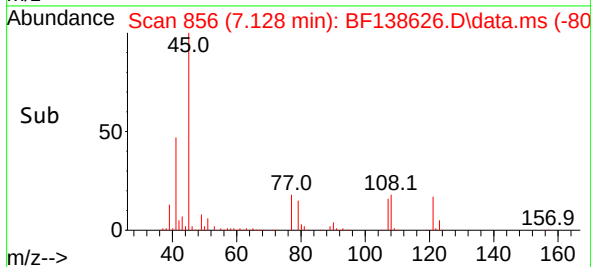
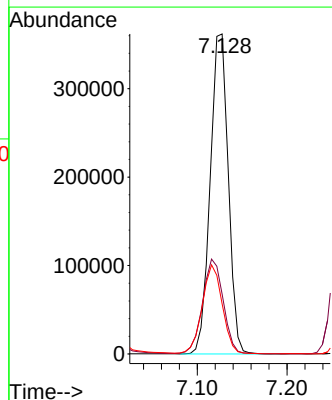
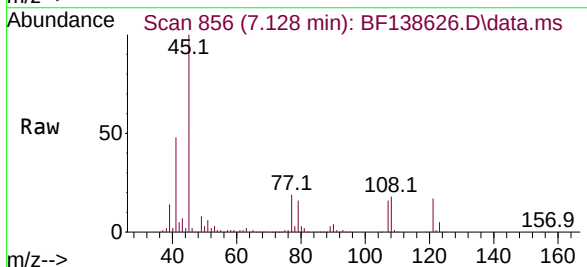
Tgt Ion: 45 Resp: 506293

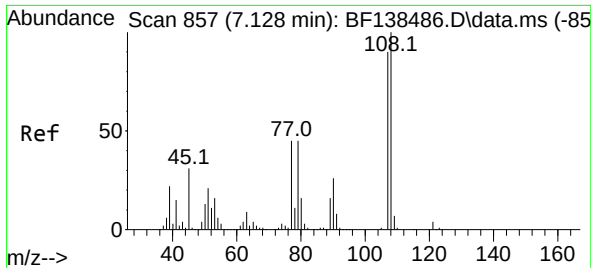
Ion Ratio Lower Upper

45 100

77 18.7 0.0 30.4

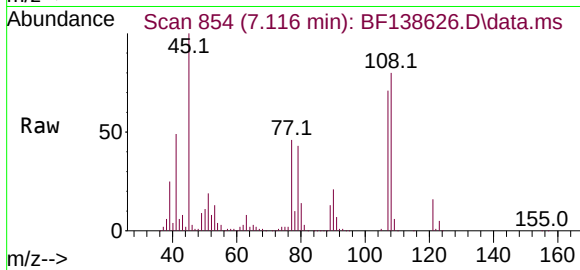
79 15.7 0.0 28.1



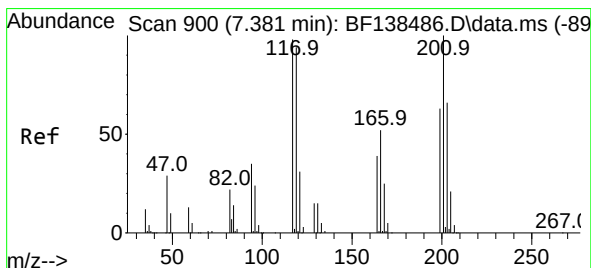
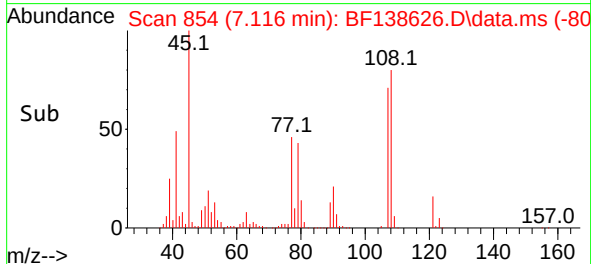
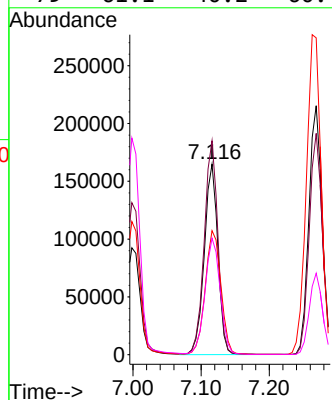


#17
2-Methylphenol
Concen: 55.219 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :
BNA_F
ClientSampleId :

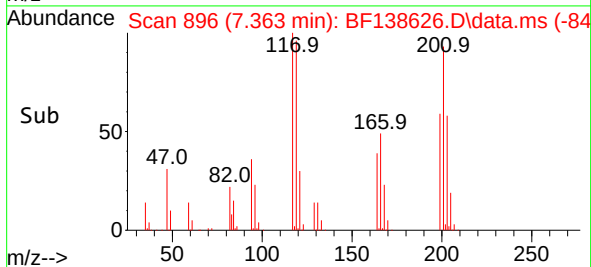
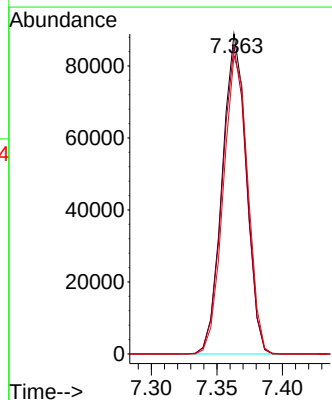
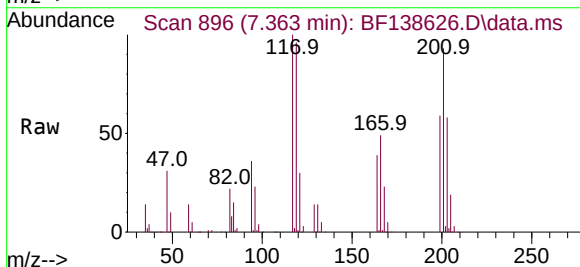


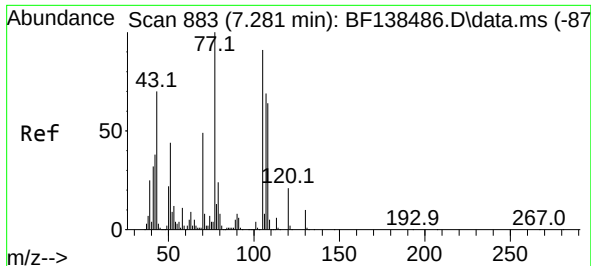
Tgt Ion:107 Resp: 229962
Ion Ratio Lower Upper
107 100
108 112.2 89.0 133.4
77 65.0 40.3 60.5#
79 61.1 40.2 60.4#



#18
Hexachloroethane
Concen: 53.401 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:117 Resp: 113869
Ion Ratio Lower Upper
117 100
119 96.1 76.6 114.8
201 93.2 81.4 122.0

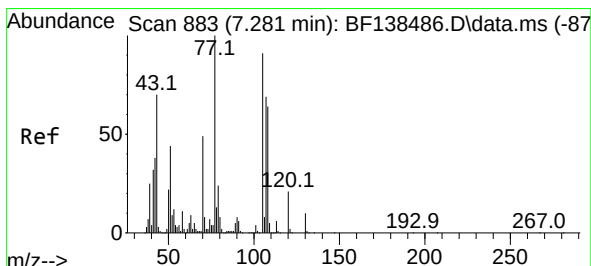
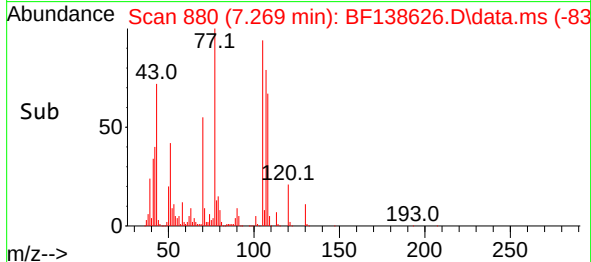
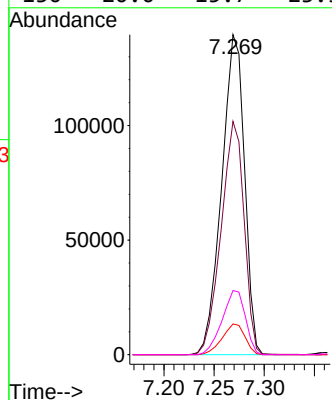
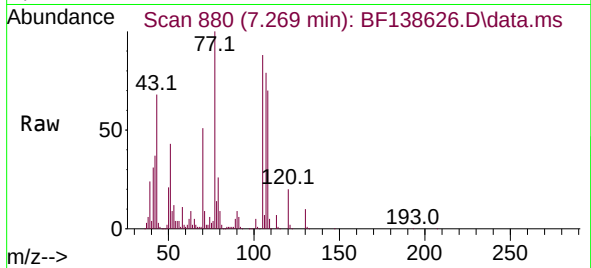




#19
n-Nitroso-di-n-propylamine
Concen: 55.819 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

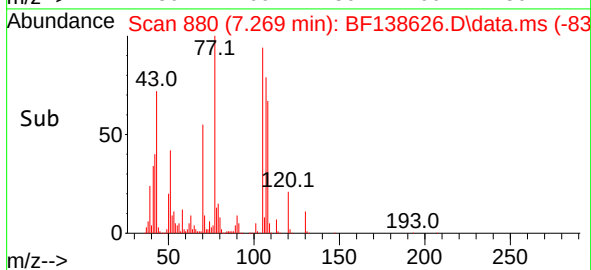
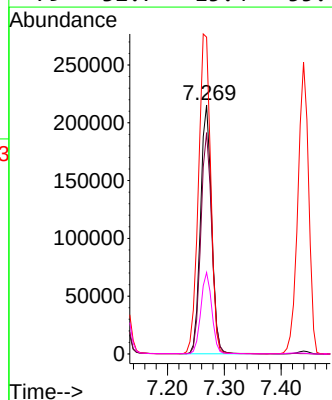
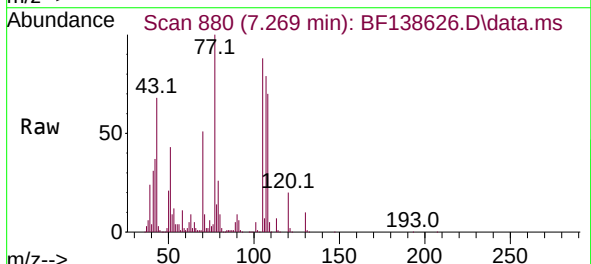
Instrument :
BNA_F
ClientSampleId :

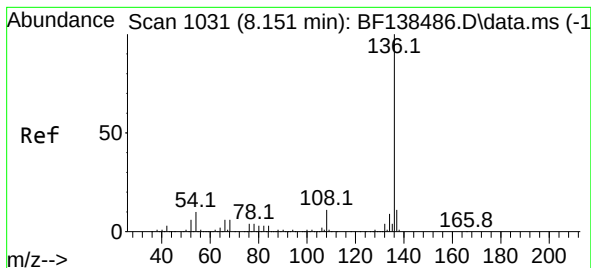
Tgt Ion: 70 Resp: 220497
Ion Ratio Lower Upper
70 100
42 72.9 62.4 93.6
101 9.6 7.2 10.8
130 20.0 15.7 23.5



#20
3+4-Methylphenols
Concen: 55.652 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:107 Resp: 291855
Ion Ratio Lower Upper
107 100
108 88.9 73.7 113.7
77 127.2 126.0 166.0
79 32.7 15.4 55.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 1

Delta R.T. -0.012 min

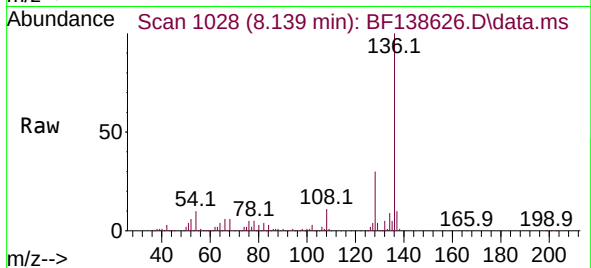
Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 307390

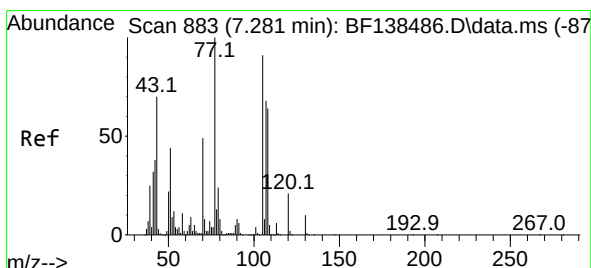
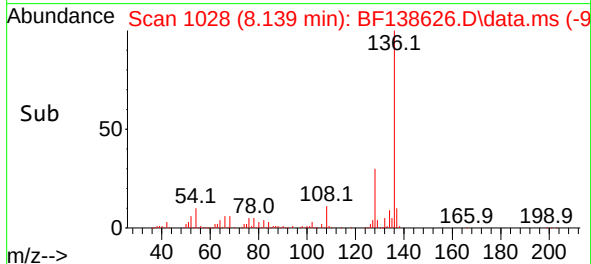
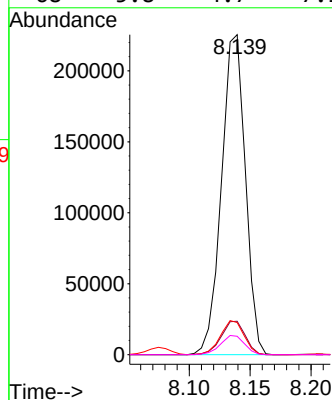
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 10.1 8.1 12.1

68 5.8 4.7 7.1



#22

Acetophenone

Concen: 50.089 ng

RT: 7.263 min Scan# 879

Delta R.T. -0.018 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Tgt Ion:105 Resp: 373945

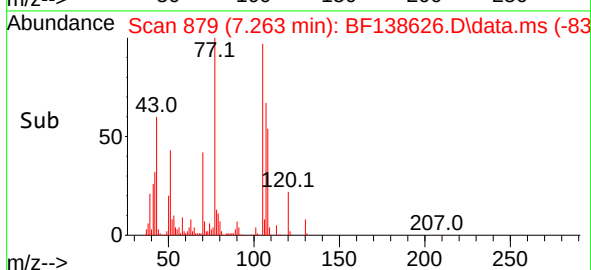
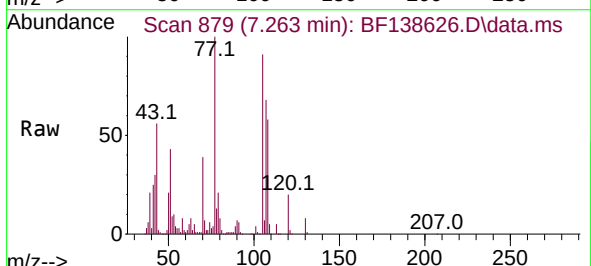
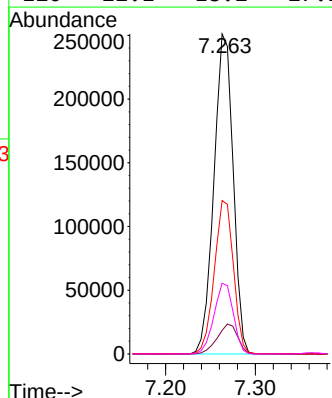
Ion Ratio Lower Upper

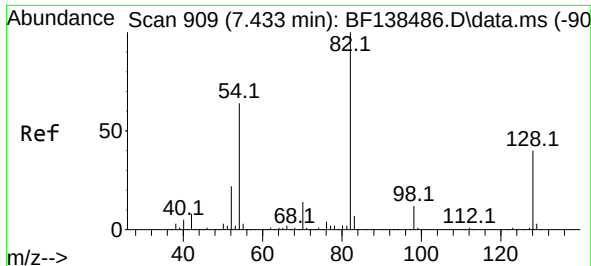
105 100

71 7.4 7.4 11.2#

51 47.9 38.7 58.1

120 22.1 18.2 27.2

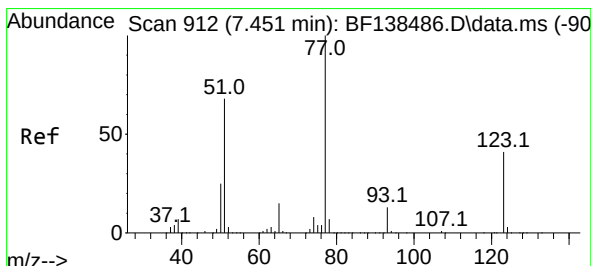
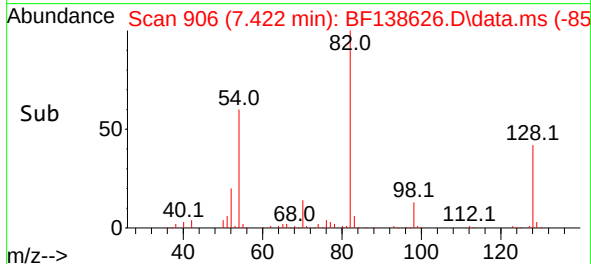
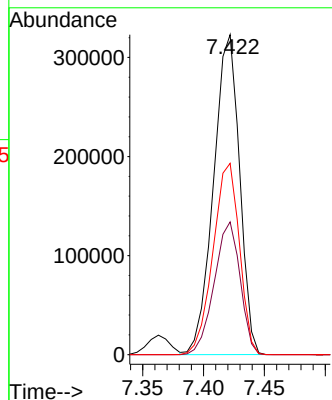
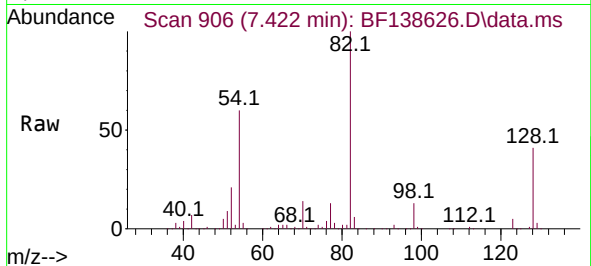




#23
Nitrobenzene-d5
Concen: 76.685 ng
RT: 7.422 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

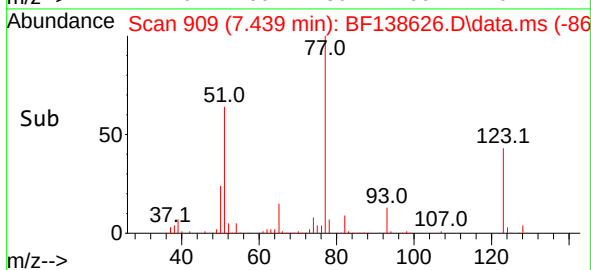
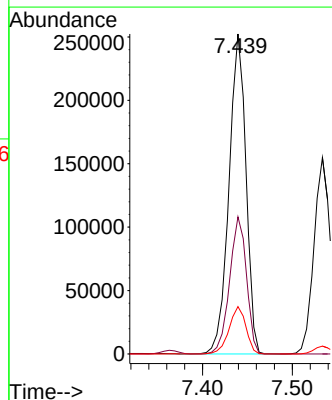
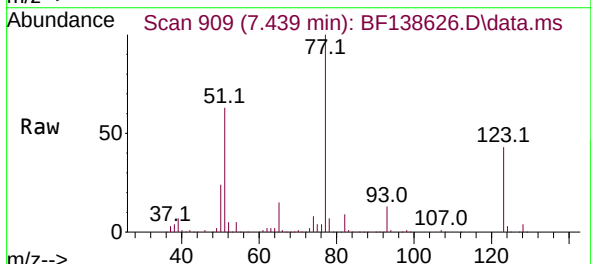
Instrument :
BNA_F
ClientSampleId :

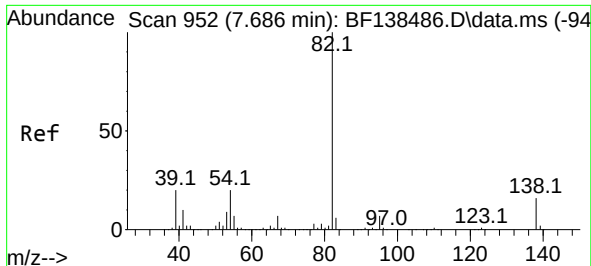
Tgt Ion: 82 Resp: 480111
Ion Ratio Lower Upper
82 100
128 41.5 32.3 48.5
54 59.8 51.4 77.0



#24
Nitrobenzene
Concen: 52.188 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion: 77 Resp: 332035
Ion Ratio Lower Upper
77 100
123 42.9 32.4 48.6
65 14.8 11.8 17.8

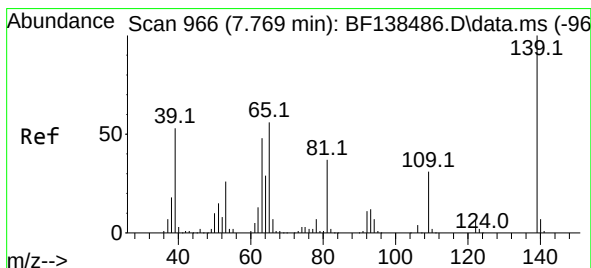
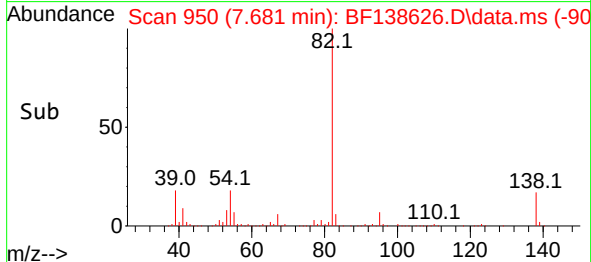
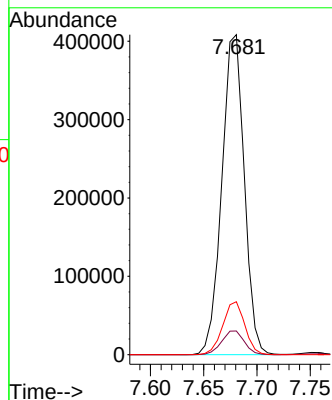
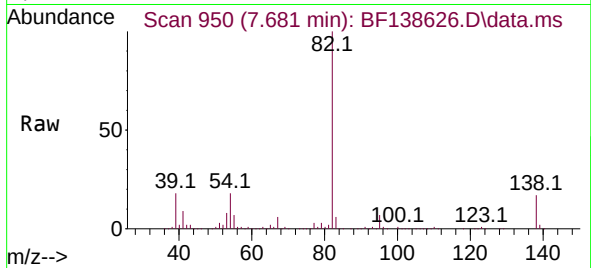




#25
Isophorone
Concen: 55.565 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

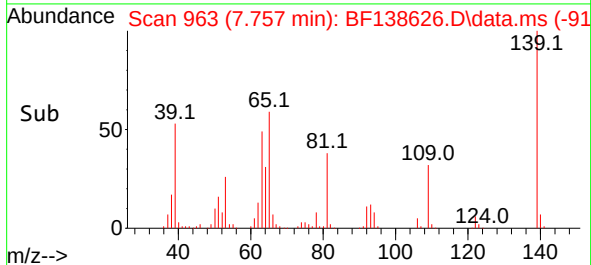
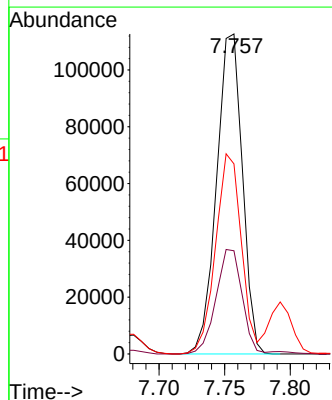
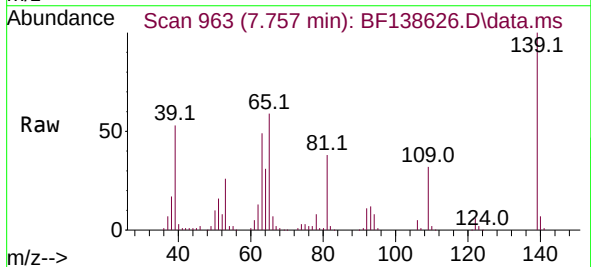
Instrument :
BNA_F
ClientSampleId :

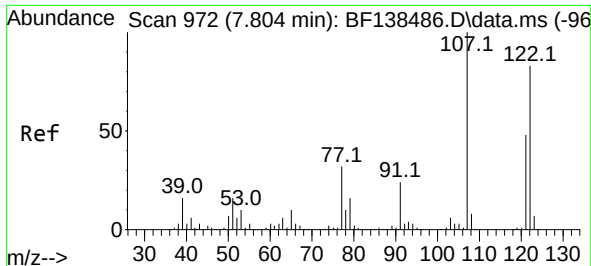
Tgt Ion: 82 Resp: 597420
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 16.6 12.8 19.2



#26
2-Nitrophenol
Concen: 56.537 ng
RT: 7.757 min Scan# 963
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:139 Resp: 154172
Ion Ratio Lower Upper
139 100
109 32.2 24.8 37.2
65 59.4 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 61.302 ng

RT: 7.792 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

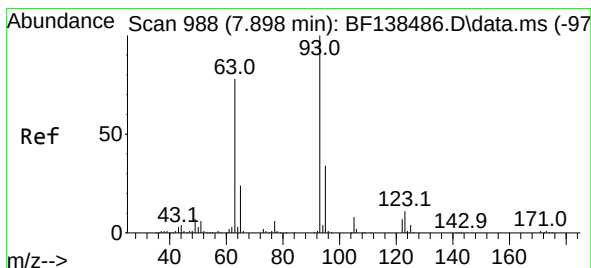
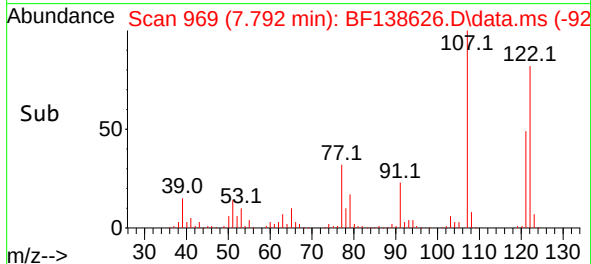
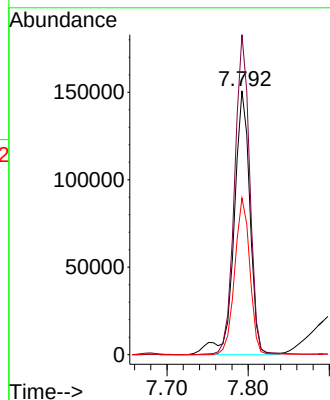
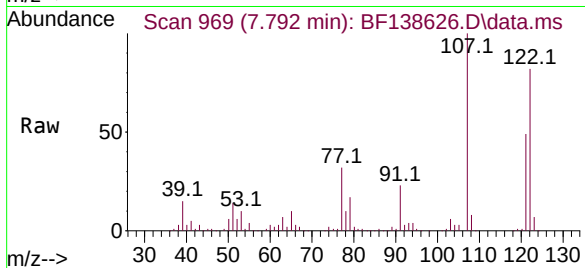
Tgt Ion:122 Resp: 205455

Ion Ratio Lower Upper

122 100

107 121.3 96.3 144.5

121 59.4 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 55.470 ng

RT: 7.886 min Scan# 985

Delta R.T. -0.012 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

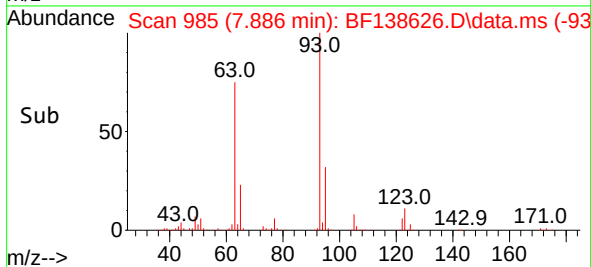
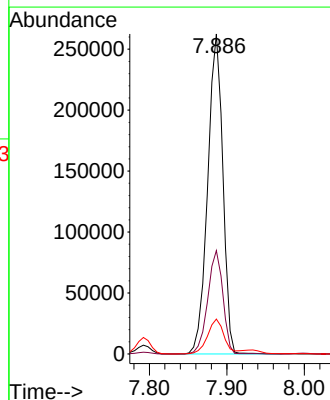
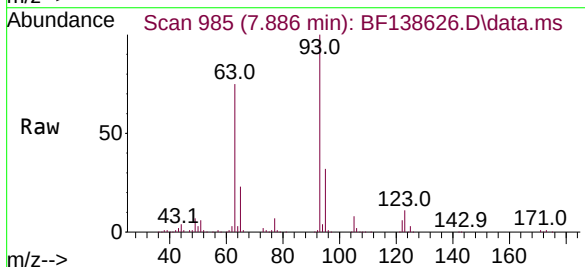
Tgt Ion: 93 Resp: 356430

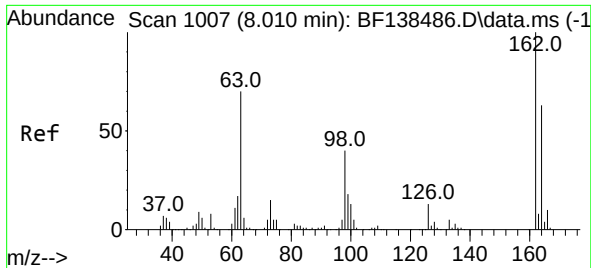
Ion Ratio Lower Upper

93 100

95 32.3 27.0 40.6

123 10.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 52.686 ng

RT: 7.998 min Scan# 1004

Delta R.T. -0.012 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

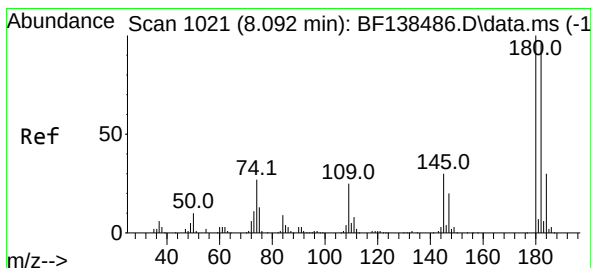
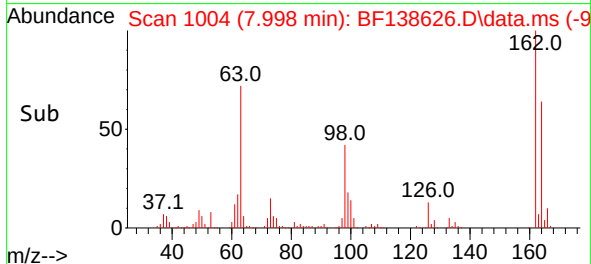
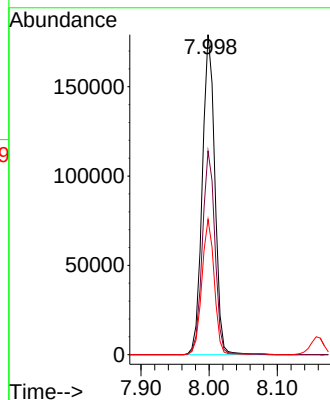
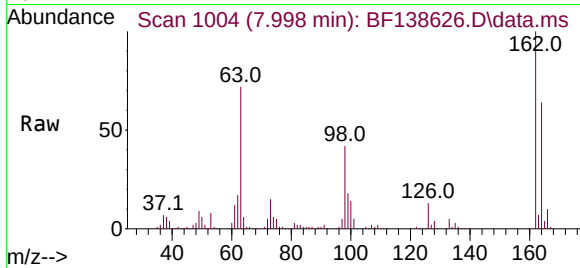
Tgt Ion:162 Resp: 229302

Ion Ratio Lower Upper

162 100

164 63.7 42.6 82.6

98 42.3 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 49.038 ng

RT: 8.075 min Scan# 1017

Delta R.T. -0.018 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

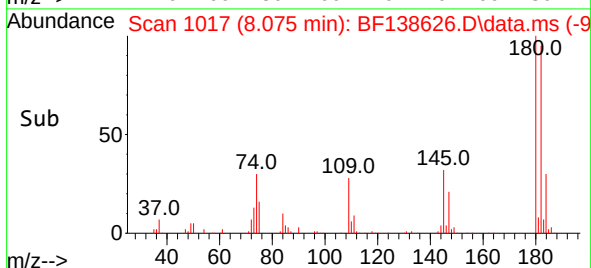
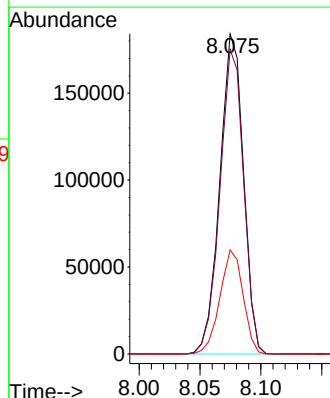
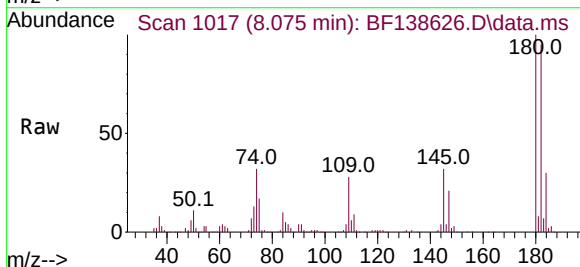
Tgt Ion:180 Resp: 248625

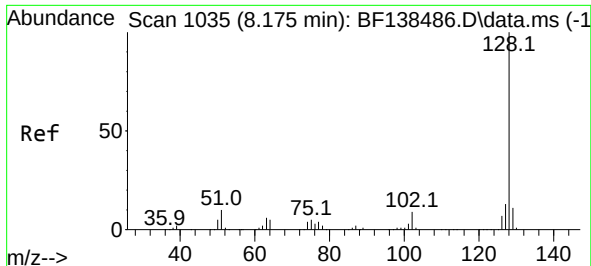
Ion Ratio Lower Upper

180 100

182 95.2 76.9 115.3

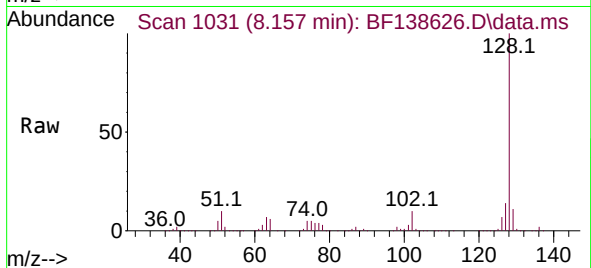
145 32.5 23.9 35.9



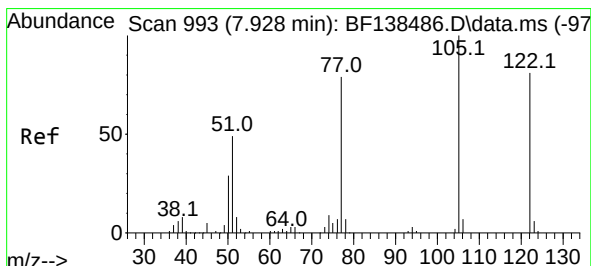
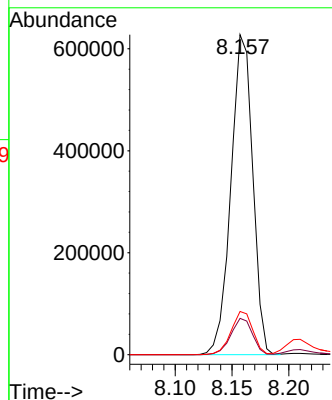
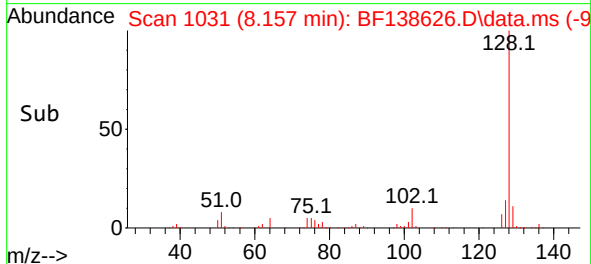


#31
Naphthalene
Concen: 52.341 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :
BNA_F
ClientSampleId :

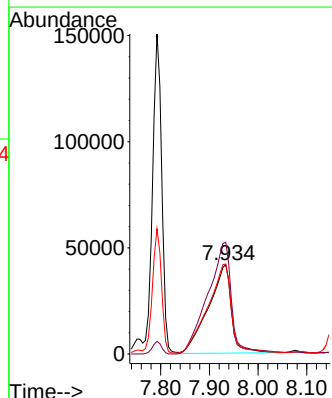
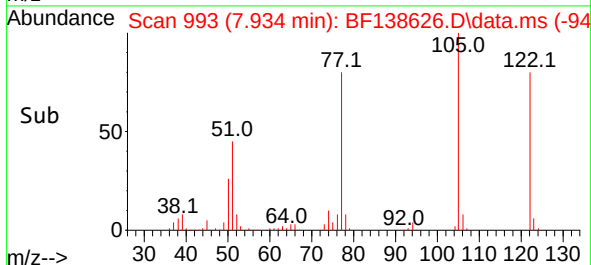
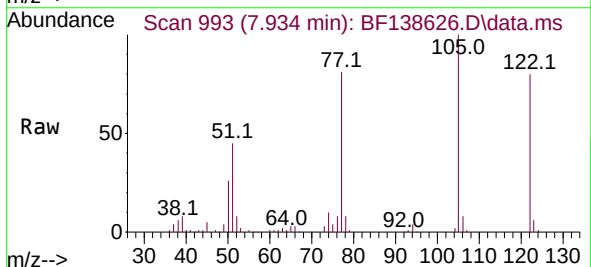


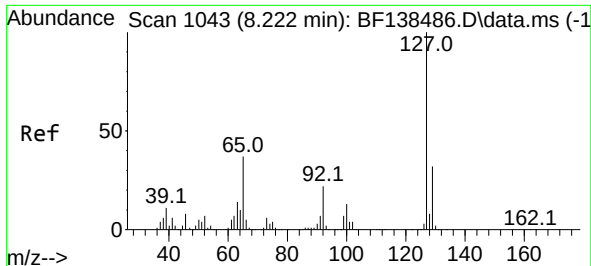
Tgt Ion:128 Resp: 836761
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 42.755 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

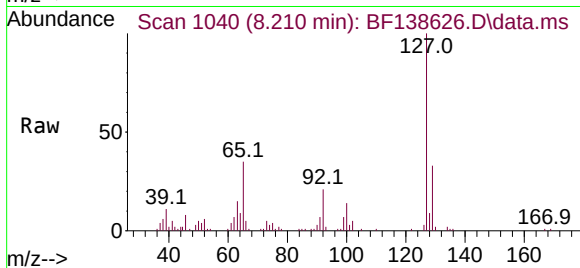
Tgt Ion:122 Resp: 136669
Ion Ratio Lower Upper
122 100
105 125.1 101.5 141.5
77 100.8 77.3 117.3



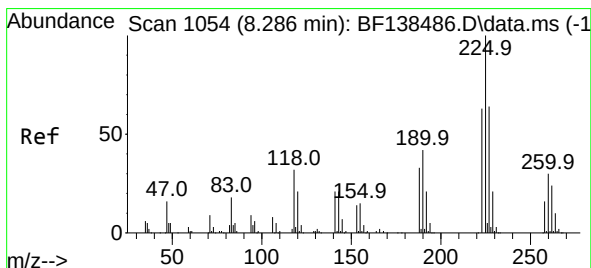
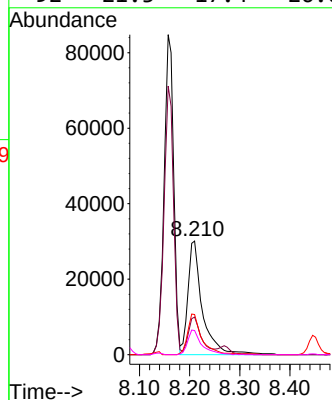
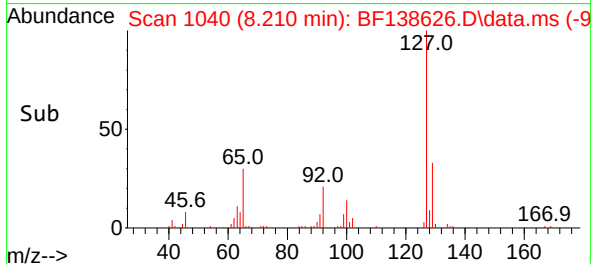


#33
4-Chloroaniline
Concen: 10.846 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :
BNA_F
ClientSampleId :

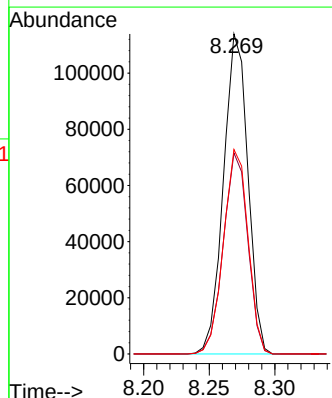
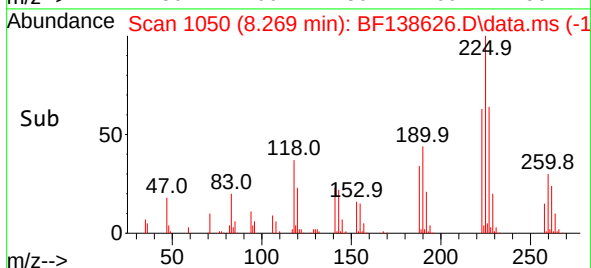
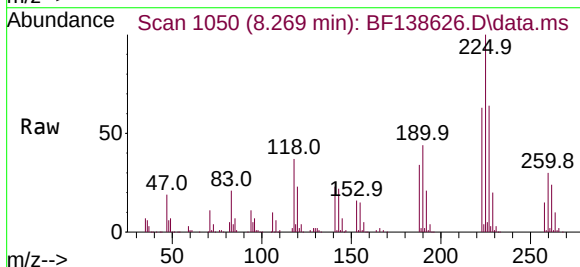


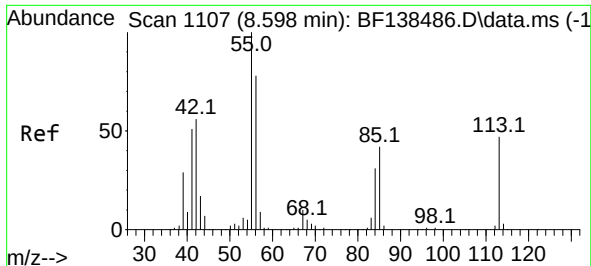
Tgt Ion:	127	Resp:	60840
Ion Ratio	100	Lower	Upper
127	100		
129	33.0	25.6	38.4
65	35.3	29.6	44.4
92	21.3	17.4	26.0



#34
Hexachlorobutadiene
Concen: 47.178 ng
RT: 8.269 min Scan# 1050
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:	225	Resp:	147295
Ion Ratio	100	Lower	Upper
225	100		
223	62.8	50.0	75.0
227	63.9	51.0	76.6

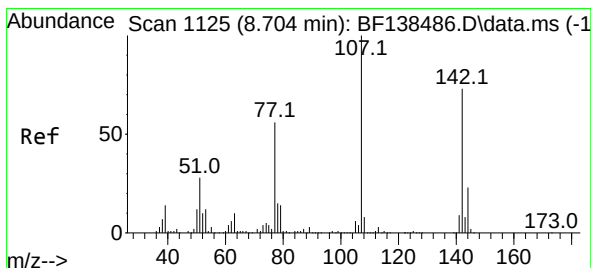
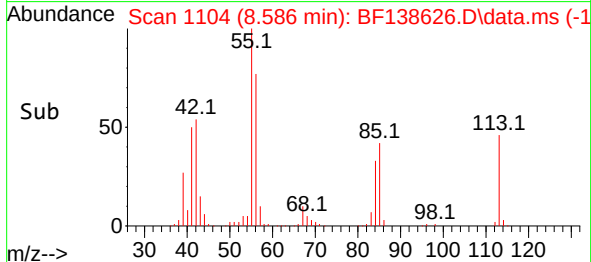
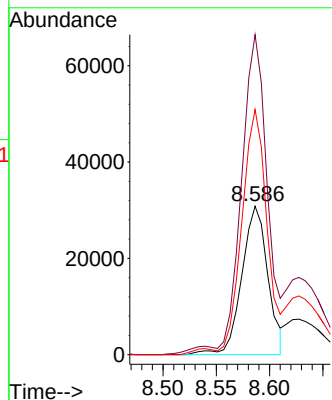
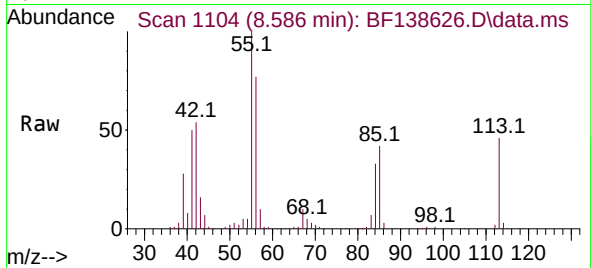




#35
 Caprolactam
 Concen: 37.411 ng
 RT: 8.586 min Scan# 1107
 Delta R.T. -0.012 min
 Lab File: BF138626.D
 Acq: 23 Jul 2024 19:06

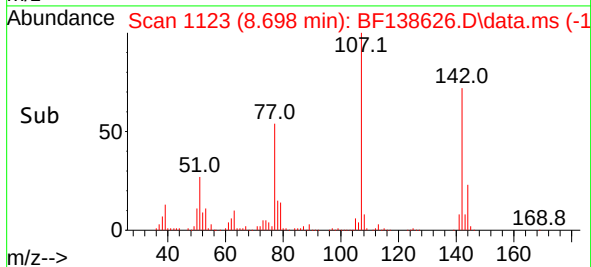
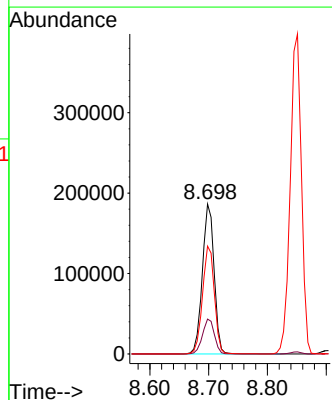
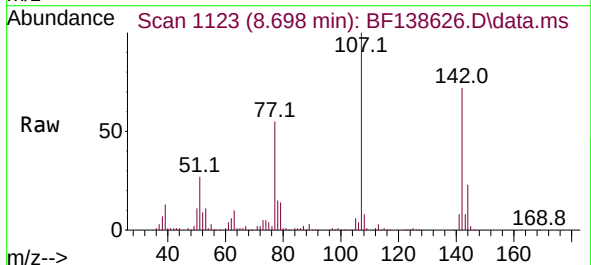
Instrument :
 BNA_F
 ClientSampleId :

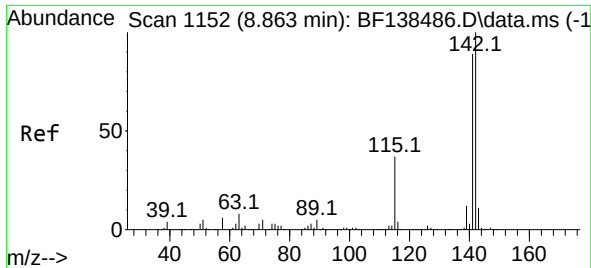
Tgt Ion:113 Resp: 52541
 Ion Ratio Lower Upper
 113 100
 55 215.4 192.5 232.5
 56 165.0 145.3 185.3



#36
 4-Chloro-3-methylphenol
 Concen: 53.164 ng
 RT: 8.698 min Scan# 1123
 Delta R.T. -0.006 min
 Lab File: BF138626.D
 Acq: 23 Jul 2024 19:06

Tgt Ion:107 Resp: 259038
 Ion Ratio Lower Upper
 107 100
 144 23.3 18.6 27.8
 142 72.0 58.6 88.0

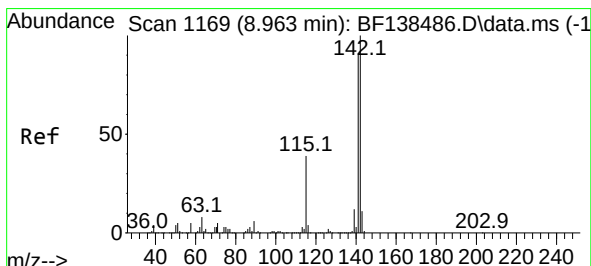
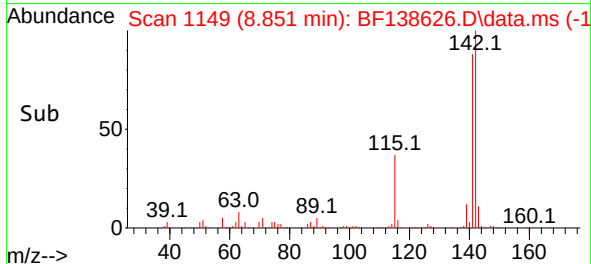
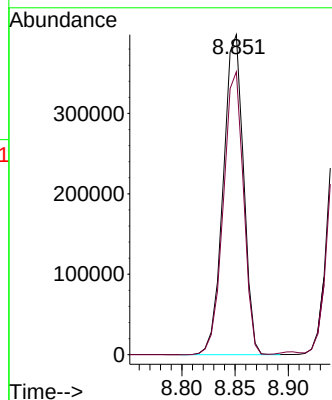
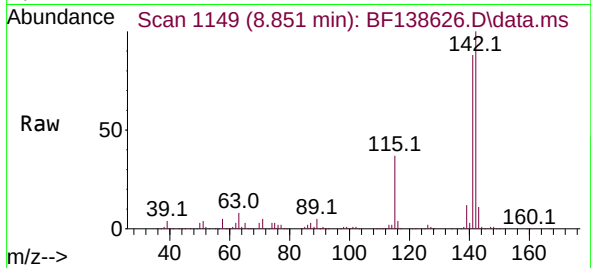




#37
2-Methylnaphthalene
Concen: 51.058 ng
RT: 8.851 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

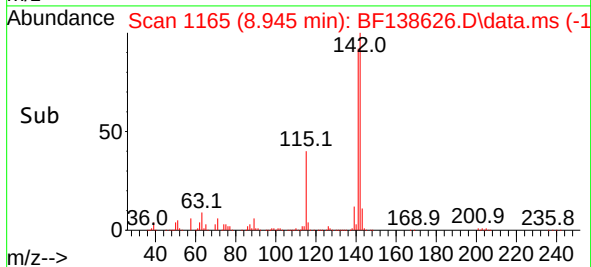
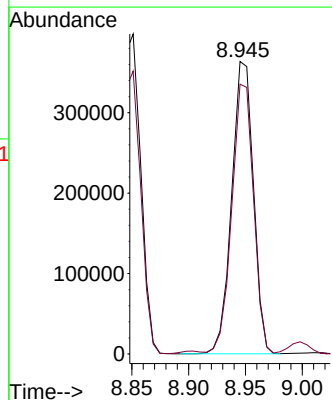
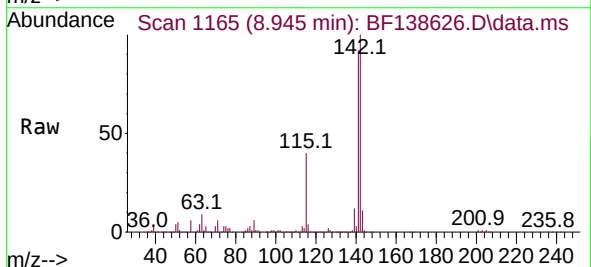
Instrument :
BNA_F
ClientSampleId :

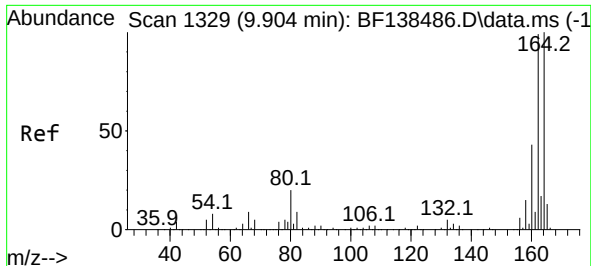
Tgt Ion:142 Resp: 525277
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.0



#38
1-Methylnaphthalene
Concen: 48.204 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:142 Resp: 483993
Ion Ratio Lower Upper
142 100
141 92.3 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: BF138626.D

Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

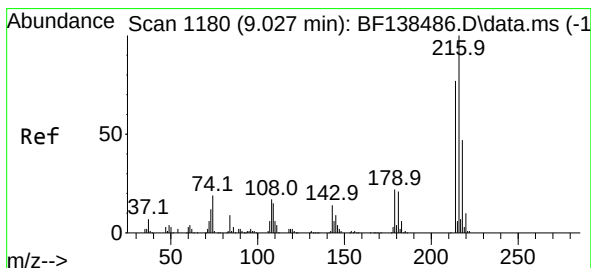
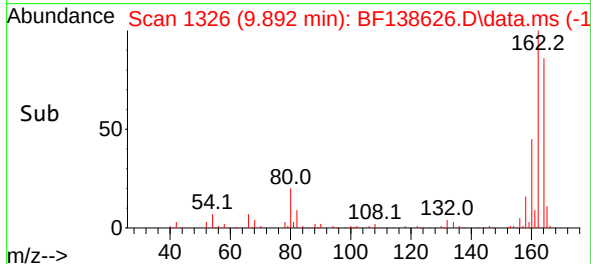
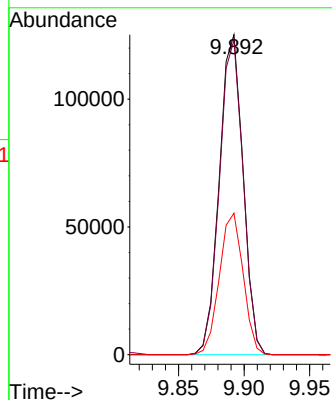
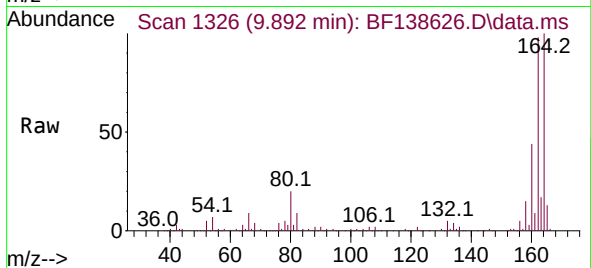
Tgt Ion:164 Resp: 157764

Ion Ratio Lower Upper

164 100

162 98.3 79.0 118.6

160 44.2 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.642 ng

RT: 9.016 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Tgt Ion:216 Resp: 218276

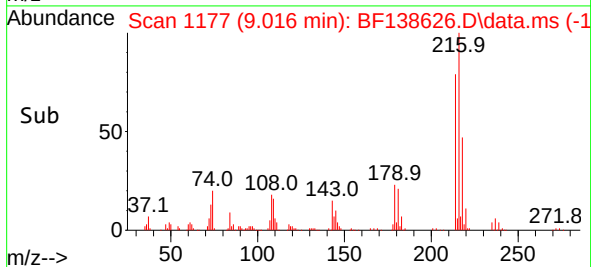
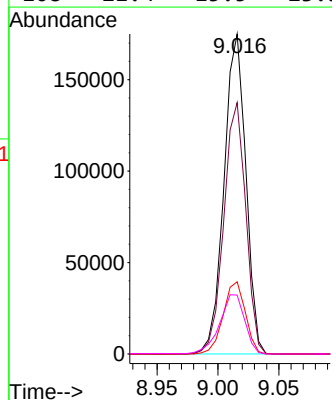
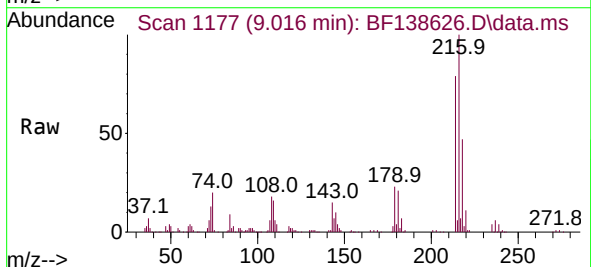
Ion Ratio Lower Upper

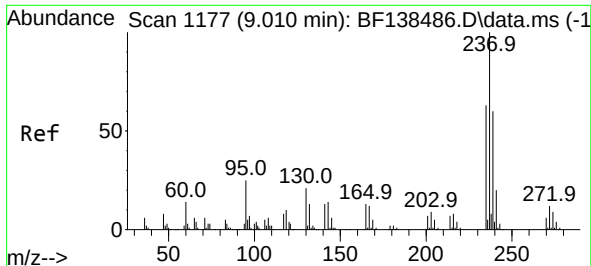
216 100

214 79.0 62.8 94.2

179 22.9 17.7 26.5

108 21.4 15.5 23.3

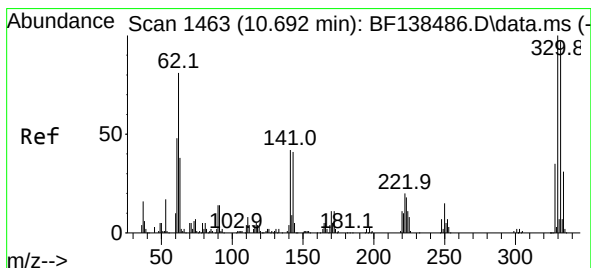
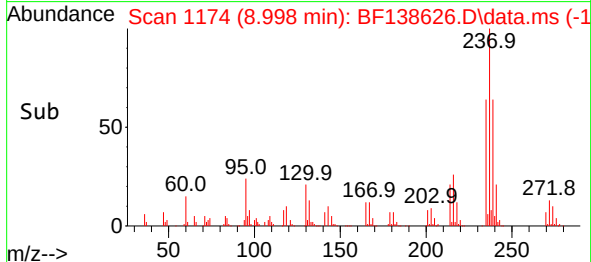
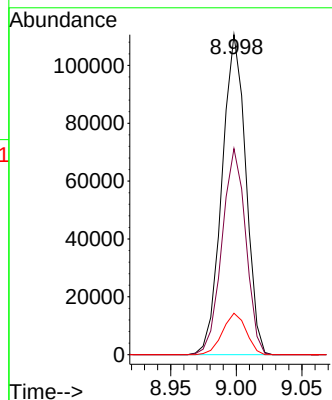
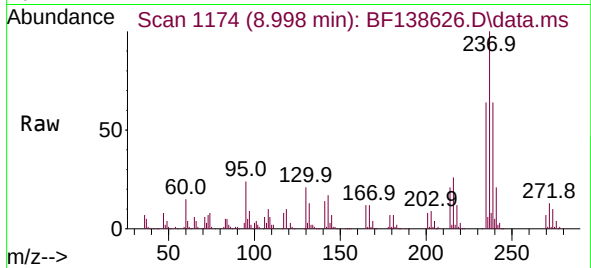




#41
Hexachlorocyclopentadiene
Concen: 97.838 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

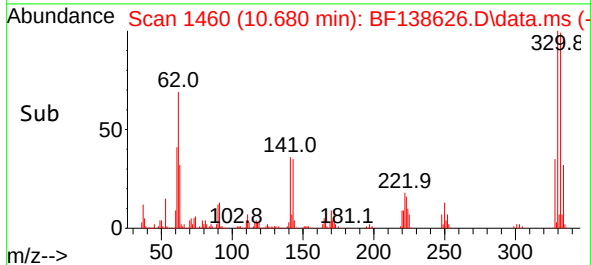
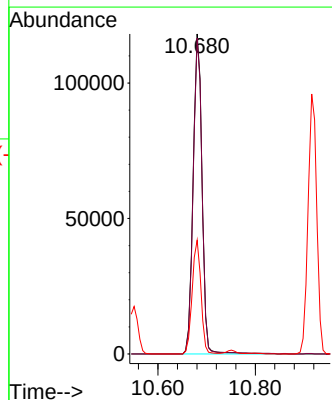
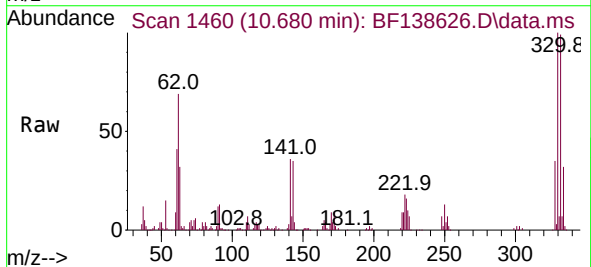
Instrument :
BNA_F
ClientSampleId :

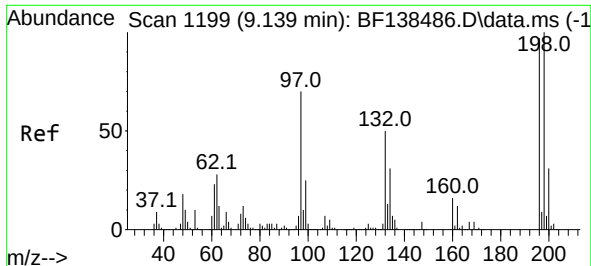
Tgt Ion:237 Resp: 139632
Ion Ratio Lower Upper
237 100
235 64.4 43.3 83.3
272 12.9 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 102.403 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

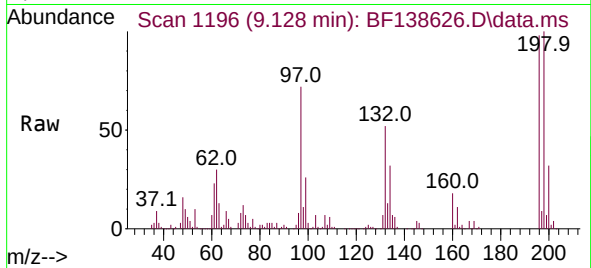
Tgt Ion:330 Resp: 150989
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 35.0 29.4 44.2



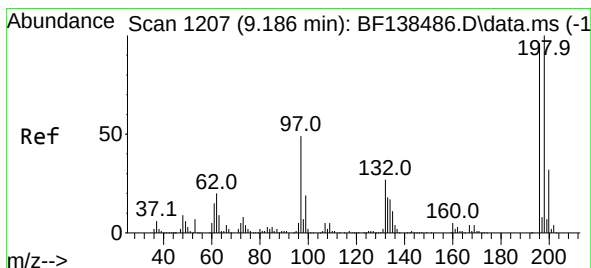
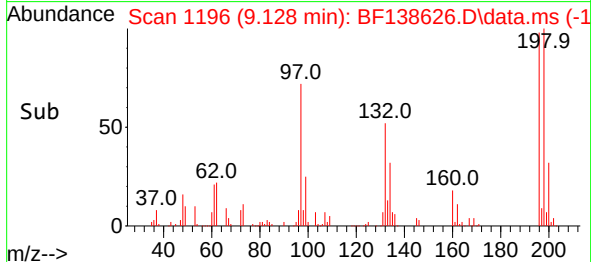
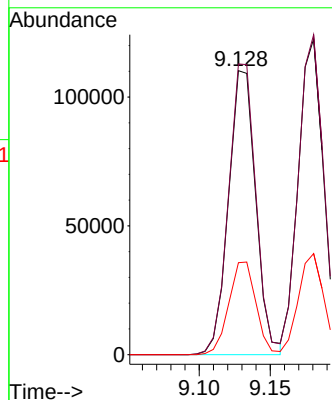


#43
2,4,6-Trichlorophenol
Concen: 52.554 ng
RT: 9.128 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :
BNA_F
ClientSampleId :

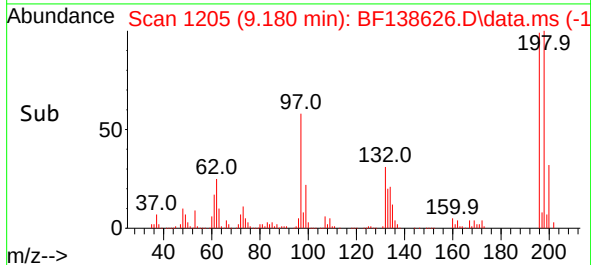
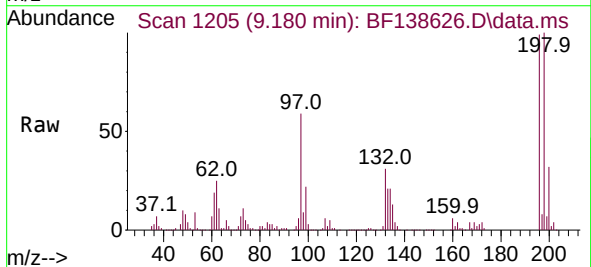
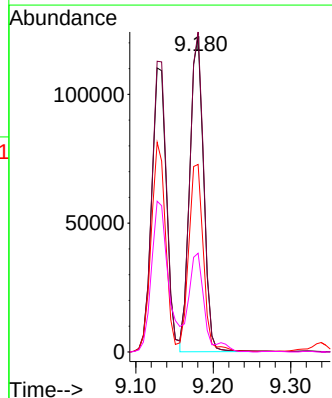


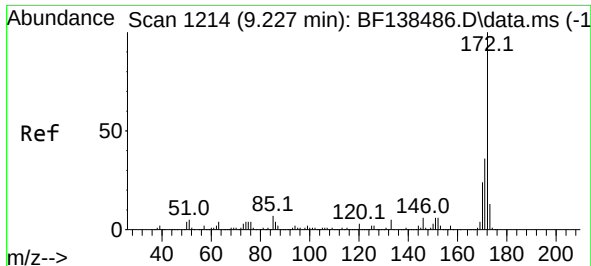
Tgt Ion:196 Resp: 147402
Ion Ratio Lower Upper
196 100
198 102.4 82.3 123.5
200 32.4 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 49.512 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:196 Resp: 152740
Ion Ratio Lower Upper
196 100
198 101.3 82.8 124.2
97 59.4 41.0 61.4
132 31.3 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 79.308 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

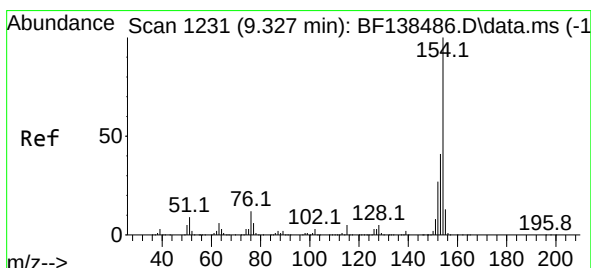
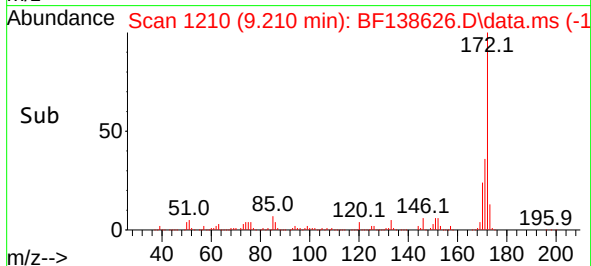
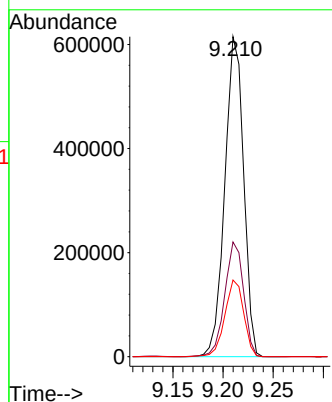
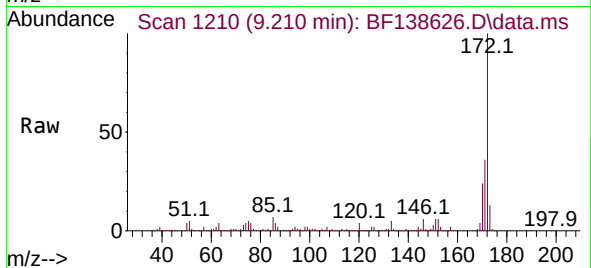
Tgt Ion:172 Resp: 800558

Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

170 24.0 18.9 28.3



#46

1,1'-Biphenyl

Concen: 50.622 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.012 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

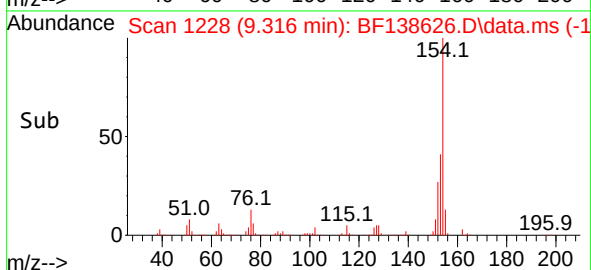
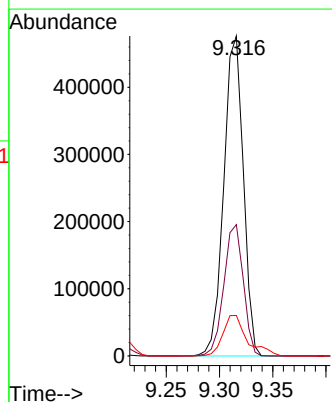
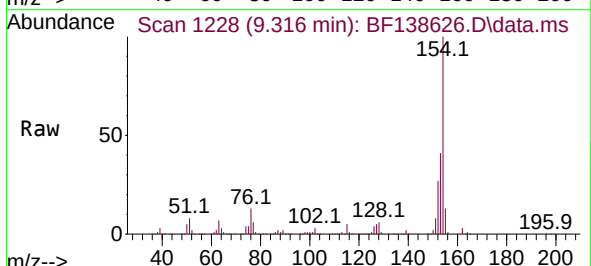
Tgt Ion:154 Resp: 605237

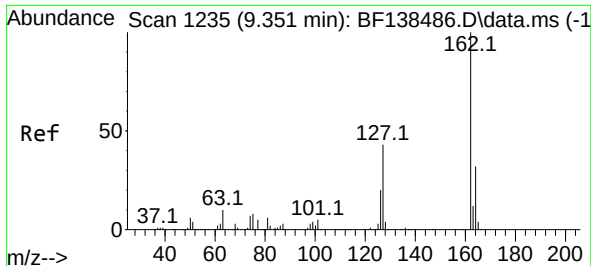
Ion Ratio Lower Upper

154 100

153 41.0 20.7 60.7

76 12.7 0.0 32.2





#47

2-Chloronaphthalene

Concen: 52.366 ng

RT: 9.339 min Scan# 1232

Delta R.T. -0.012 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

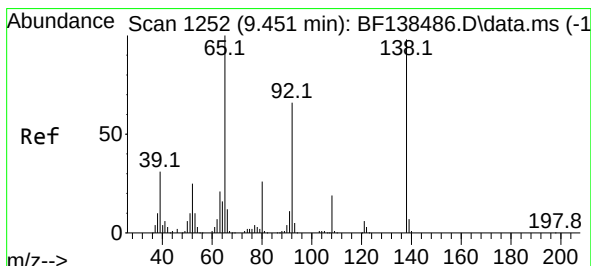
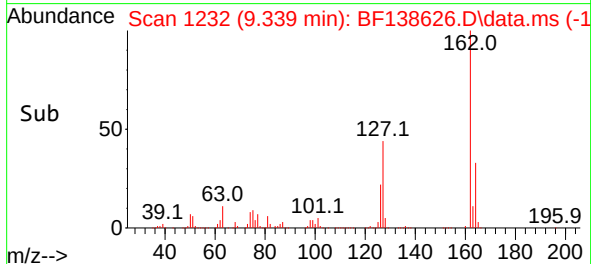
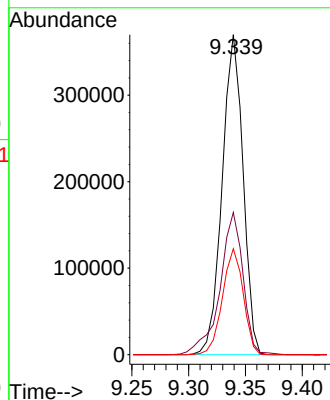
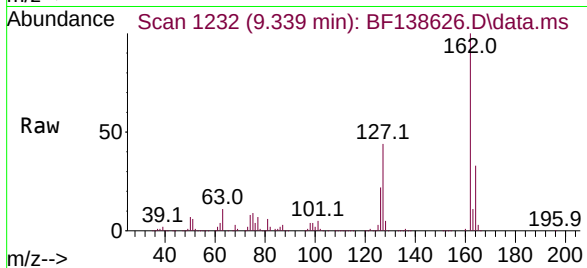
Tgt Ion:162 Resp: 472983

Ion Ratio Lower Upper

162 100

127 44.5 34.8 52.2

164 33.1 25.6 38.4



#48

2-Nitroaniline

Concen: 55.870 ng

RT: 9.439 min Scan# 1249

Delta R.T. -0.012 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

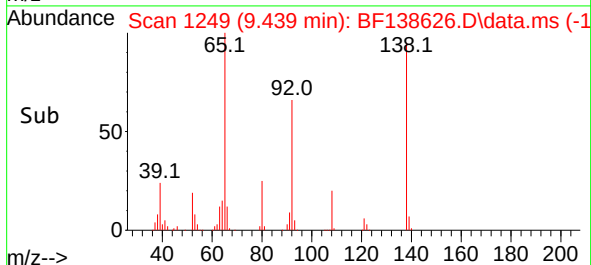
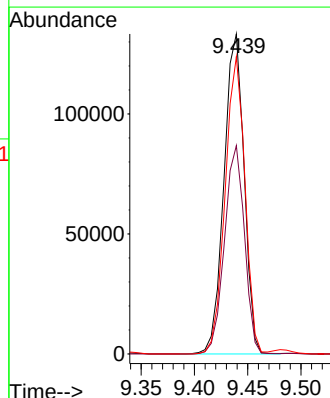
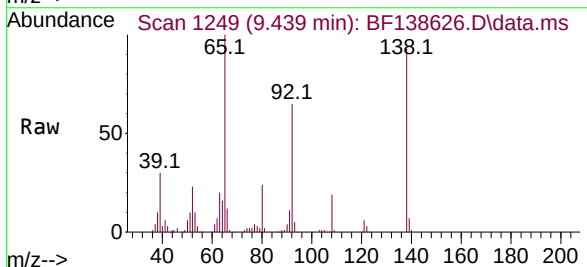
Tgt Ion: 65 Resp: 174872

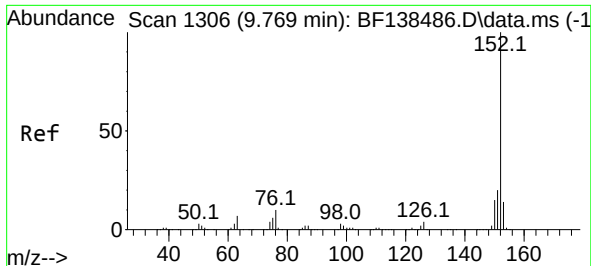
Ion Ratio Lower Upper

65 100

92 65.1 52.6 78.8

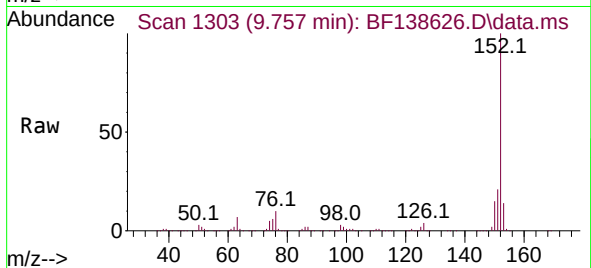
138 92.9 78.6 118.0



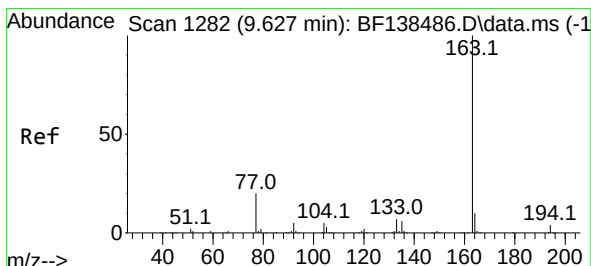
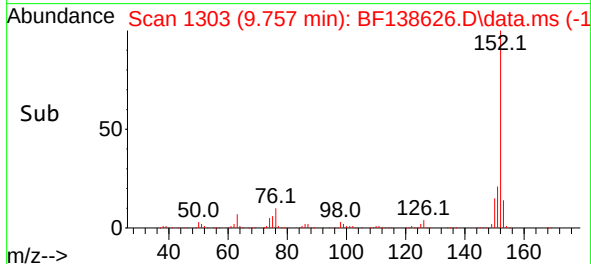
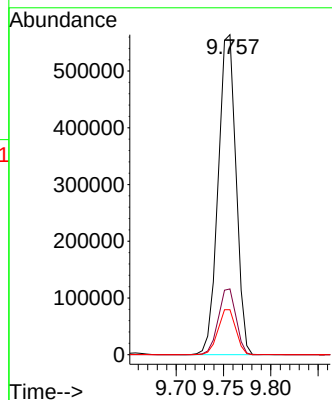


#49
Acenaphthylene
Concen: 57.787 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :
BNA_F
ClientSampleId :

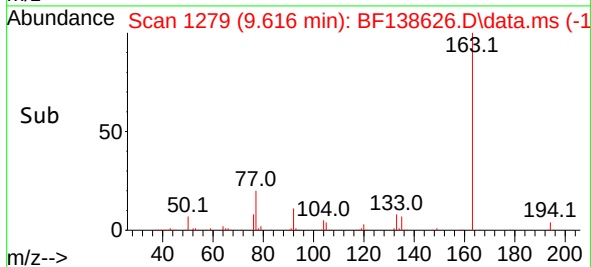
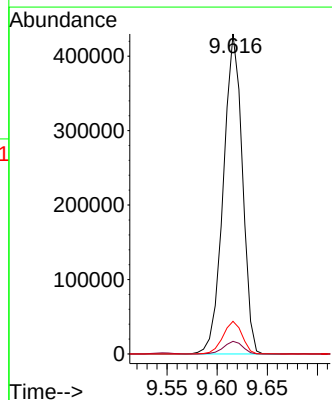
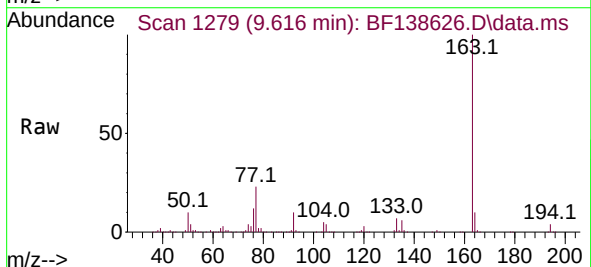


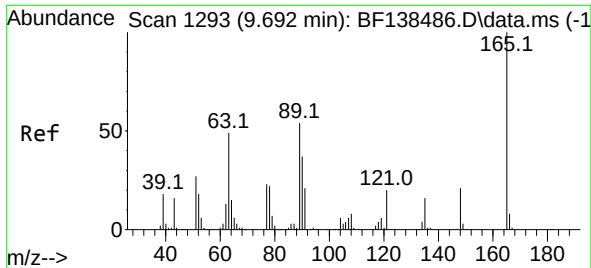
Tgt Ion:152 Resp: 741042
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 14.1 11.3 16.9



#50
Dimethylphthalate
Concen: 55.558 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

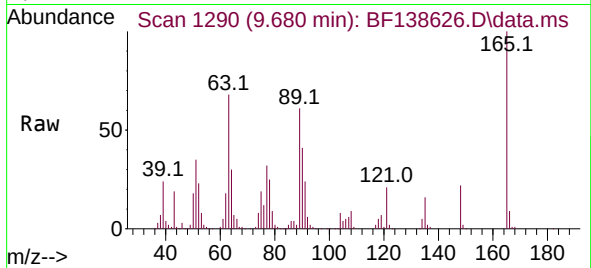
Tgt Ion:163 Resp: 566763
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.2 8.1 12.1



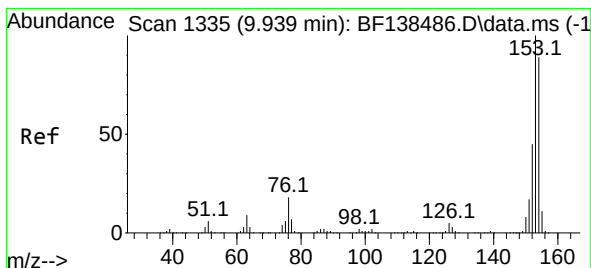
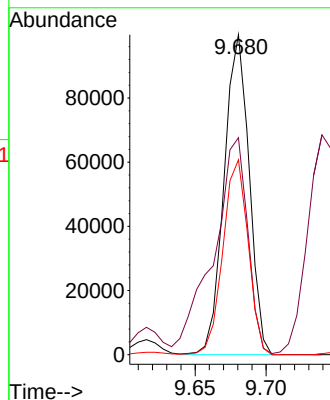
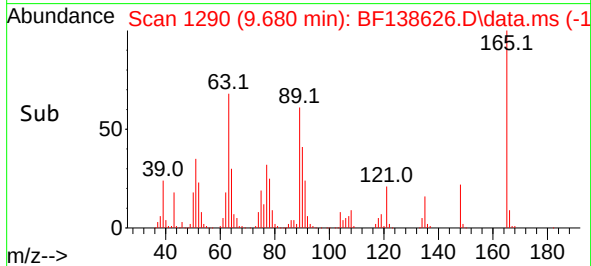


#51
2,6-Dinitrotoluene
Concen: 51.995 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :
BNA_F
ClientSampleId :

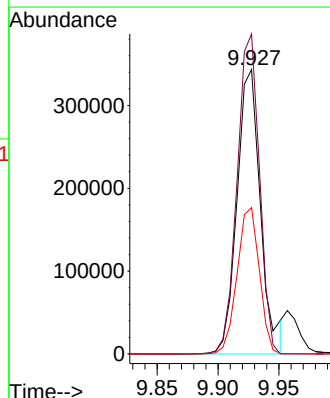
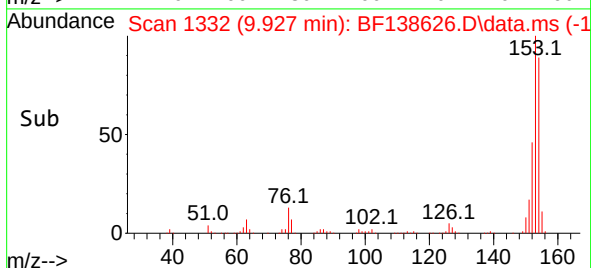
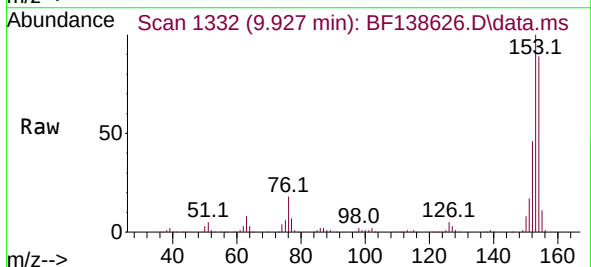


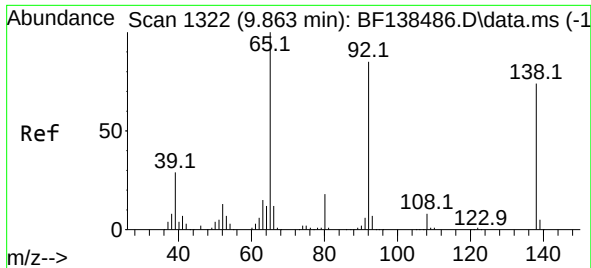
Tgt Ion:165 Resp: 122126
Ion Ratio Lower Upper
165 100
63 67.8 48.1 72.1
89 60.9 43.0 64.6



#52
Acenaphthene
Concen: 54.073 ng
RT: 9.927 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

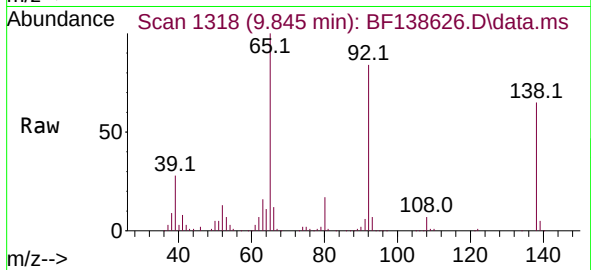
Tgt Ion:154 Resp: 460927
Ion Ratio Lower Upper
154 100
153 112.5 90.4 135.6
152 51.5 41.1 61.7



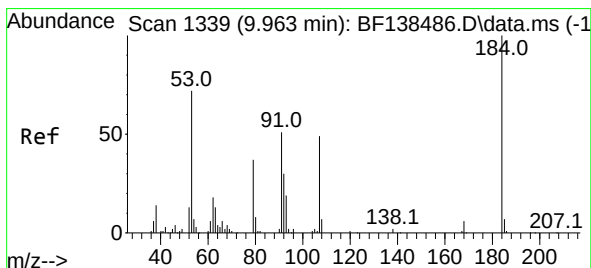
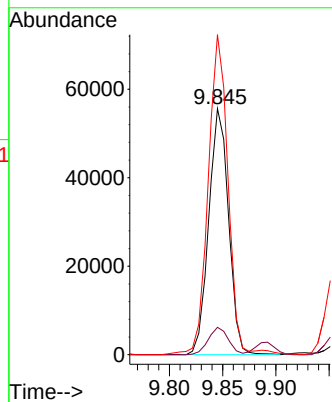
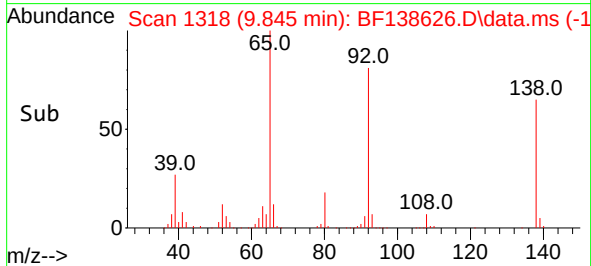


#53
3-Nitroaniline
Concen: 29.825 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

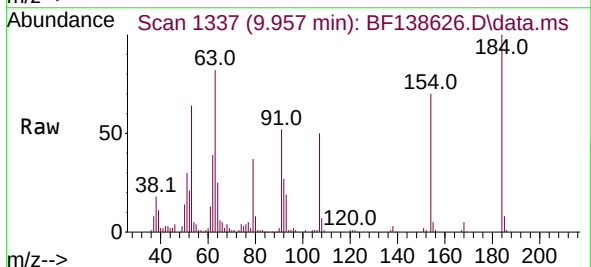
Instrument :
BNA_F
ClientSampleId :



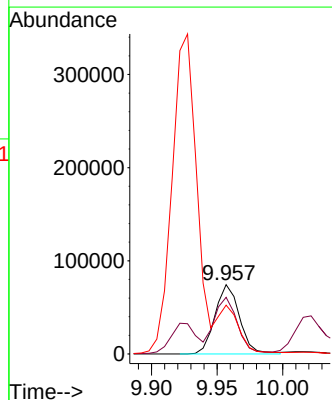
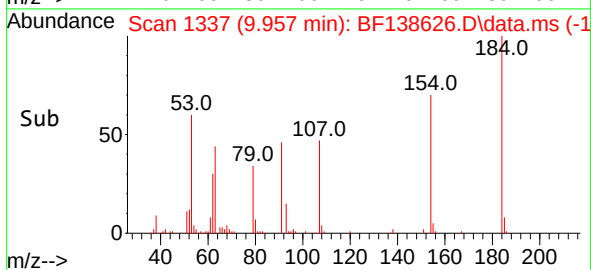
Tgt Ion:138 Resp: 71801
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 130.1 92.6 138.8

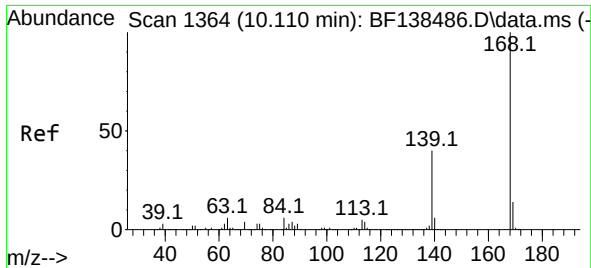


#54
2,4-Dinitrophenol
Concen: 77.001 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06



Tgt Ion:184 Resp: 96832
Ion Ratio Lower Upper
184 100
63 81.7 70.6 106.0
154 70.5 53.8 80.6

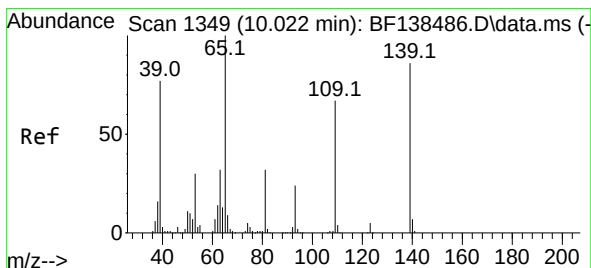
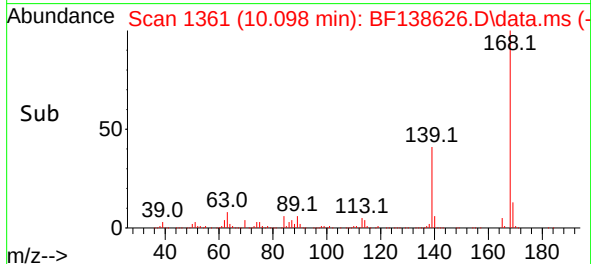
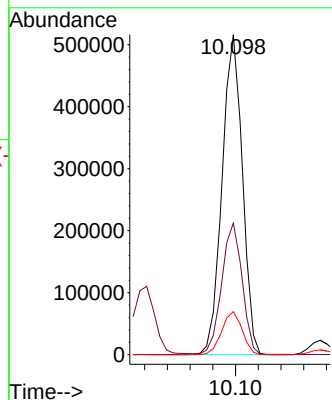
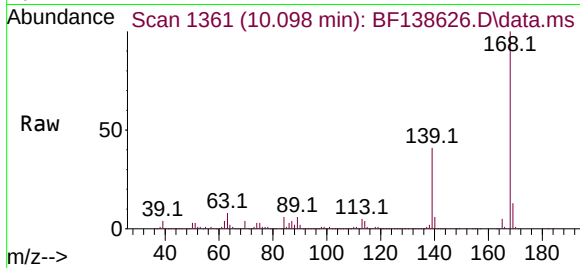




#55
Dibenzenofuran
Concen: 51.866 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

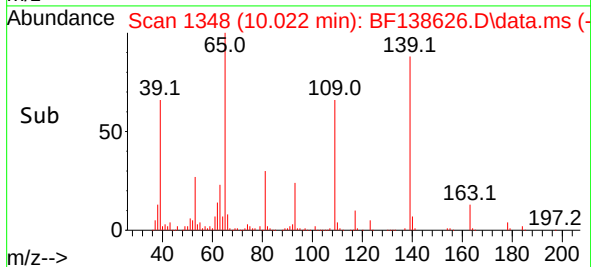
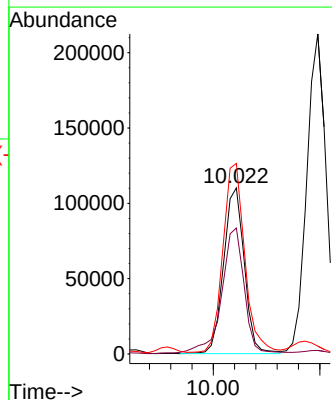
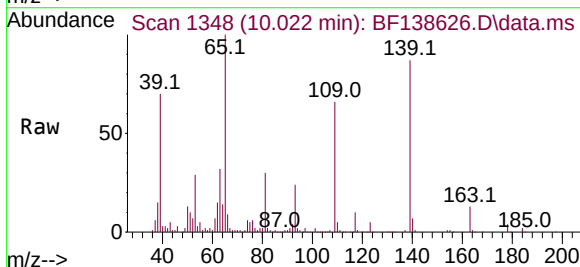
Instrument :
BNA_F
ClientSampleId :

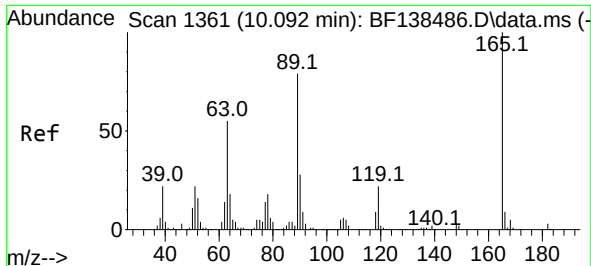
Tgt Ion:168 Resp: 641277
Ion Ratio Lower Upper
168 100
139 41.2 32.4 48.6
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 83.712 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:139 Resp: 148698
Ion Ratio Lower Upper
139 100
109 75.8 58.1 98.1
65 114.7 96.9 136.9

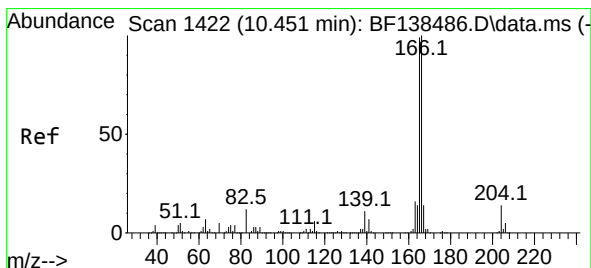
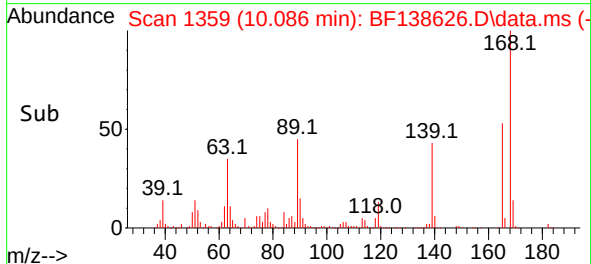
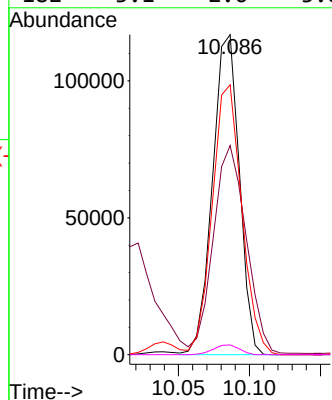
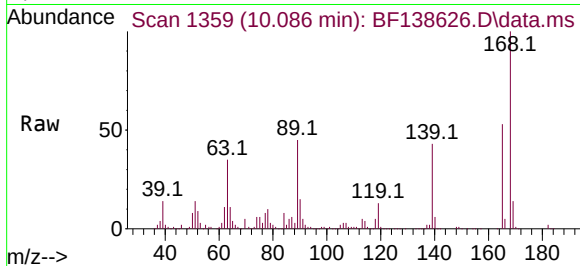




#57
2,4-Dinitrotoluene
Concen: 50.388 ng
RT: 10.086 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

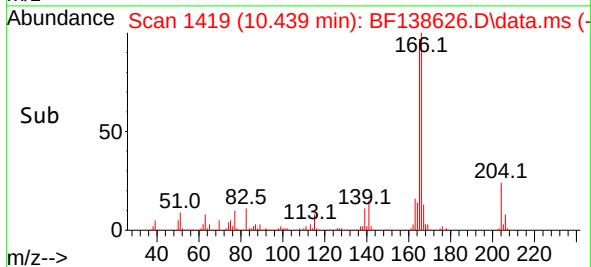
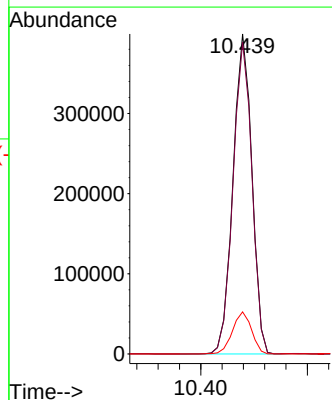
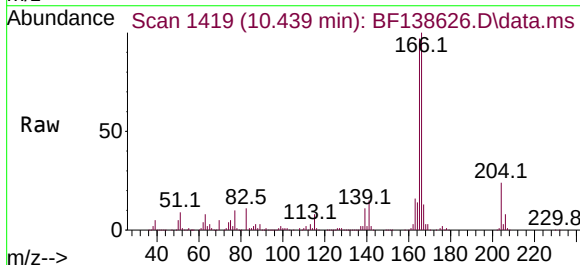
Instrument :
BNA_F
ClientSampleId :

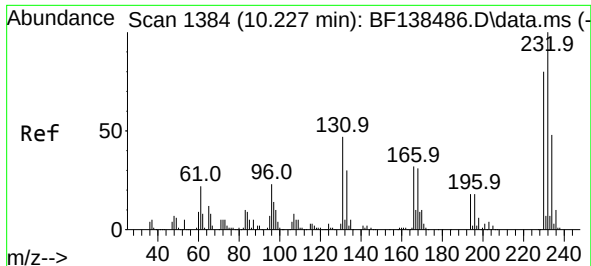
Tgt Ion:165 Resp: 153131
Ion Ratio Lower Upper
165 100
63 65.4 44.6 66.8
89 84.4 63.4 95.2
182 3.1 2.6 3.8



#58
Fluorene
Concen: 50.374 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:166 Resp: 492816
Ion Ratio Lower Upper
166 100
165 97.4 79.1 118.7
167 13.2 11.0 16.6

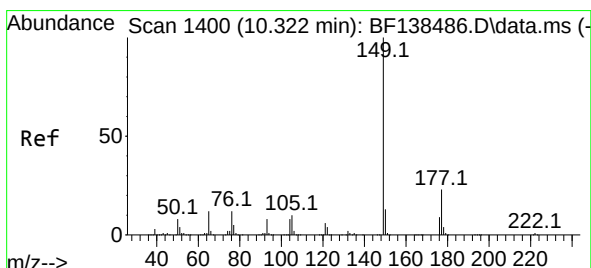
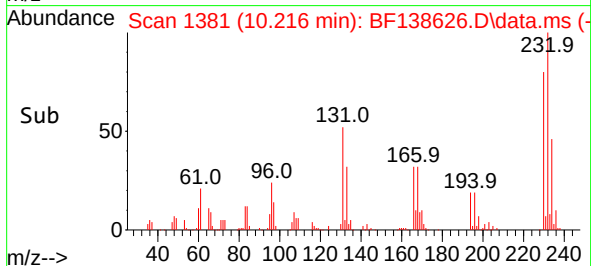
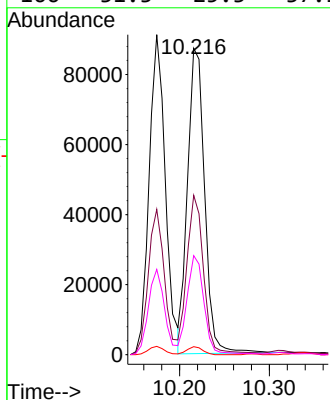
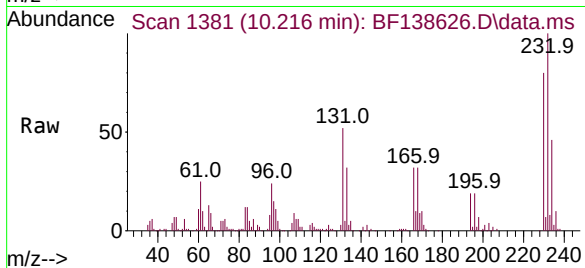




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.432 ng
RT: 10.216 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

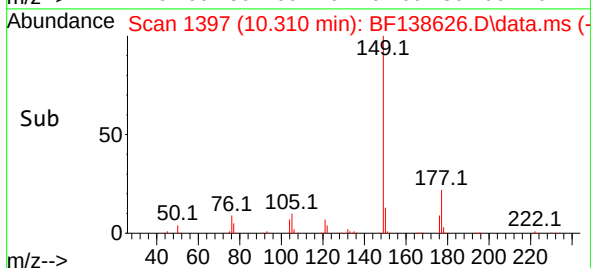
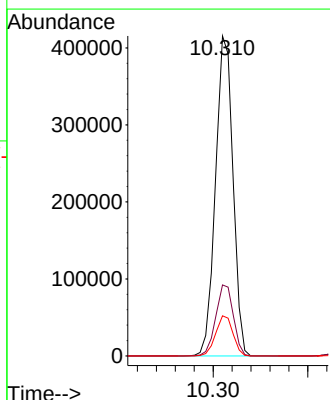
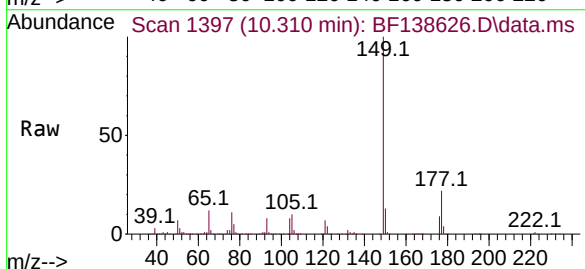
Instrument :
BNA_F
ClientSampleId :

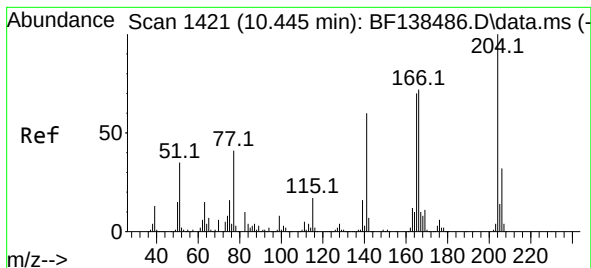
Tgt Ion:232 Resp: 115479
Ion Ratio Lower Upper
232 100
131 50.4 37.5 56.3
130 2.4 2.0 3.0
166 31.3 25.3 37.9



#60
Diethylphthalate
Concen: 54.070 ng
RT: 10.310 min Scan# 1397
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:149 Resp: 531748
Ion Ratio Lower Upper
149 100
177 22.2 18.5 27.7
150 12.5 10.3 15.5

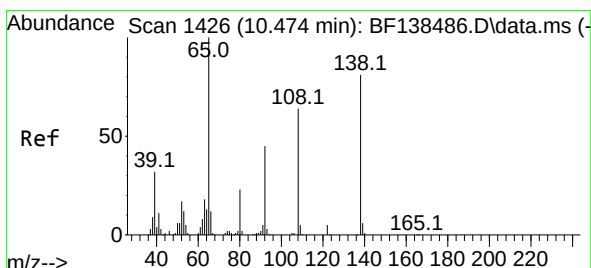
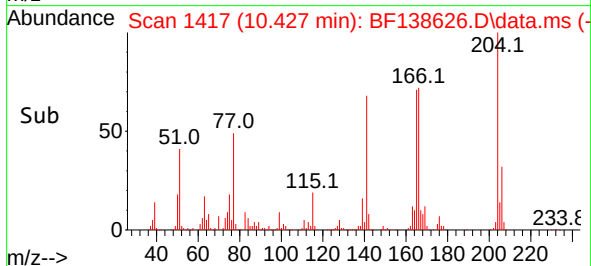
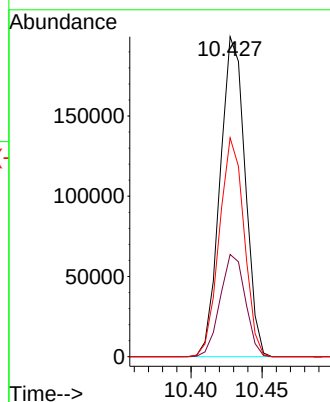
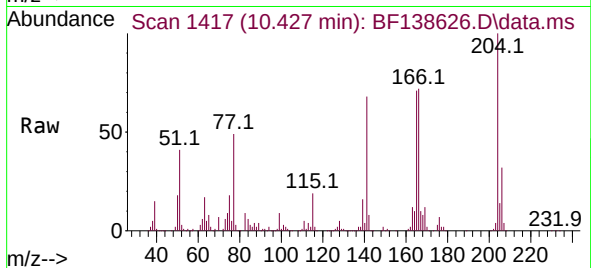




#61
4-Chlorophenyl-phenylether
Concen: 49.832 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

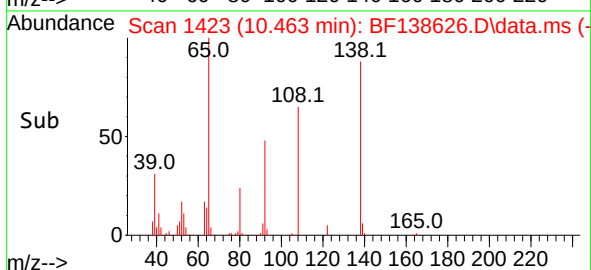
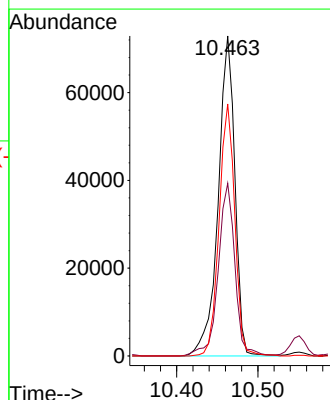
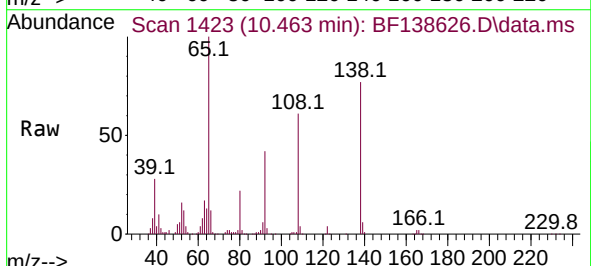
Instrument :
BNA_F
ClientSampleId :

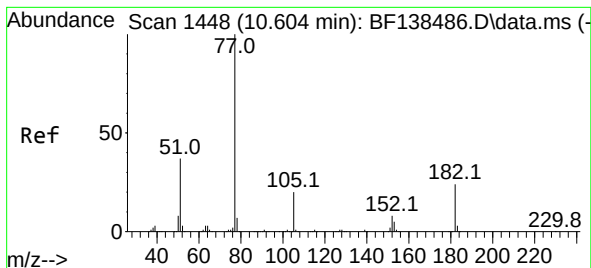
Tgt Ion:204 Resp: 244800
Ion Ratio Lower Upper
204 100
206 31.9 25.6 38.4
141 68.4 47.7 71.5



#62
4-Nitroaniline
Concen: 43.338 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:138 Resp: 104547
Ion Ratio Lower Upper
138 100
92 53.9 35.8 75.8
108 78.8 59.8 99.8





#63

Azobenzene

Concen: 53.357 ng

RT: 10.592 min Scan# 1448

Delta R.T. -0.012 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 564168

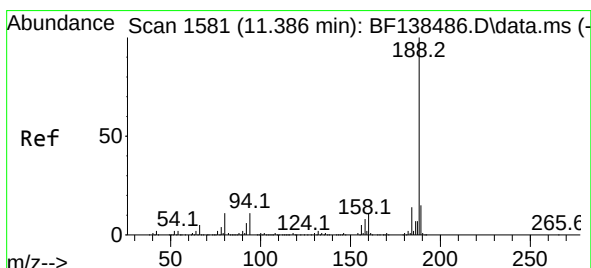
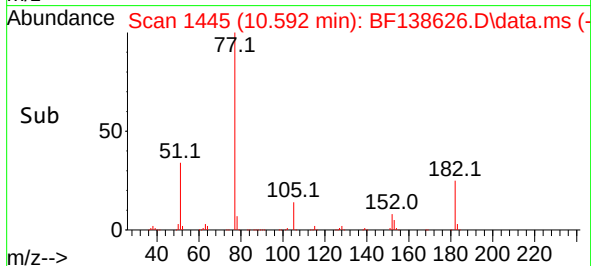
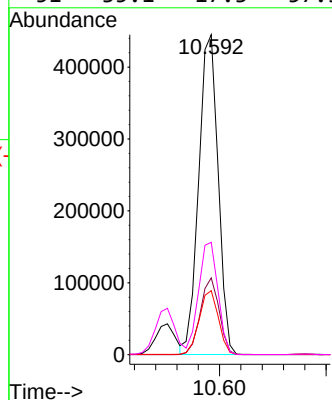
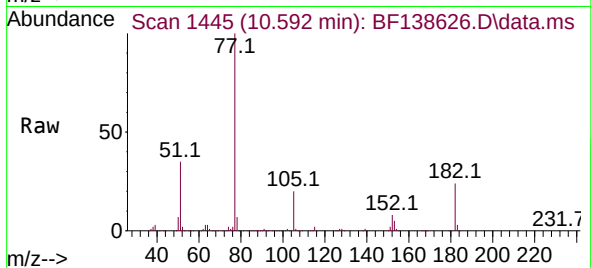
Ion Ratio Lower Upper

77 100

182 24.0 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: 11.374 min Scan# 1578

Delta R.T. -0.012 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

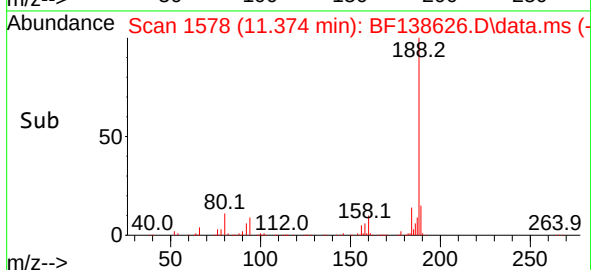
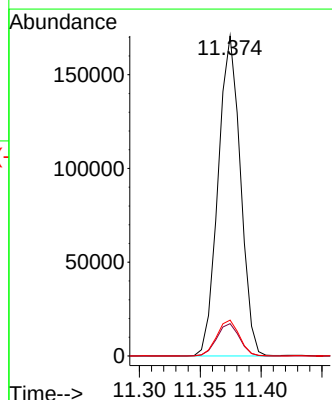
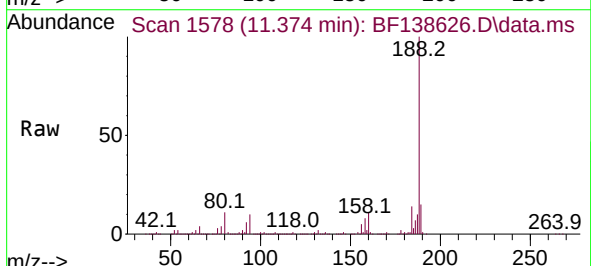
Tgt Ion: 188 Resp: 218173

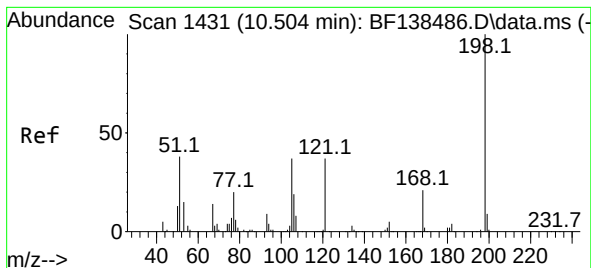
Ion Ratio Lower Upper

188 100

94 10.1 8.7 13.1

80 11.2 9.0 13.4

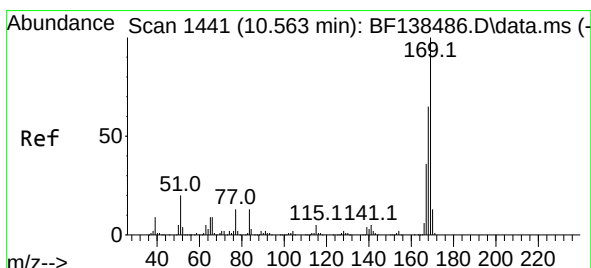
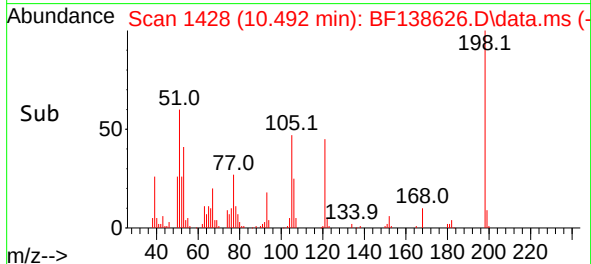
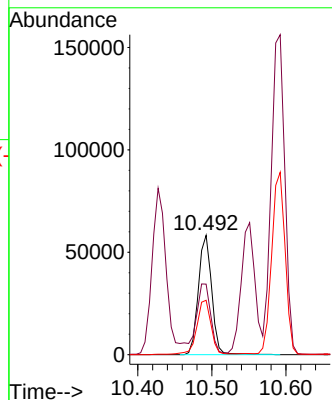
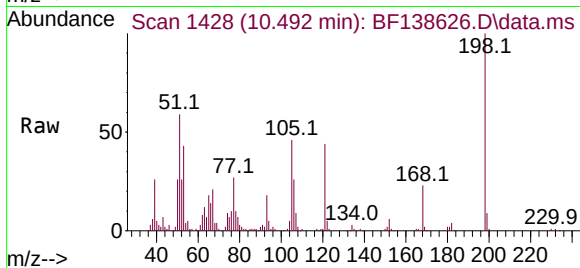




#65
4,6-Dinitro-2-methylphenol
Concen: 57.797 ng
RT: 10.492 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

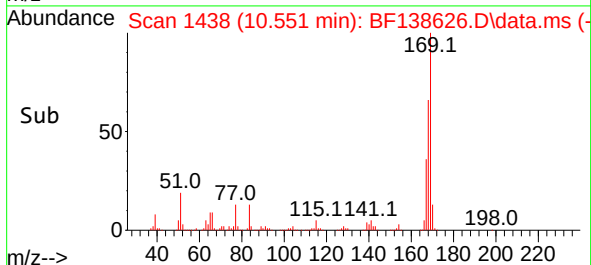
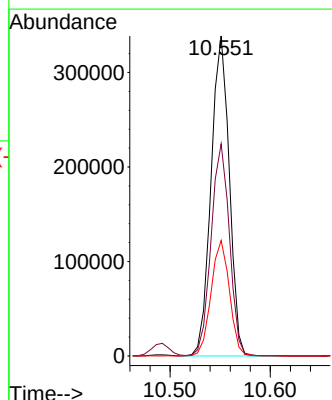
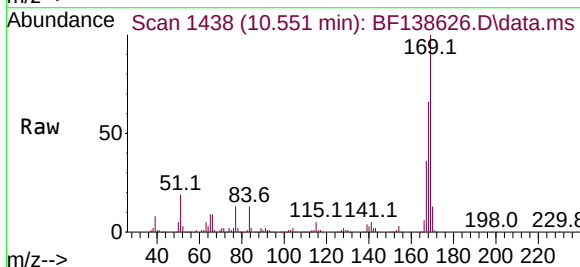
Instrument :
BNA_F
ClientSampleId :

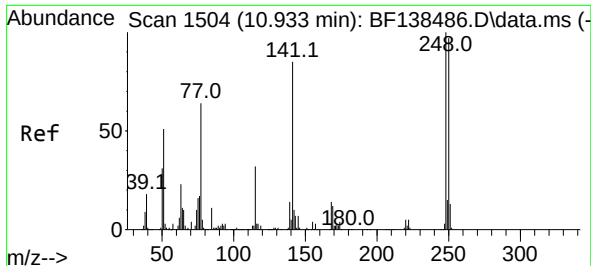
Tgt Ion:198 Resp: 72810
Ion Ratio Lower Upper
198 100
51 59.1 27.2 67.2
105 45.6 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 65.229 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

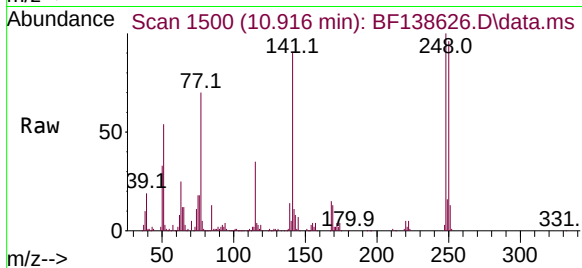
Tgt Ion:169 Resp: 426375
Ion Ratio Lower Upper
169 100
168 66.3 51.7 77.5
167 36.1 28.5 42.7



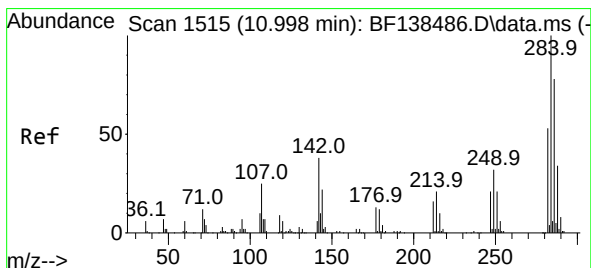
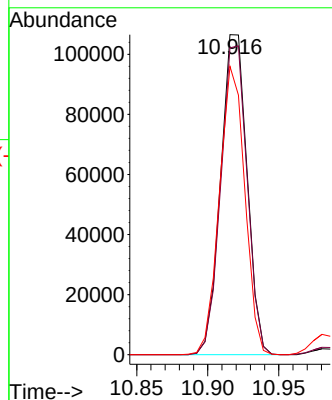
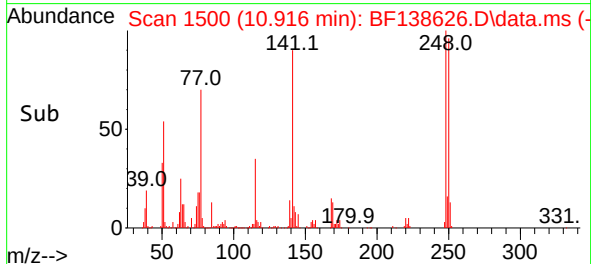


#67
4-Bromophenyl-phenylether
Concen: 61.497 ng
RT: 10.916 min Scan# 1500
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :
BNA_F
ClientSampleId :

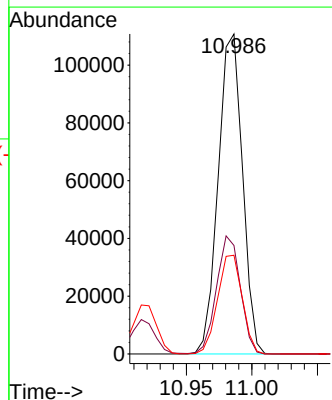
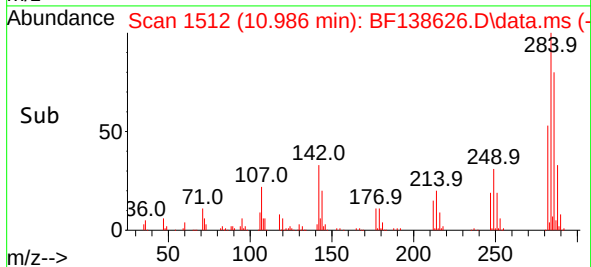
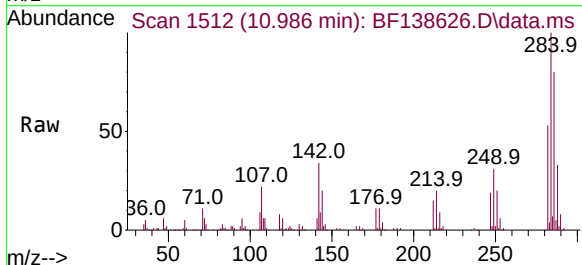


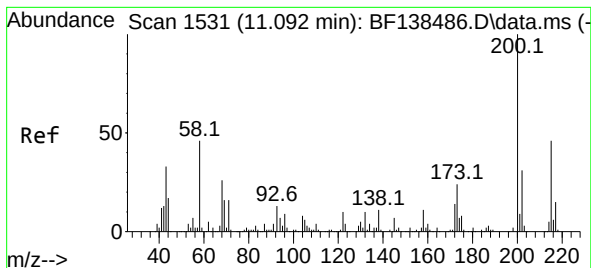
Tgt Ion:248 Resp: 137902
Ion Ratio Lower Upper
248 100
250 95.9 77.9 116.9
141 90.1 67.7 101.5



#68
Hexachlorobenzene
Concen: 57.231 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:284 Resp: 142570
Ion Ratio Lower Upper
284 100
142 33.9 30.5 45.7
249 30.8 25.9 38.9





#69

Atrazine

Concen: 55.231 ng

RT: 11.074 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

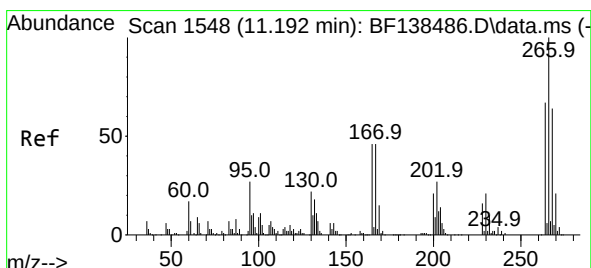
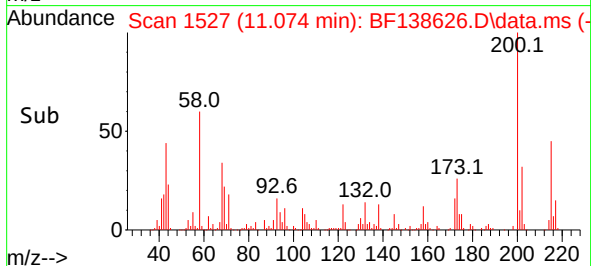
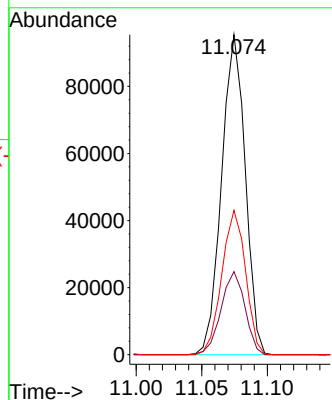
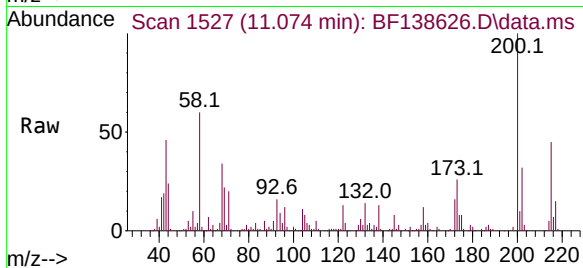
Tgt Ion:200 Resp: 119696

Ion Ratio Lower Upper

200 100

173 26.0 4.1 44.1

215 45.1 26.5 66.5



#70

Pentachlorophenol

Concen: 86.855 ng

RT: 11.180 min Scan# 1545

Delta R.T. -0.012 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

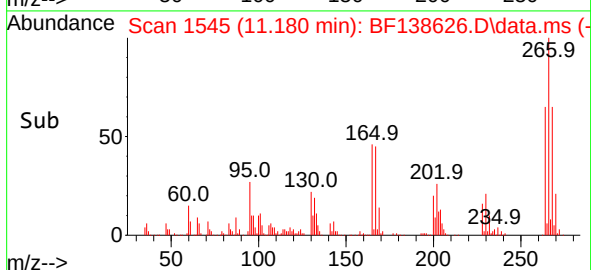
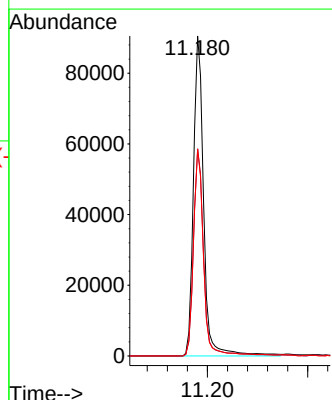
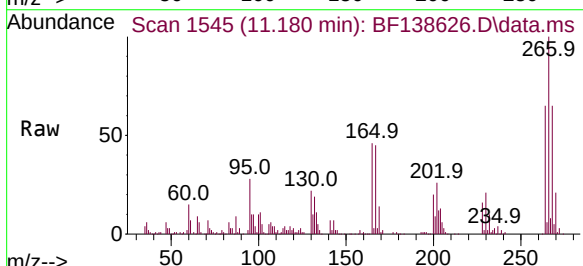
Tgt Ion:266 Resp: 128032

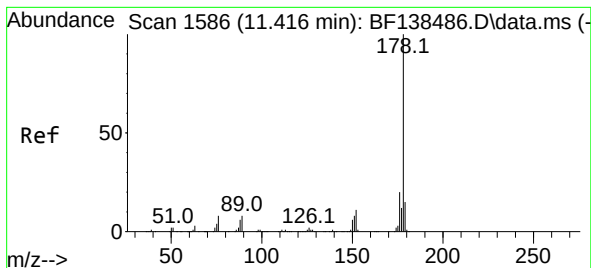
Ion Ratio Lower Upper

266 100

268 64.7 50.9 76.3

264 64.6 53.5 80.3





#71

Phenanthrene

Concen: 55.868 ng

RT: 11.398 min Scan# 1586

Delta R.T. -0.018 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

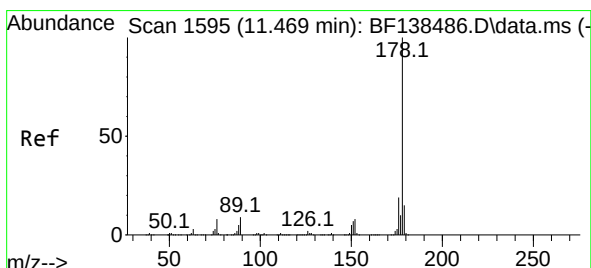
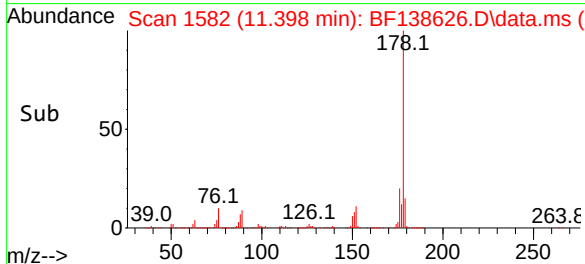
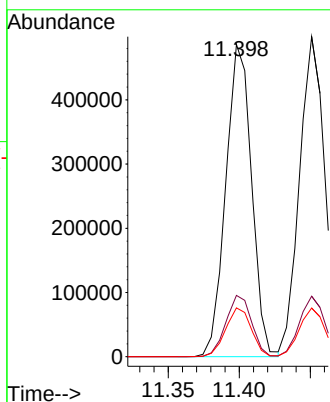
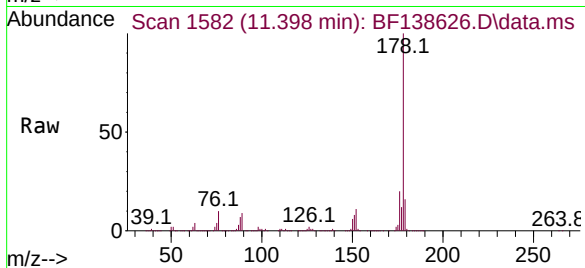
Tgt Ion:178 Resp: 615795

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

179 15.6 12.2 18.2



#72

Anthracene

Concen: 56.247 ng

RT: 11.451 min Scan# 1591

Delta R.T. -0.018 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

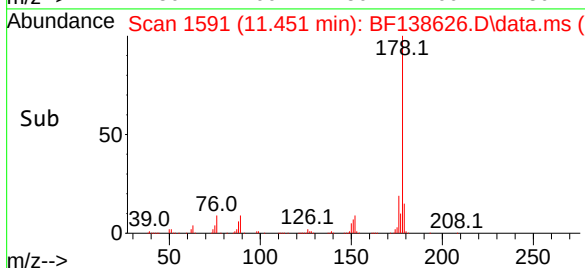
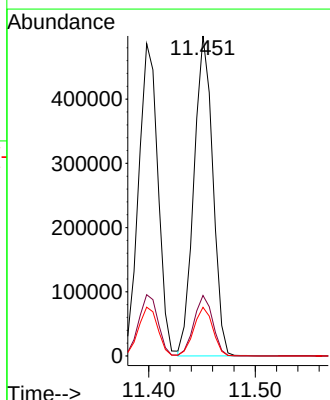
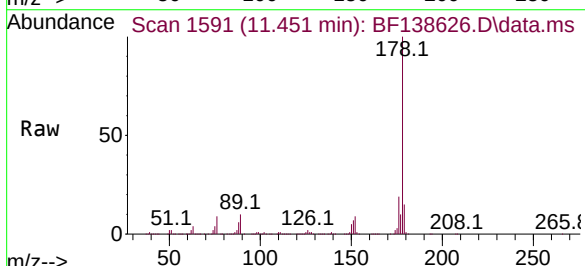
Tgt Ion:178 Resp: 615421

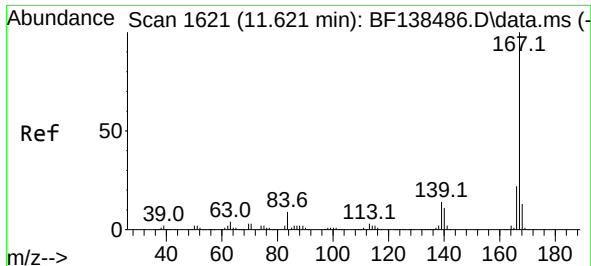
Ion Ratio Lower Upper

178 100

176 18.9 14.8 22.2

179 15.2 12.2 18.4

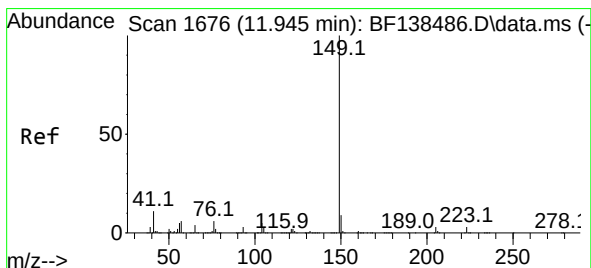
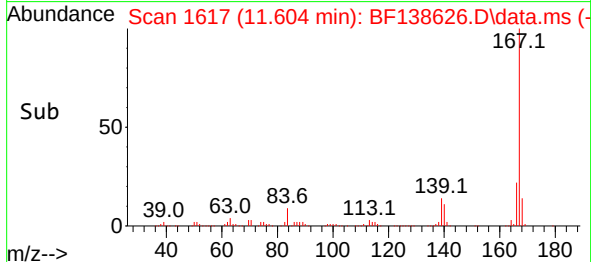
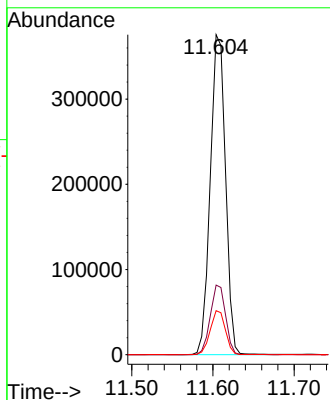
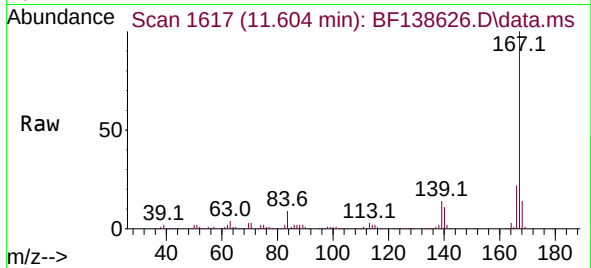




#73
 Carbazole
 Concen: 49.799 ng
 RT: 11.604 min Scan# 1617
 Delta R.T. -0.018 min
 Lab File: BF138626.D
 Acq: 23 Jul 2024 19:06

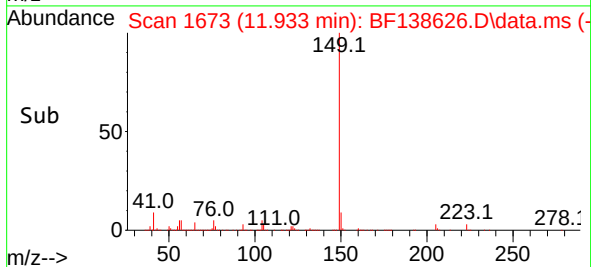
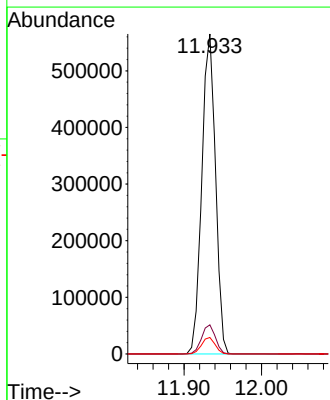
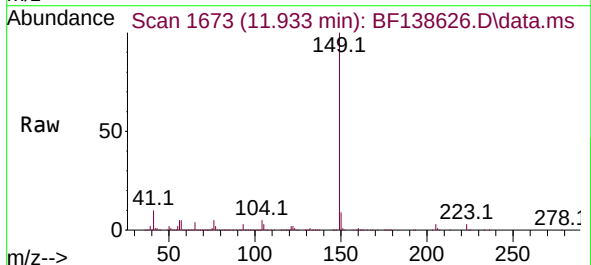
Instrument :
 BNA_F
 ClientSampleId :

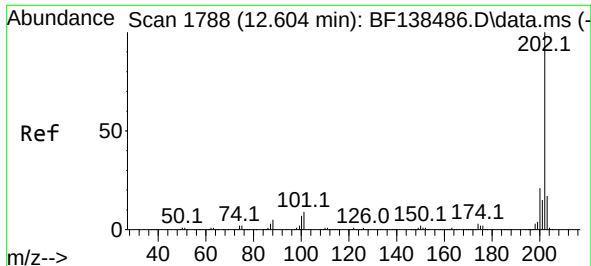
Tgt Ion:167 Resp: 489658
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 13.8 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 61.082 ng
 RT: 11.933 min Scan# 1673
 Delta R.T. -0.012 min
 Lab File: BF138626.D
 Acq: 23 Jul 2024 19:06

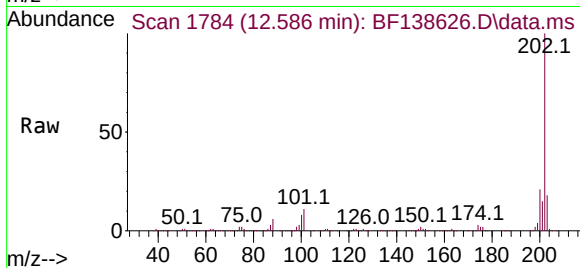
Tgt Ion:149 Resp: 692295
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.1 4.4 6.6



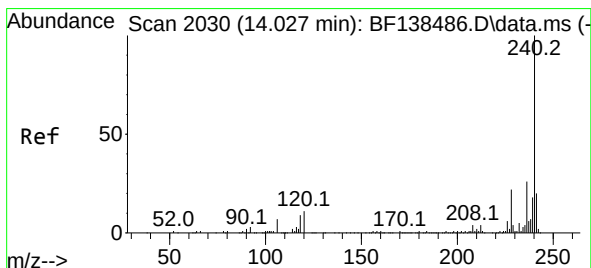
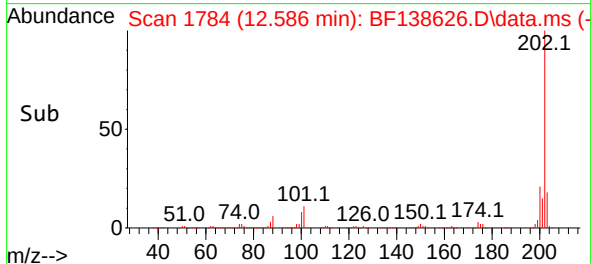
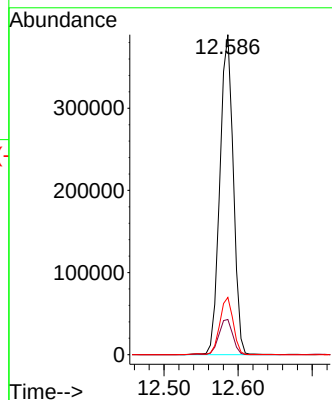


#75
Fluoranthene
Concen: 43.764 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :
BNA_F
ClientSampleId :

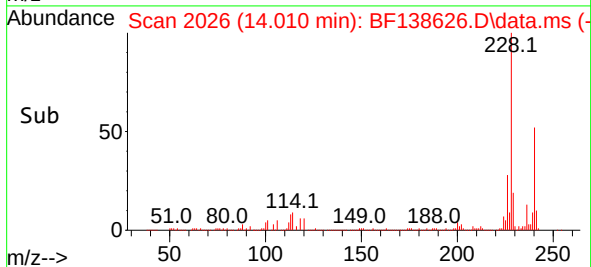
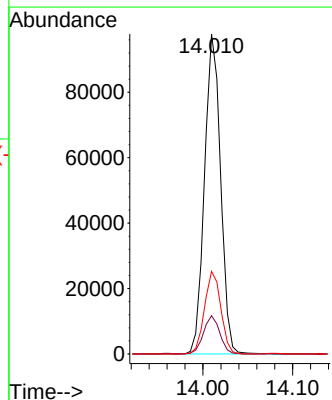
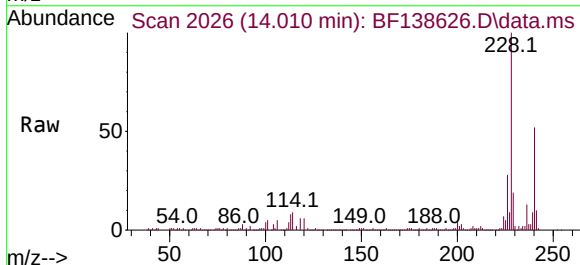


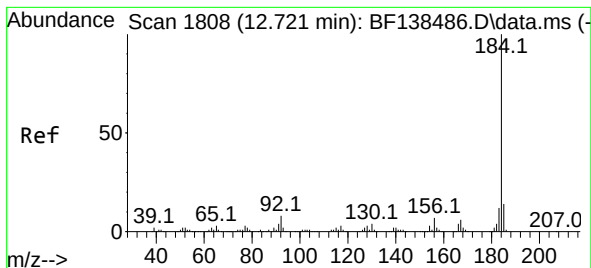
Tgt Ion:202 Resp: 492220
Ion Ratio Lower Upper
202 100
101 11.0 0.0 29.2
203 17.9 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:240 Resp: 121691
Ion Ratio Lower Upper
240 100
120 11.9 8.6 12.8
236 25.8 21.0 31.6





#77

Benzidine

Concen: 35.091 ng

RT: 12.704 min Scan# 1804

Delta R.T. -0.017 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

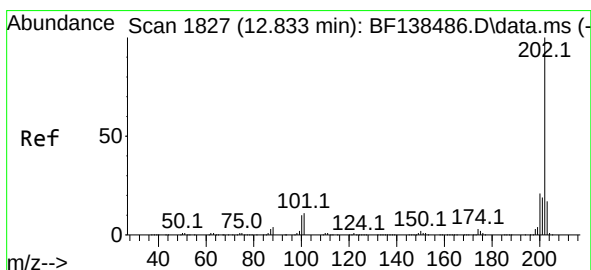
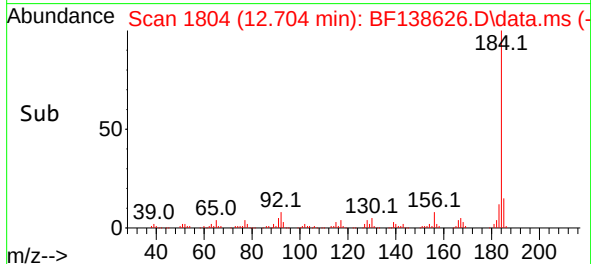
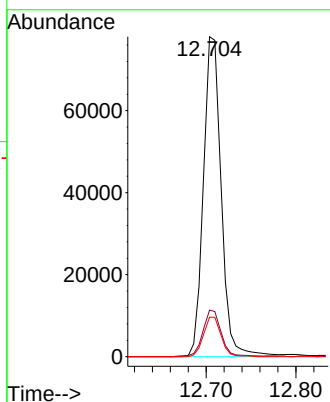
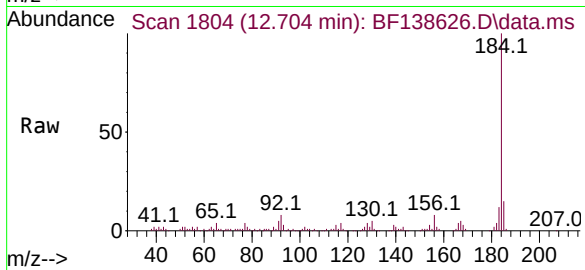
Tgt Ion:184 Resp: 107738

Ion Ratio Lower Upper

184 100

185 14.6 11.3 16.9

183 12.3 9.5 14.3



#78

Pyrene

Concen: 39.765 ng

RT: 12.816 min Scan# 1823

Delta R.T. -0.018 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

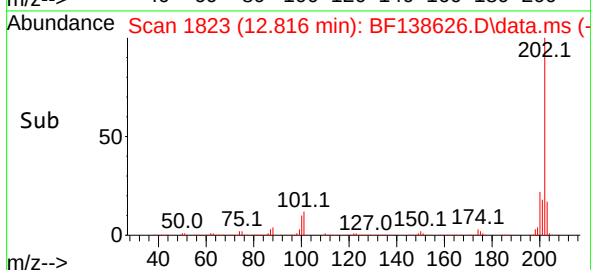
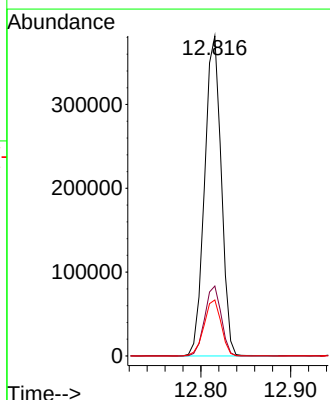
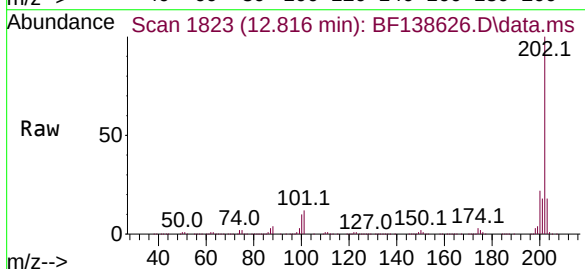
Tgt Ion:202 Resp: 491229

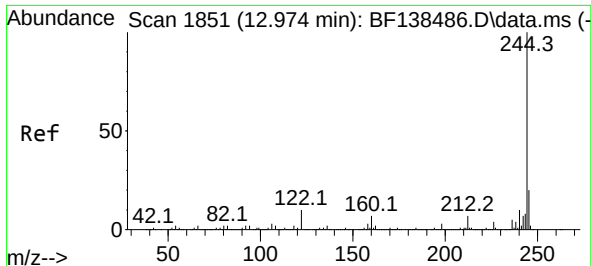
Ion Ratio Lower Upper

202 100

200 21.8 17.0 25.6

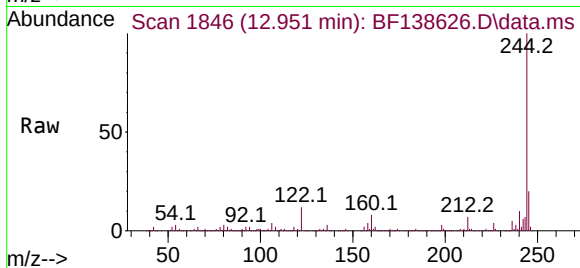
203 17.5 13.7 20.5



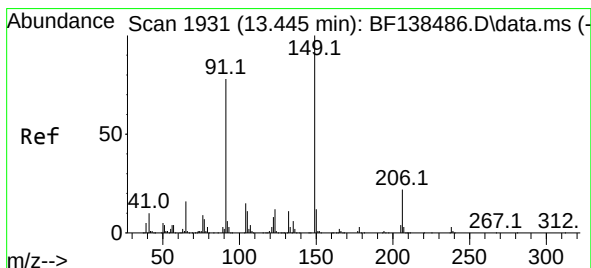
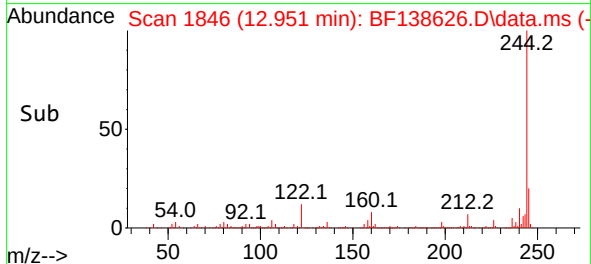
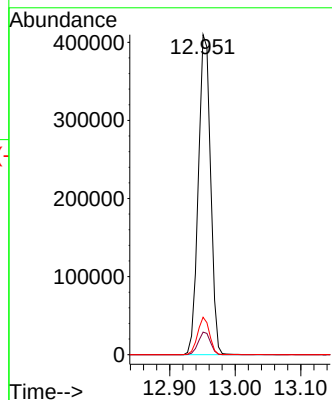


#79
 Terphenyl-d14
 Concen: 71.233 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: BF138626.D
 Acq: 23 Jul 2024 19:06

Instrument :
 BNA_F
 ClientSampleId :

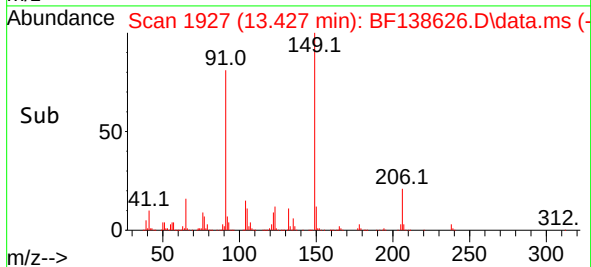
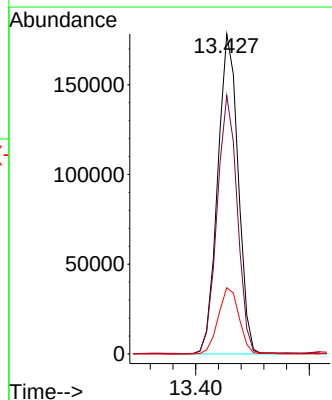
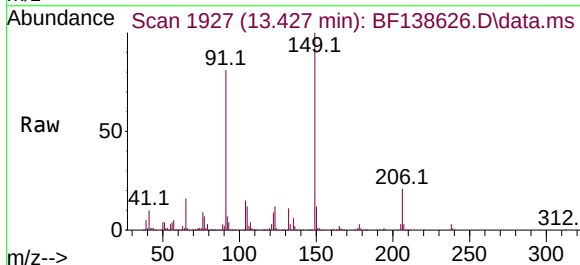


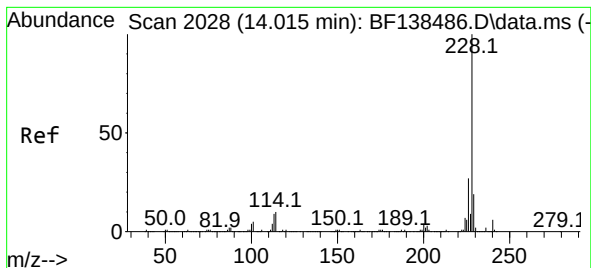
Tgt Ion:244 Resp: 532093
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 11.7 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 60.096 ng
 RT: 13.427 min Scan# 1927
 Delta R.T. -0.018 min
 Lab File: BF138626.D
 Acq: 23 Jul 2024 19:06

Tgt Ion:149 Resp: 223321
 Ion Ratio Lower Upper
 149 100
 91 80.8 62.1 93.1
 206 20.7 18.0 27.0





#81

Benzo(a)anthracene

Concen: 58.417 ng

RT: 13.998 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

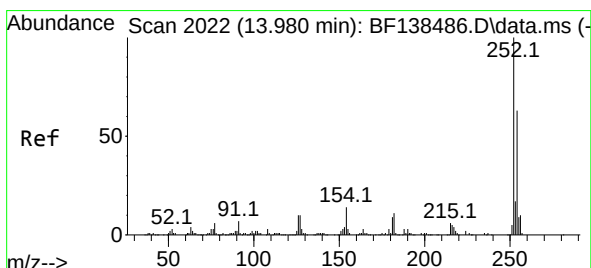
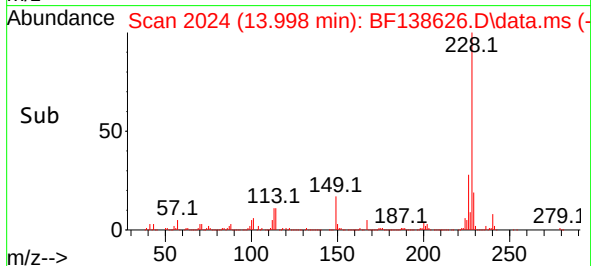
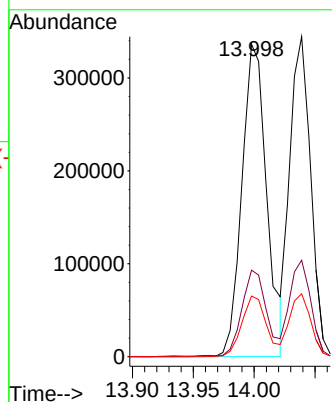
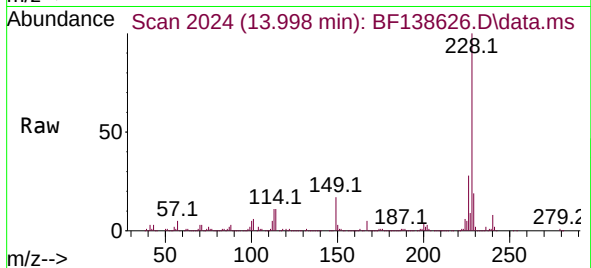
Tgt Ion:228 Resp: 477001

Ion Ratio Lower Upper

228 100

226 27.7 21.9 32.9

229 19.4 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 41.150 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

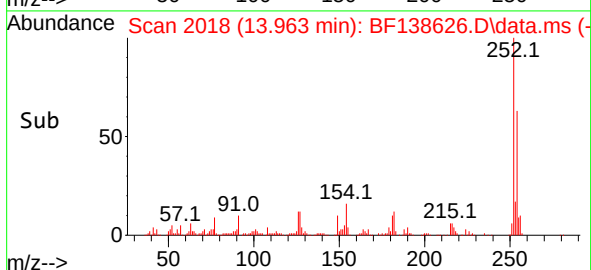
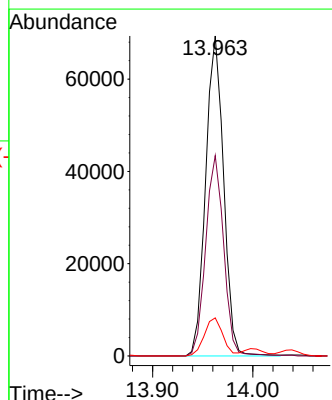
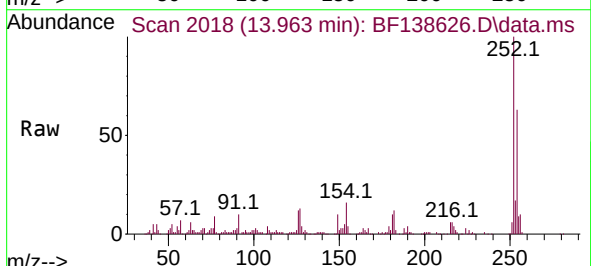
Tgt Ion:252 Resp: 86582

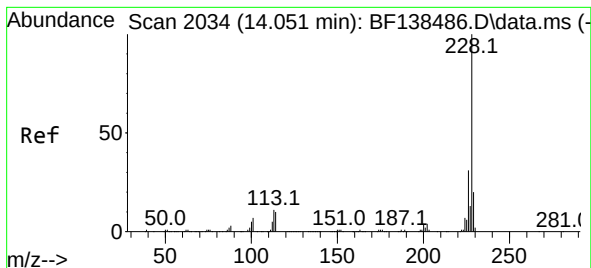
Ion Ratio Lower Upper

252 100

254 62.6 50.3 75.5

126 11.9 8.1 12.1





#83

Chrysene

Concen: 53.077 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

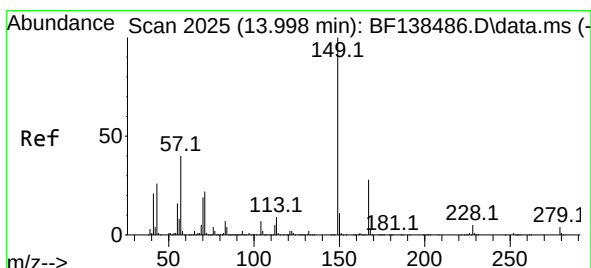
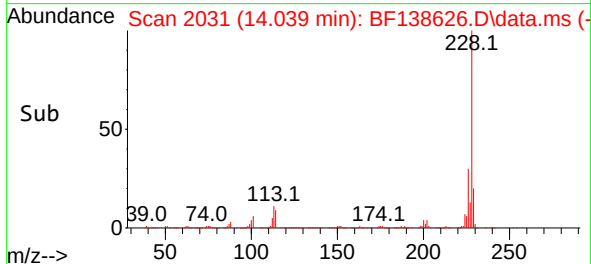
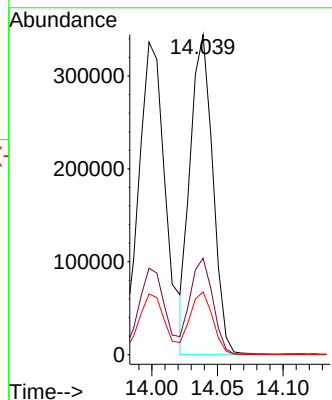
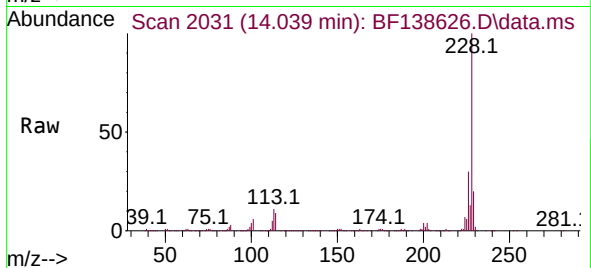
Tgt Ion:228 Resp: 409994

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 74.785 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

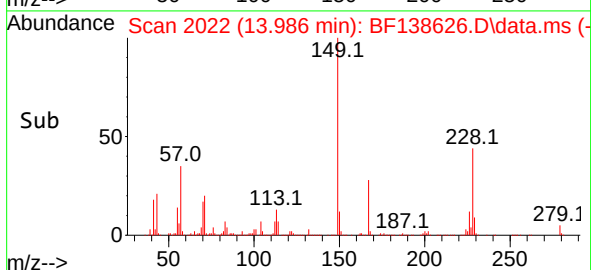
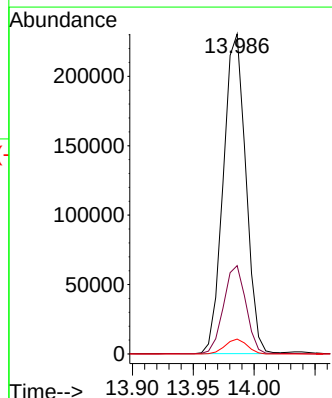
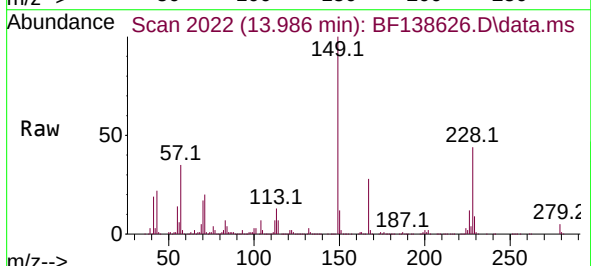
Tgt Ion:149 Resp: 296393

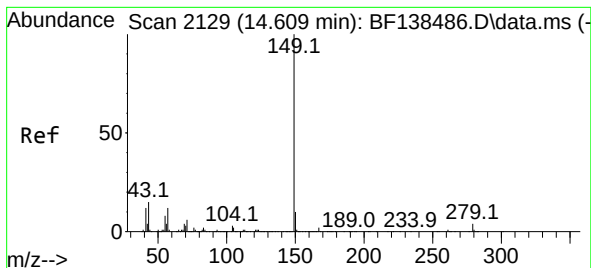
Ion Ratio Lower Upper

149 100

167 27.6 22.5 33.7

279 4.7 3.0 4.6#





#85

Di-n-octyl phthalate

Concen: 84.311 ng

RT: 14.598 min Scan# 2126

Delta R.T. -0.011 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

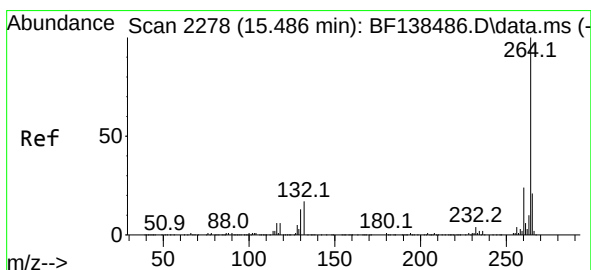
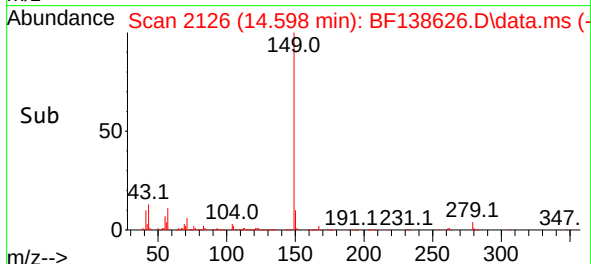
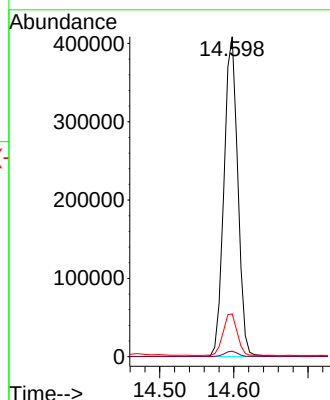
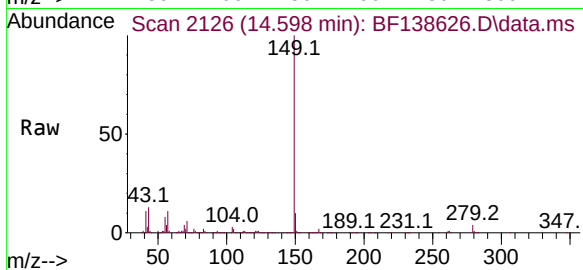
Tgt Ion:149 Resp: 527869

Ion Ratio Lower Upper

149 100

167 1.9 1.3 1.9

43 13.3 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.018 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

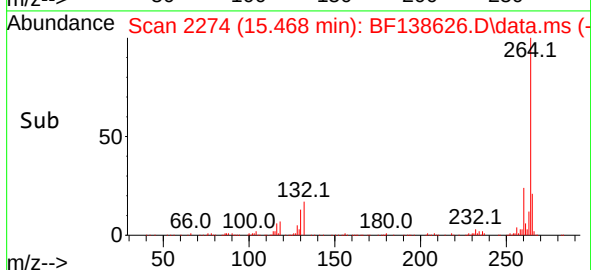
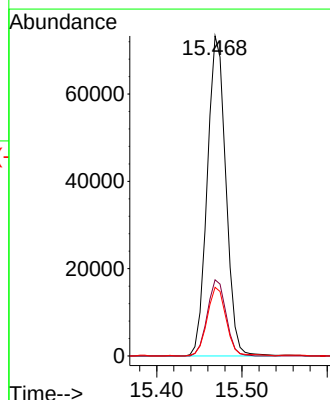
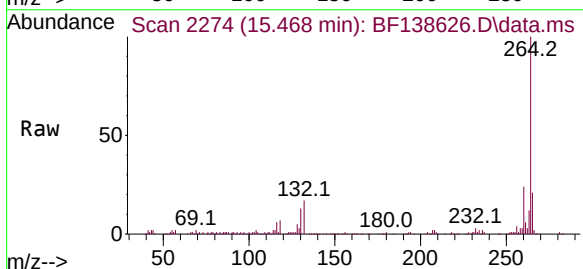
Tgt Ion:264 Resp: 111117

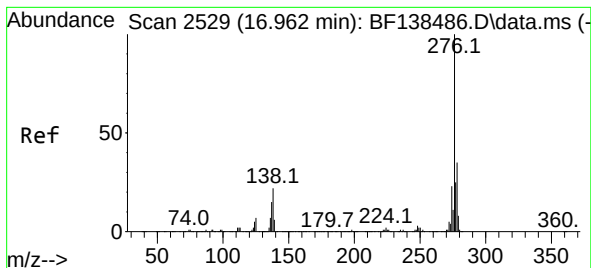
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.553 ng

RT: 16.933 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

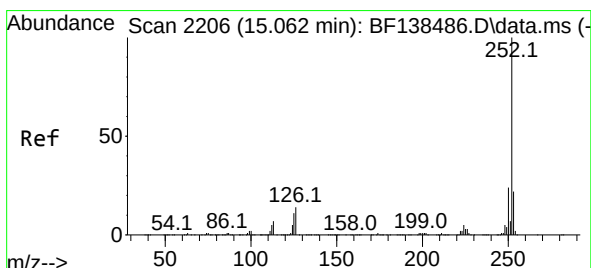
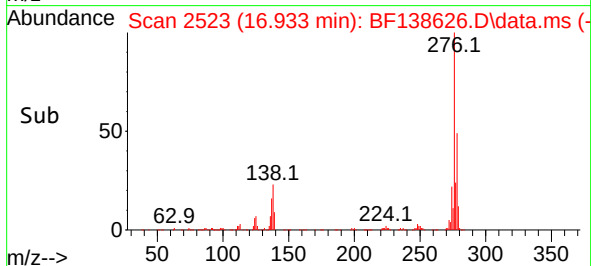
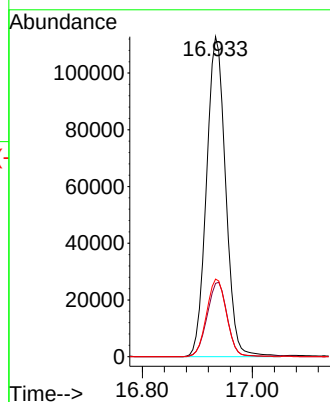
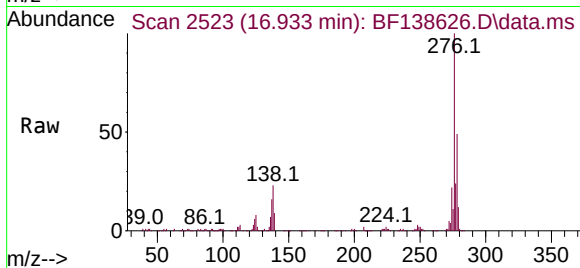
Tgt Ion:276 Resp: 272823

Ion Ratio Lower Upper

276 100

138 24.3 19.6 29.4

277 25.3 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 70.772 ng

RT: 15.045 min Scan# 2202

Delta R.T. -0.018 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

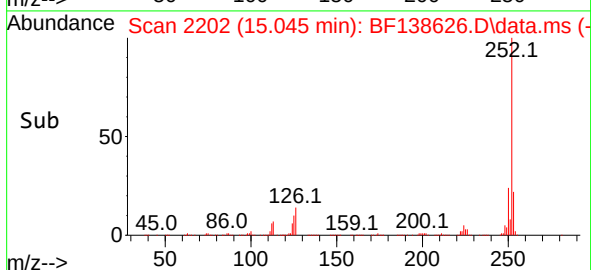
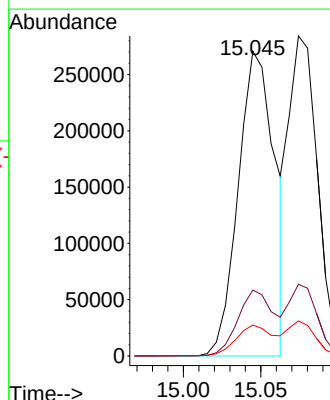
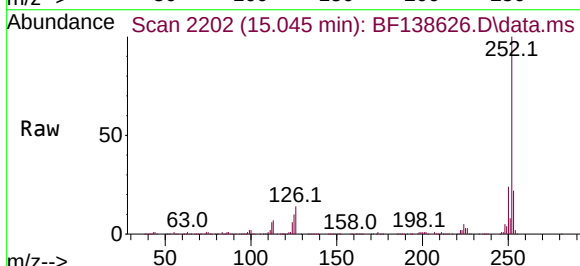
Tgt Ion:252 Resp: 442877

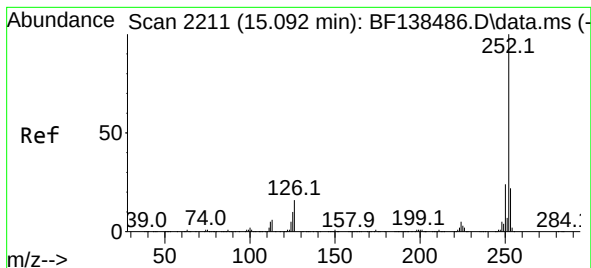
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 10.1 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 59.895 ng

RT: 15.074 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

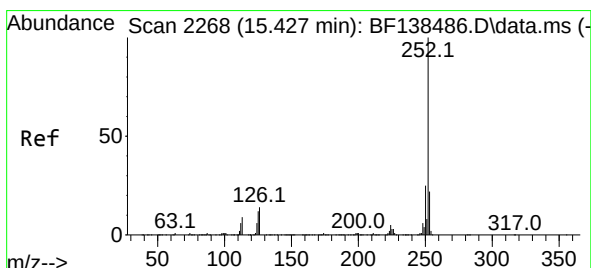
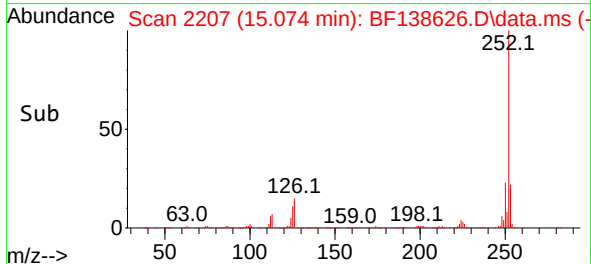
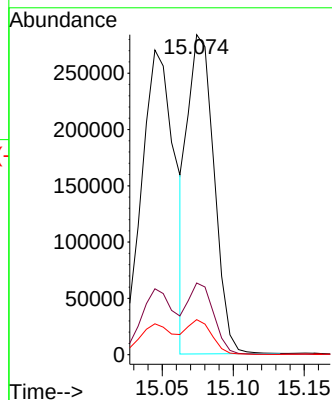
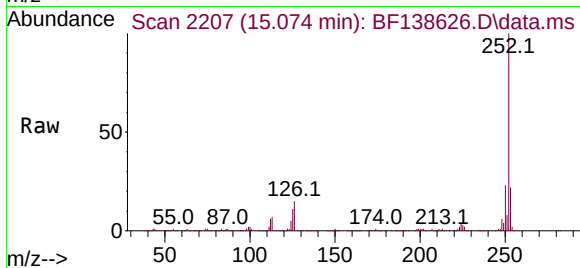
Tgt Ion:252 Resp: 365551

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 10.9 8.1 12.1



#90

Benzo(a)pyrene

Concen: 60.263 ng

RT: 15.409 min Scan# 2264

Delta R.T. -0.018 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

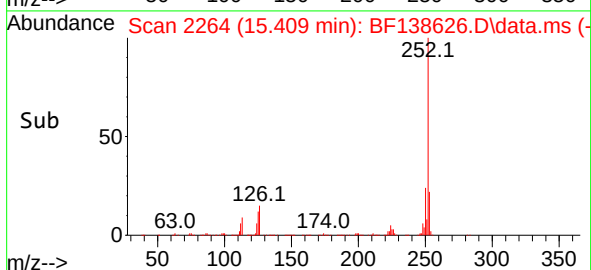
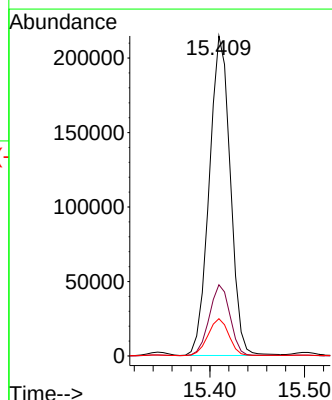
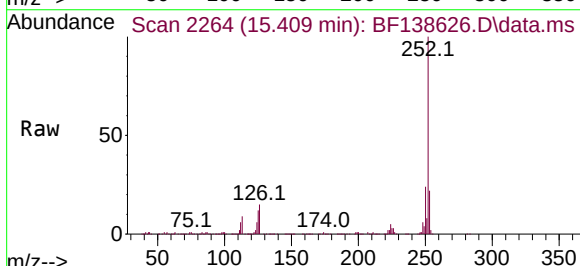
Tgt Ion:252 Resp: 331277

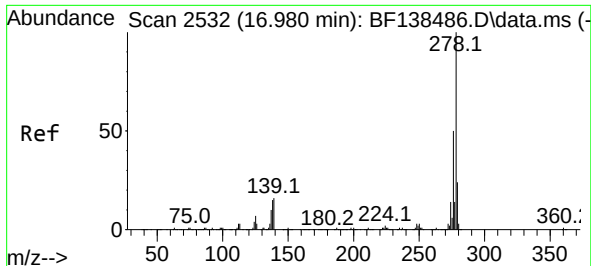
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

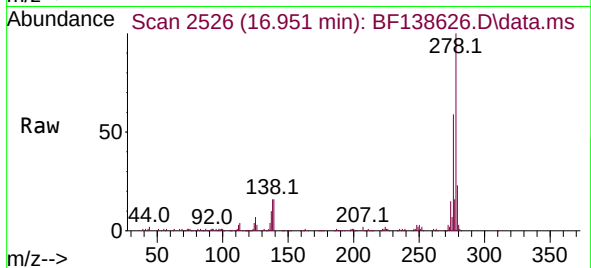
125 11.6 9.4 14.2



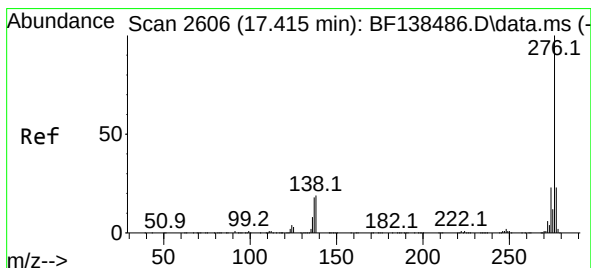
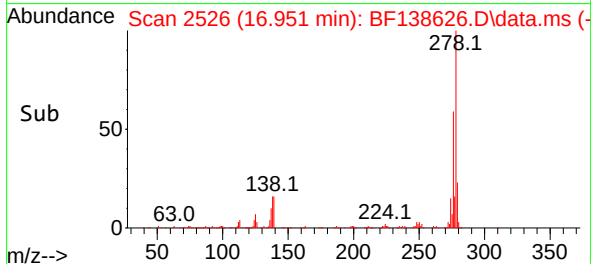
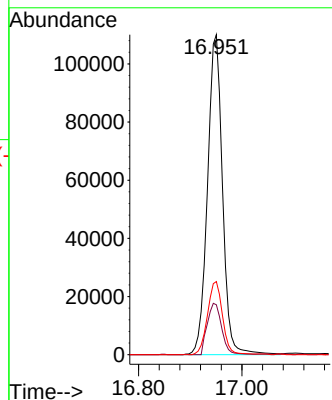


#91
Dibenzo(a,h)anthracene
Concen: 36.324 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:278 Resp: 221772
Ion Ratio Lower Upper
278 100
139 15.6 12.8 19.2
279 22.9 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 32.218 ng
RT: 17.374 min Scan# 2598
Delta R.T. -0.041 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:276 Resp: 208584
Ion Ratio Lower Upper
276 100
277 23.3 18.0 27.0
138 21.6 15.5 23.3

