

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
 Data File : BF138546.D
 Acq On : 12 Jul 2024 15:03
 Operator : CG\JU
 Sample : P3193-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILL-MATERIAL-1MS

Quant Time: Jul 12 15:36:27 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	6.863	152	85651	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	348278	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	191419	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	283349	20.000	ng	0.00
76) Chrysene-d12	14.022	240	155879	20.000	ng	0.00
86) Perylene-d12	15.486	264	170888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	601459	111.215	ng	0.00
7) Phenol-d6	6.504	99	816337	113.469	ng	0.00
23) Nitrobenzene-d5	7.434	82	540105	76.140	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	194843	108.912	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	977321	79.797	ng	0.00
79) Terphenyl-d14	12.969	244	713395	74.558	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	105668	44.117	ng	98
3) Pyridine	3.457	79	285766	48.379	ng	99
4) n-Nitrosodimethylamine	3.428	42	204943	53.299	ng	95
6) Aniline	6.528	93	343690	51.003	ng	91
8) 2-Chlorophenol	6.651	128	323518	56.574	ng	97
9) Benzaldehyde	6.416	77	35250	9.154	ng	99
10) Phenol	6.522	94	424019	55.526	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	311969	54.260	ng	98
12) 1,3-Dichlorobenzene	6.804	146	333465	51.878	ng	96
13) 1,4-Dichlorobenzene	6.881	146	339017	51.938	ng	98
14) 1,2-Dichlorobenzene	7.034	146	324108	53.312	ng	97
15) Benzyl Alcohol	7.010	79	309683	57.357	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	595691	52.686	ng	98
17) 2-Methylphenol	7.122	107	260271	55.535	ng	97
18) Hexachloroethane	7.375	117	126527	52.728	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	245020	55.118	ng	95
20) 3+4-Methylphenols	7.275	107	324490	54.982	ng	# 88
22) Acetophenone	7.275	105	417396	49.345	ng	# 95
24) Nitrobenzene	7.451	77	371783	51.575	ng	98
25) Isophorone	7.692	82	681992	55.984	ng	97
26) 2-Nitrophenol	7.763	139	176790	57.220	ng	93
27) 2,4-Dimethylphenol	7.804	122	226533	59.656	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	398266	54.704	ng	99
29) 2,4-Dichlorophenol	8.010	162	273444	55.452	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	297250	51.745	ng	97
31) Naphthalene	8.169	128	952009	52.559	ng	99
32) Benzoic acid	7.940	122	158939	43.884	ng	93
33) 4-Chloroaniline	8.216	127	223100	35.104	ng	99
34) Hexachlorobutadiene	8.281	225	178847	50.559	ng	97
35) Caprolactam	8.598	113	54532	34.270	ng	94
36) 4-Chloro-3-methylphenol	8.704	107	303009	54.887	ng	98
37) 2-Methylnaphthalene	8.863	142	625813	53.688	ng	99
38) 1-Methylnaphthalene	8.963	142	577601	50.773	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	274150	51.387	ng	99
41) Hexachlorocyclopentadiene	9.010	237	257133	148.492	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	190267	55.910	ng	97

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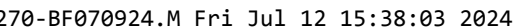
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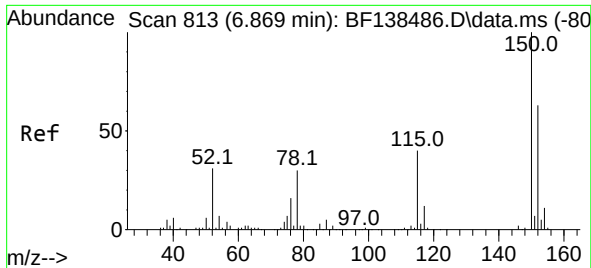
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	201214	53.758	ng	98
46) 1,1'-Biphenyl	9.328	154	742951	51.215	ng	100
47) 2-Chloronaphthalene	9.351	162	581822	53.090	ng	98
48) 2-Nitroaniline	9.451	65	206952	54.495	ng	97
49) Acenaphthylene	9.769	152	900991	57.907	ng	100
50) Dimethylphthalate	9.628	163	712888	57.595	ng	99
51) 2,6-Dinitrotoluene	9.692	165	153375	53.818	ng	94
52) Acenaphthene	9.939	154	551696	53.342	ng	98
53) 3-Nitroaniline	9.863	138	112765	38.606	ng	99
54) 2,4-Dinitrophenol	9.969	184	138522	89.950	ng	95
55) Dibenzofuran	10.110	168	804562	53.632	ng	98
56) 4-Nitrophenol	10.034	139	193683	89.866	ng	90
57) 2,4-Dinitrotoluene	10.098	165	192744	52.271	ng	89
58) Fluorene	10.451	166	619582	52.197	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	159229	53.903	ng	99
60) Diethylphthalate	10.328	149	681246	57.092	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	317129	53.205	ng	99
62) 4-Nitroaniline	10.475	138	136916	46.777	ng	99
63) Azobenzene	10.604	77	694382	54.126	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	100827	61.627	ng	92
66) n-Nitrosodiphenylamine	10.563	169	534803	62.997	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	183475	63.000	ng	96
68) Hexachlorobenzene	10.998	284	189202	58.480	ng	95
69) Atrazine	11.092	200	161561	57.401	ng	99
70) Pentachlorophenol	11.192	266	186908	97.631	ng	97
71) Phenanthrene	11.416	178	807710	56.424	ng	100
72) Anthracene	11.463	178	820311	57.728	ng	99
73) Carbazole	11.622	167	628245	49.197	ng	100
74) Di-n-butylphthalate	11.945	149	918228	62.381	ng	99
75) Fluoranthene	12.598	202	663604	45.431	ng	98
77) Benzidine	12.722	184	257181	65.394	ng	100
78) Pyrene	12.827	202	659512	41.678	ng	99
80) Butylbenzylphthalate	13.445	149	291577	61.254	ng	96
81) Benzo(a)anthracene	14.016	228	589928	56.401	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	166871	61.915	ng	# 99
83) Chrysene	14.051	228	570793	57.687	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	417978	82.332	ng	100
85) Di-n-octyl phthalate	14.610	149	769460	95.943	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	433704	37.784	ng	100
88) Benzo(b)fluoranthene	15.063	252	561274	58.321	ng	99
89) Benzo(k)fluoranthene	15.092	252	571835	60.924	ng	99
90) Benzo(a)pyrene	15.433	252	494515	58.493	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	357209	38.043	ng	98
92) Benzo(g,h,i)perylene	17.404	276	315816	31.719	ng	98

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

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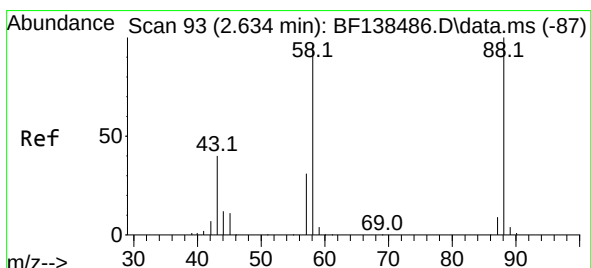
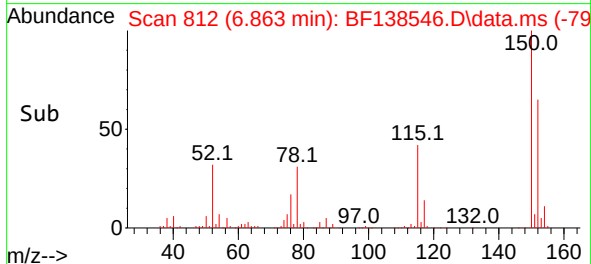
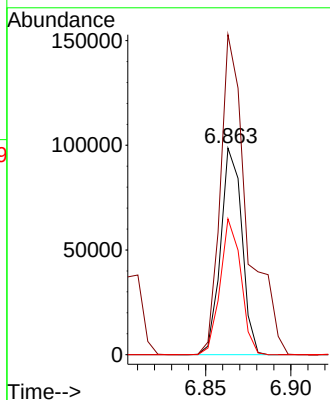
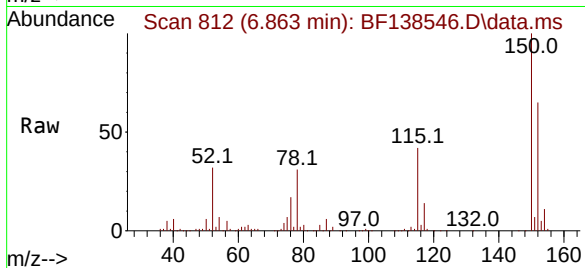




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

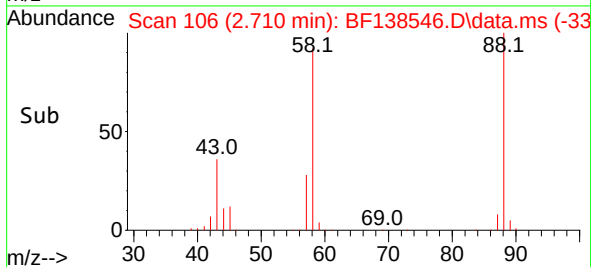
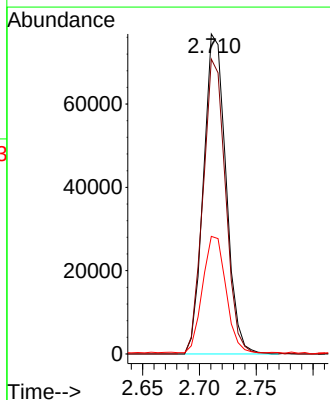
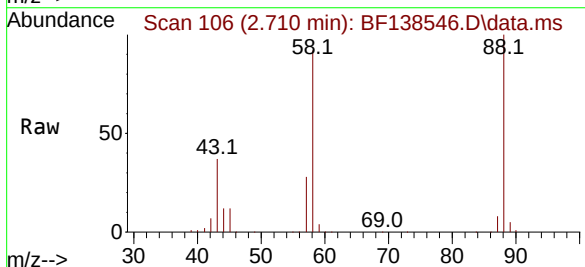
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

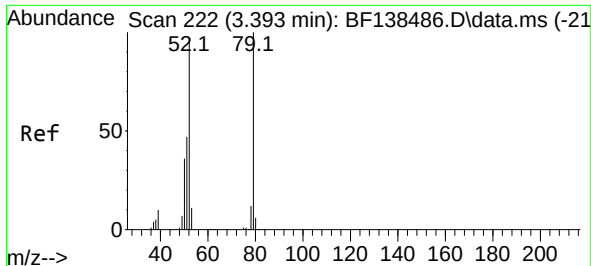
Tgt Ion:152 Resp: 85651
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.4
115 65.7 50.3 75.5



#2
1,4-Dioxane
Concen: 44.117 ng
RT: 2.710 min Scan# 106
Delta R.T. 0.077 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion: 88 Resp: 105668
Ion Ratio Lower Upper
88 100
58 92.3 74.6 112.0
43 37.6 31.8 47.6





#3

Pyridine

Concen: 48.379 ng

RT: 3.457 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF138546.D

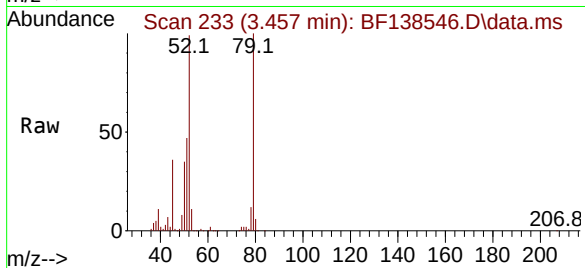
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Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MS



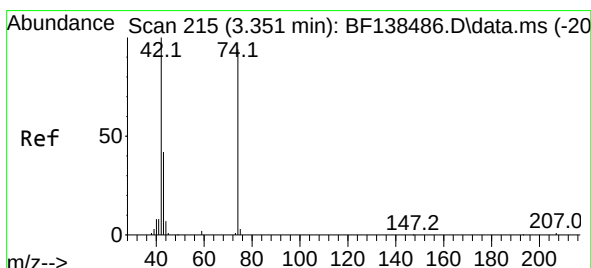
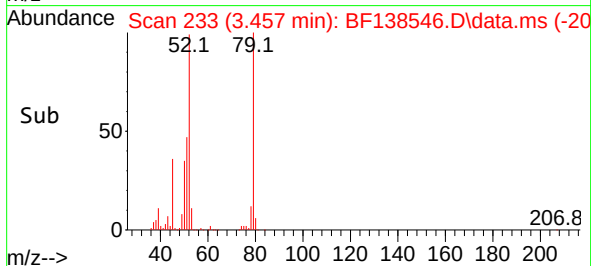
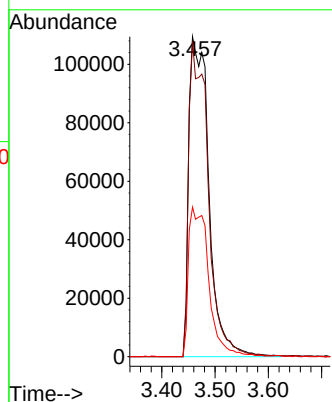
Tgt Ion: 79 Resp: 285766

Ion Ratio Lower Upper

79 100

52 98.6 77.4 116.2

51 46.8 37.4 56.0



#4

n-Nitrosodimethylamine

Concen: 53.299 ng

RT: 3.428 min Scan# 228

Delta R.T. 0.077 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

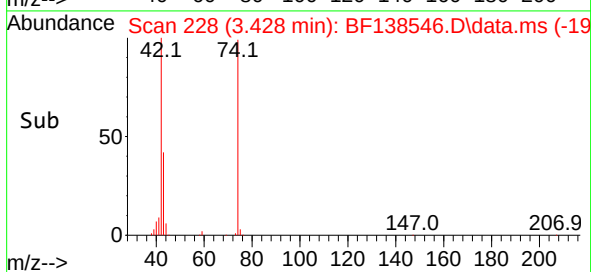
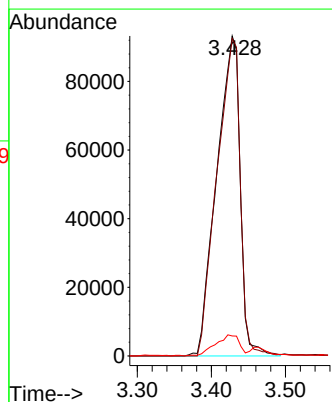
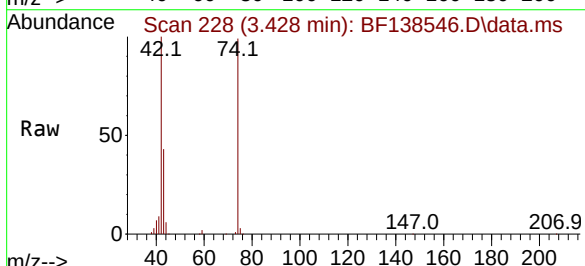
Tgt Ion: 42 Resp: 204943

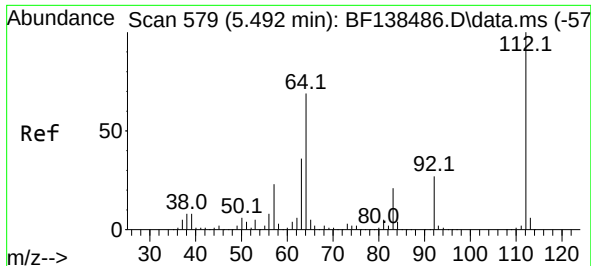
Ion Ratio Lower Upper

42 100

74 99.2 75.0 112.6

44 6.2 5.4 8.2

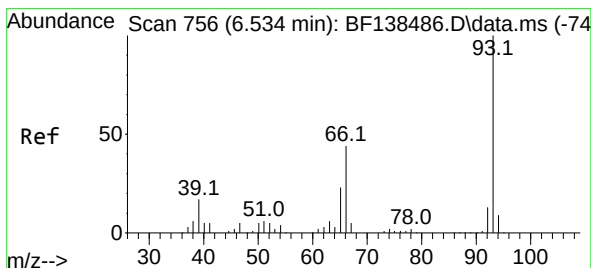
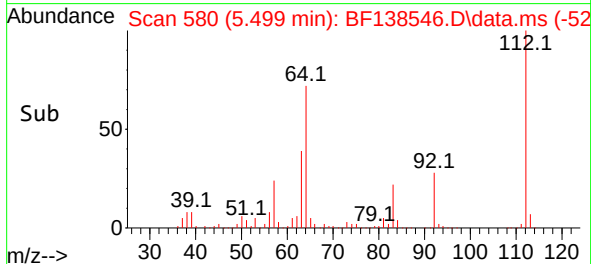
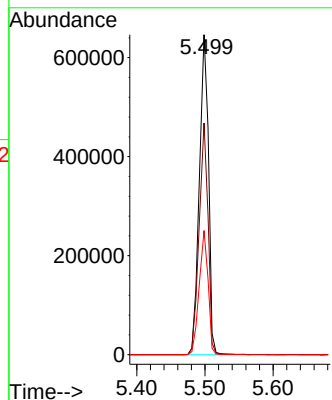
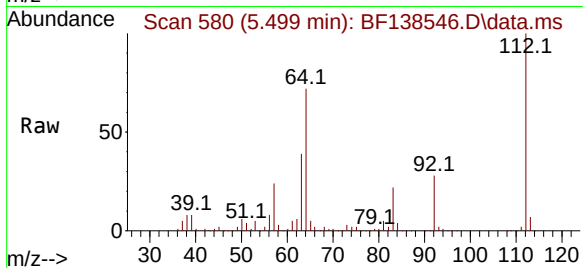




#5
2-Fluorophenol
Concen: 111.215 ng
RT: 5.499 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

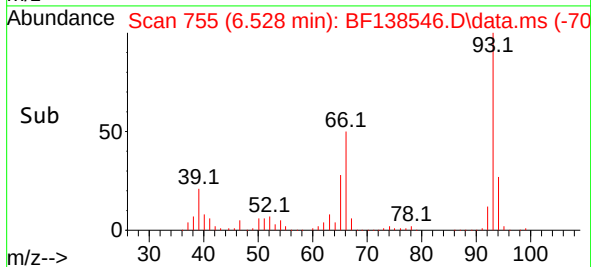
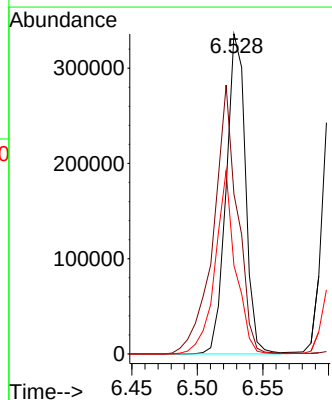
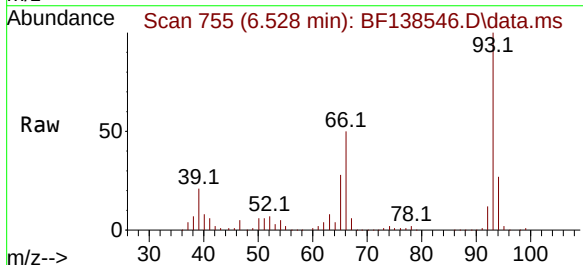
Instrument :
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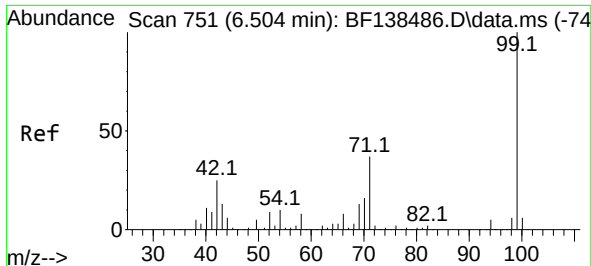
Tgt Ion:112 Resp: 601459
Ion Ratio Lower Upper
112 100
64 72.4 55.1 82.7
63 38.8 29.0 43.6



#6
Aniline
Concen: 51.003 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion: 93 Resp: 343690
Ion Ratio Lower Upper
93 100
66 50.0 35.4 53.0
65 27.6 18.6 27.8





#7

Phenol-d6

Concen: 113.469 ng

RT: 6.504 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MS

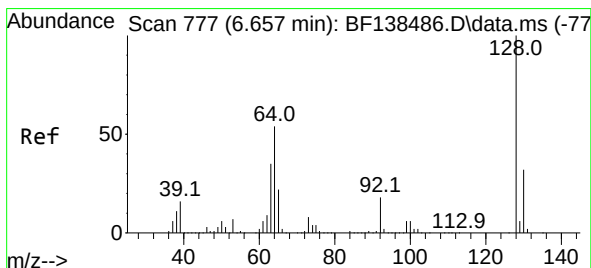
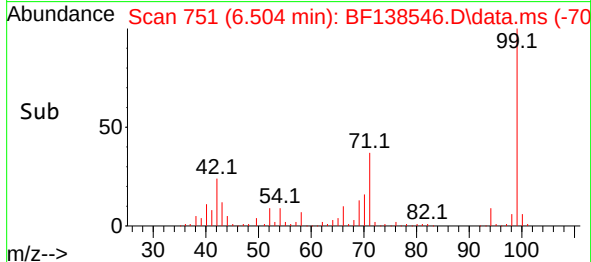
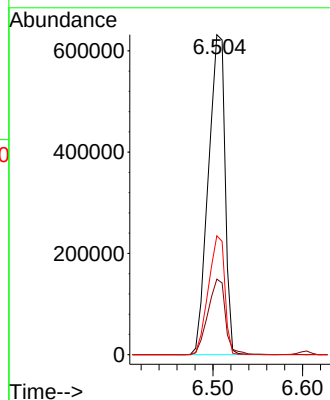
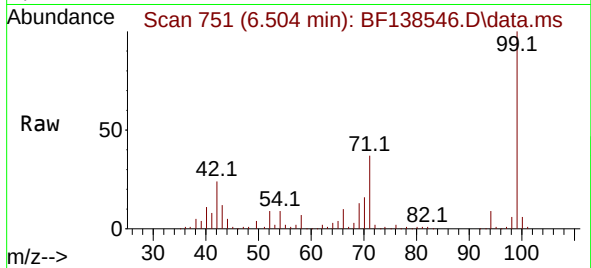
Tgt Ion: 99 Resp: 816337

Ion Ratio Lower Upper

99 100

42 23.6 19.7 29.5

71 37.1 29.9 44.9



#8

2-Chlorophenol

Concen: 56.574 ng

RT: 6.651 min Scan# 776

Delta R.T. -0.006 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

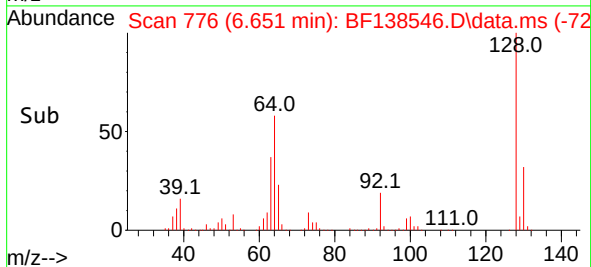
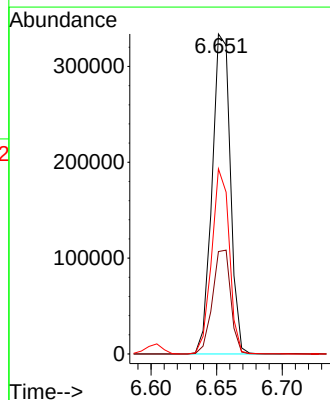
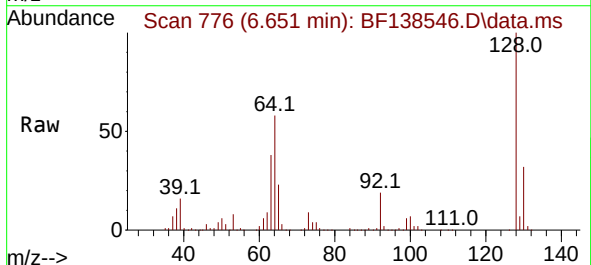
Tgt Ion:128 Resp: 323518

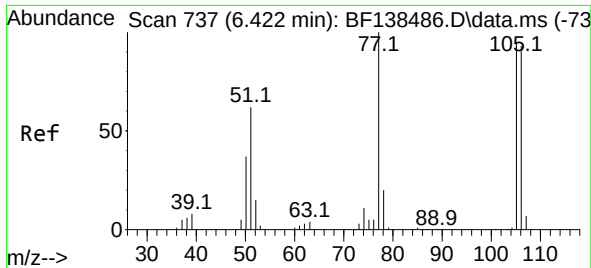
Ion Ratio Lower Upper

128 100

130 32.0 12.1 52.1

64 57.8 34.4 74.4





#9

Benzaldehyde

Concen: 9.154 ng

RT: 6.416 min Scan# 736

Delta R.T. -0.006 min

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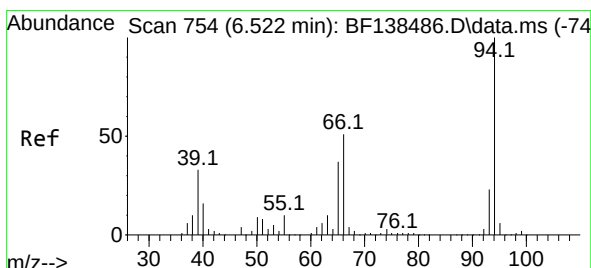
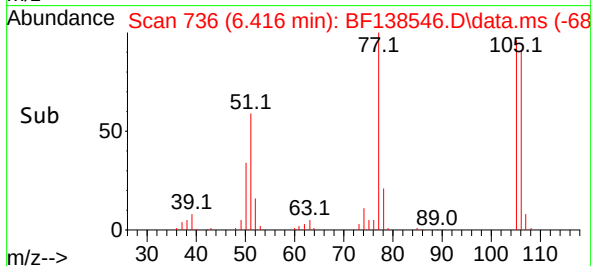
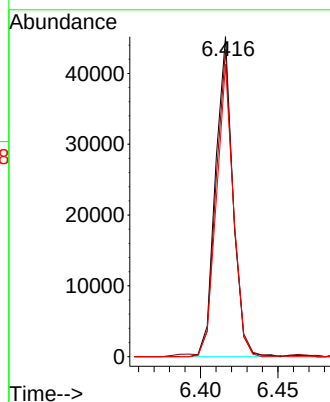
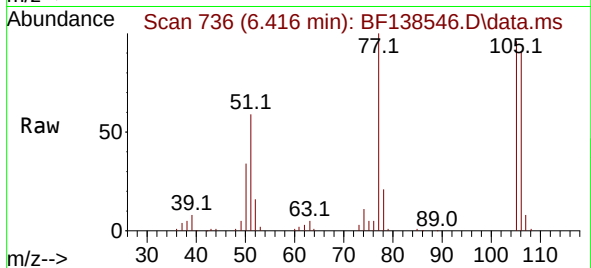
Tgt Ion: 77 Resp: 35250

Ion Ratio Lower Upper

77 100

105 96.0 75.1 115.1

106 91.4 73.2 113.2



#10

Phenol

Concen: 55.526 ng

RT: 6.522 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

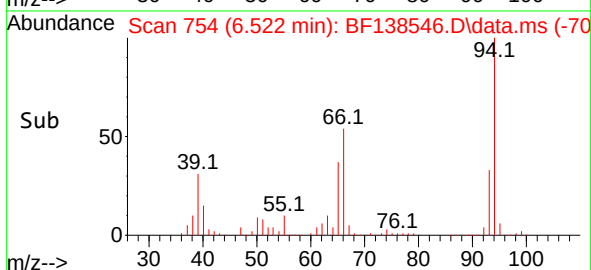
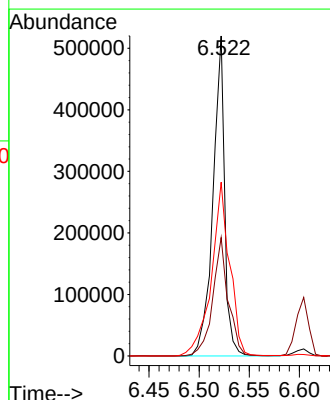
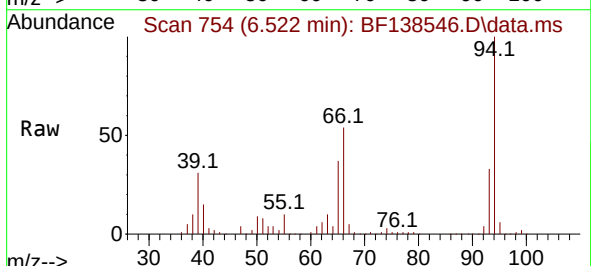
Tgt Ion: 94 Resp: 424019

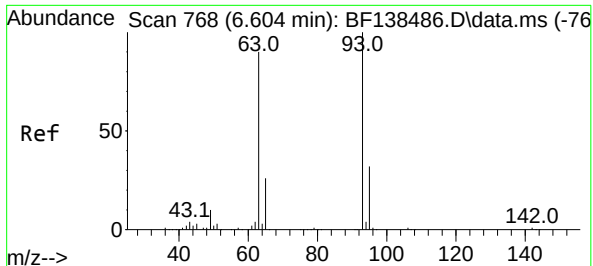
Ion Ratio Lower Upper

94 100

65 37.0 16.7 56.7

66 54.3 31.2 71.2

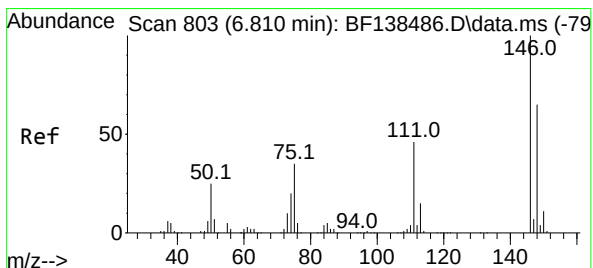
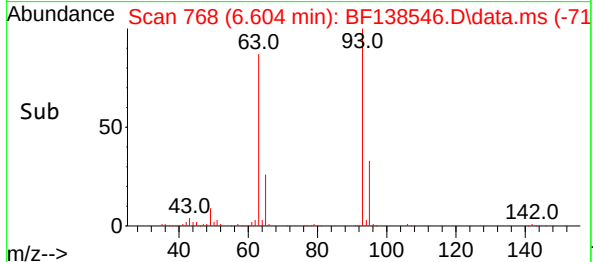
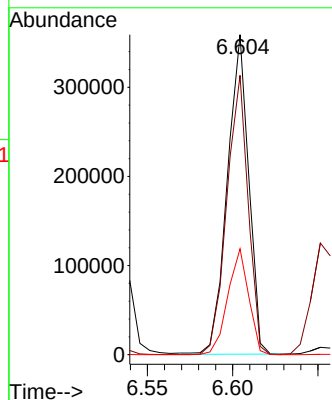
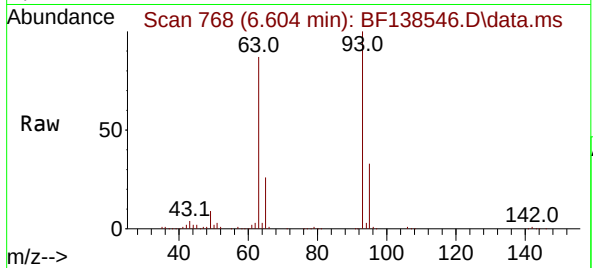




#11
bis(2-Chloroethyl)ether
Concen: 54.260 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

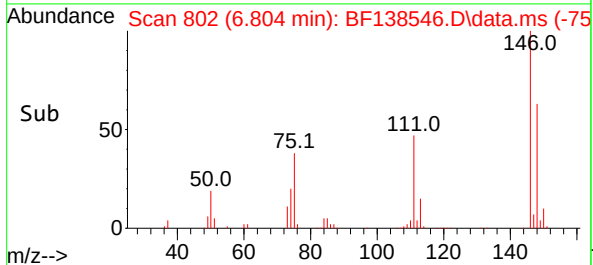
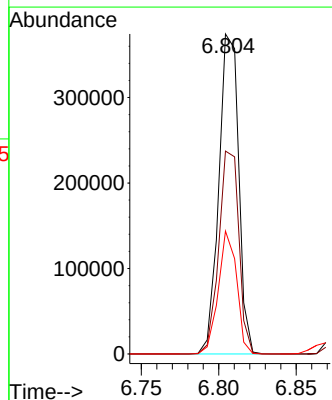
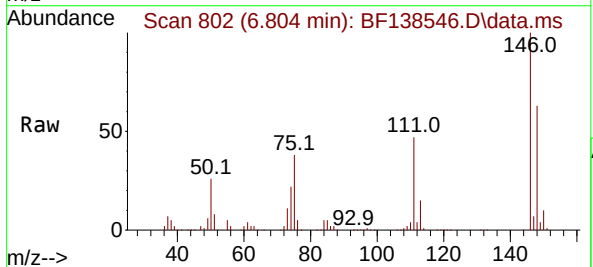
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

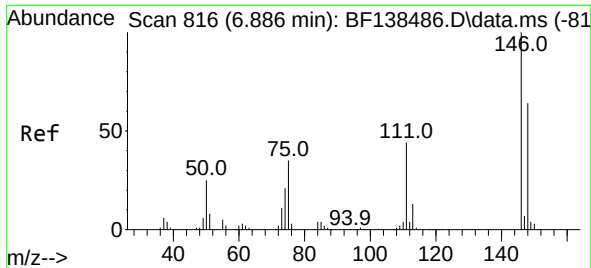
Tgt Ion:	93	Resp:	311969
Ion	Ratio	Lower	Upper
93	100		
63	87.3	68.8	108.8
95	33.1	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 51.878 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion:	146	Resp:	333465
Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.4	78.6
75	38.4	27.8	41.8

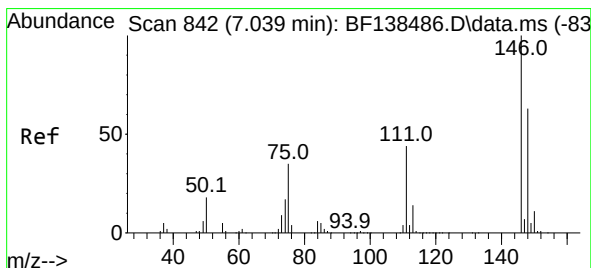
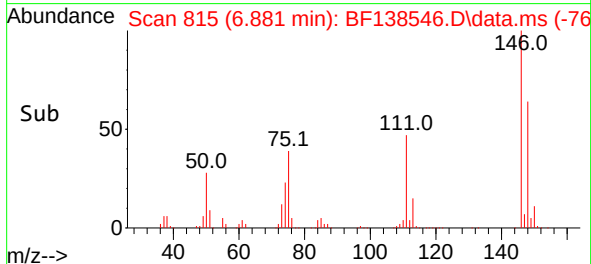
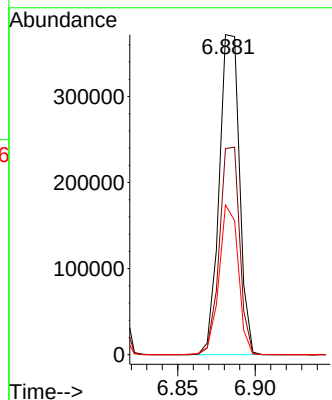
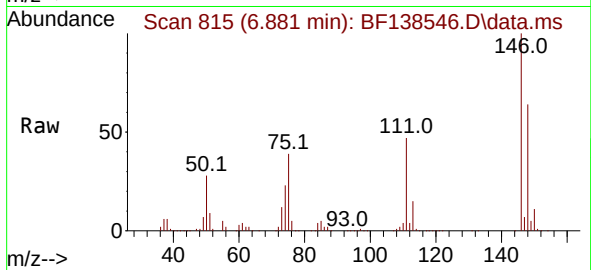




#13
1,4-Dichlorobenzene
Concen: 51.938 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

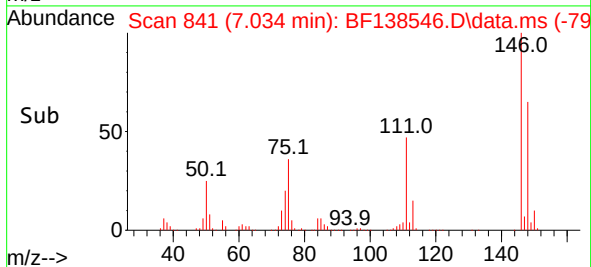
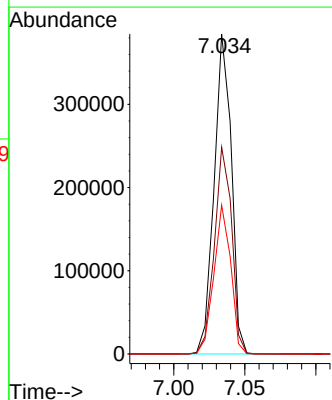
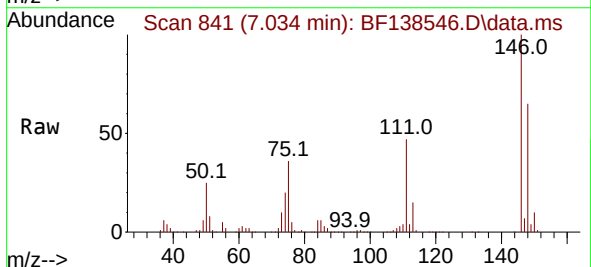
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

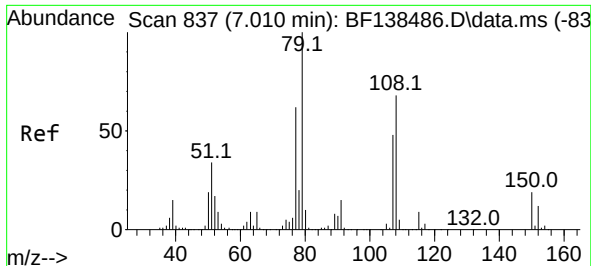
Tgt Ion:146 Resp: 339017
Ion Ratio Lower Upper
146 100
148 64.4 51.6 77.4
111 46.8 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 53.312 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion:146 Resp: 324108
Ion Ratio Lower Upper
146 100
148 64.6 50.1 75.1
111 46.5 35.5 53.3

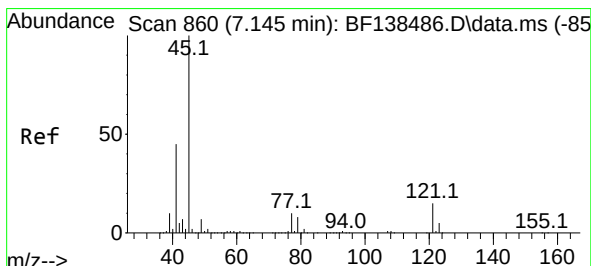
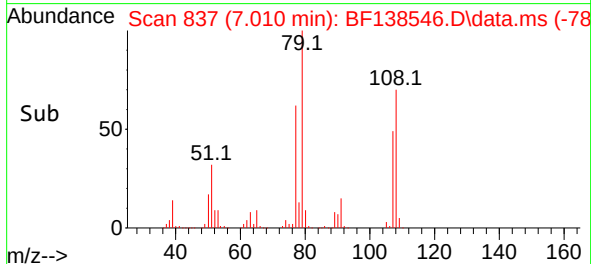
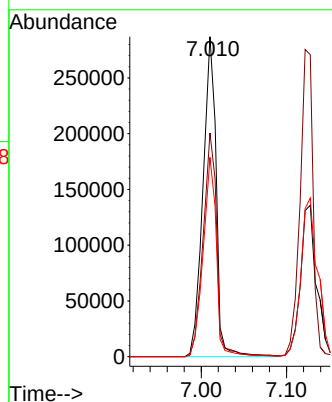
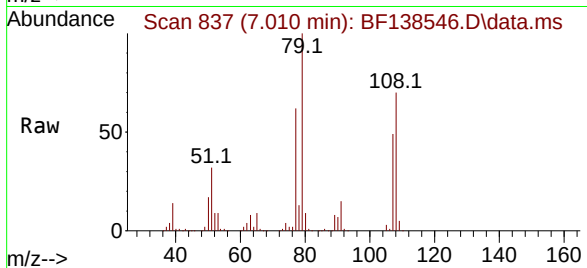




#15
Benzyl Alcohol
Concen: 57.357 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

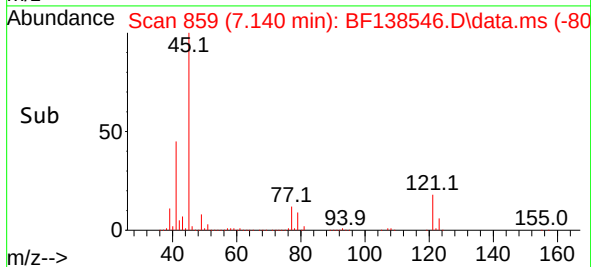
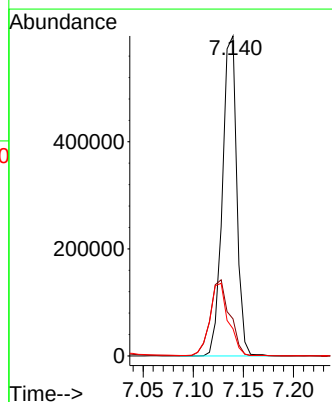
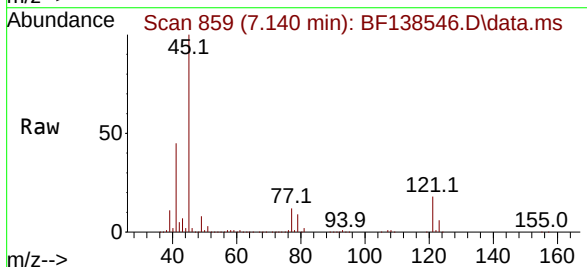
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

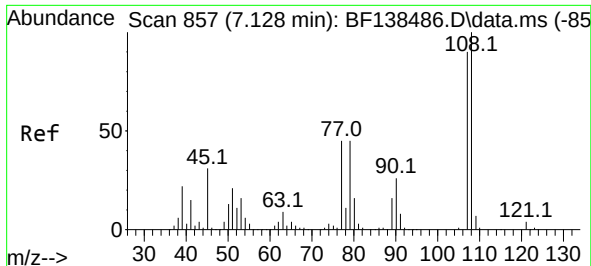
Tgt Ion: 79 Resp: 309683
Ion Ratio Lower Upper
79 100
108 69.9 54.3 81.5
77 62.3 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.686 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion: 45 Resp: 595691
Ion Ratio Lower Upper
45 100
77 11.6 0.0 30.4
79 8.5 0.0 28.1





#17

2-Methylphenol

Concen: 55.535 ng

RT: 7.122 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MS

Tgt Ion:107 Resp: 260271

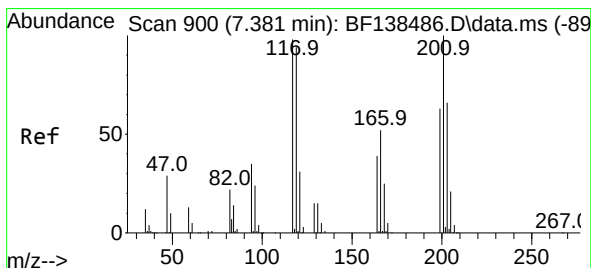
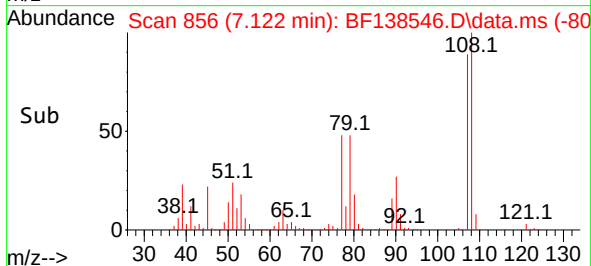
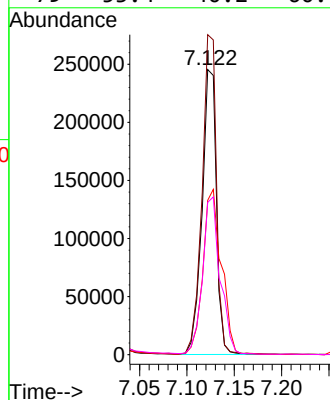
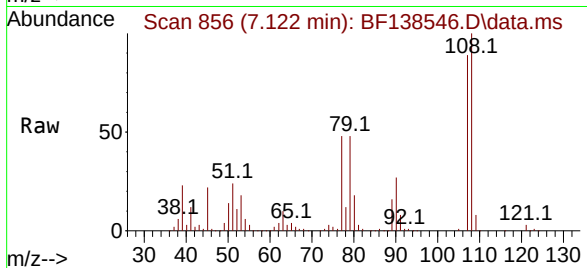
Ion Ratio Lower Upper

107 100

108 112.2 89.0 133.4

77 54.1 40.3 60.5

79 53.4 40.2 60.4



#18

Hexachloroethane

Concen: 52.728 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

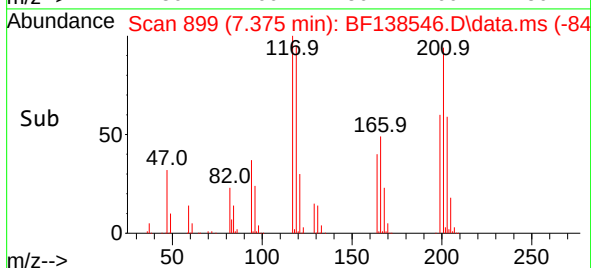
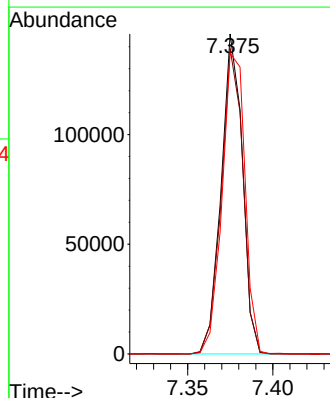
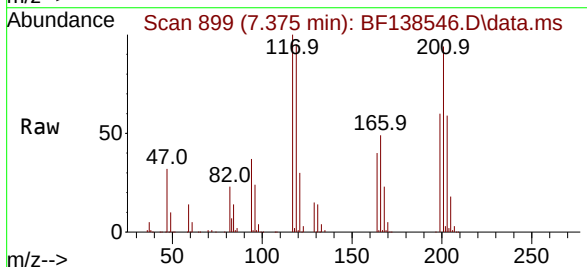
Tgt Ion:117 Resp: 126527

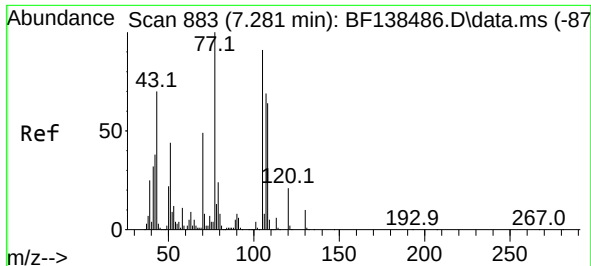
Ion Ratio Lower Upper

117 100

119 95.4 76.6 114.8

201 93.9 81.4 122.0

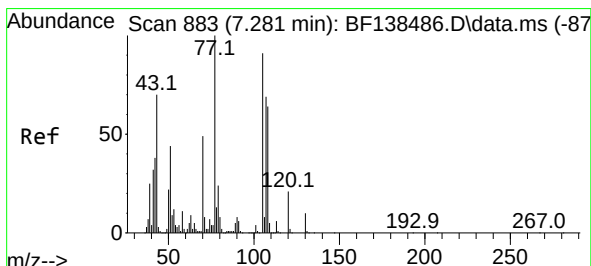
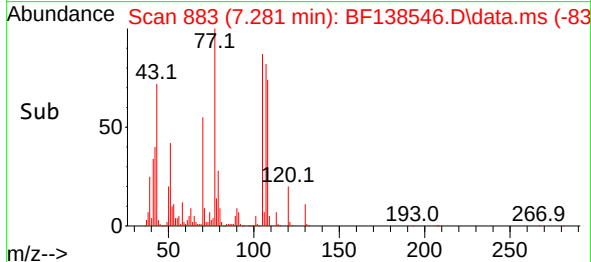
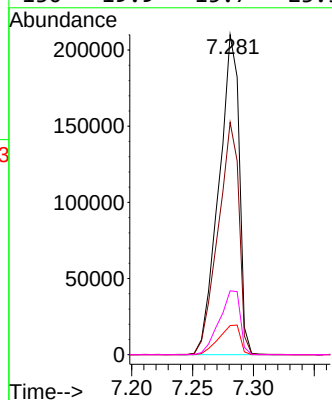
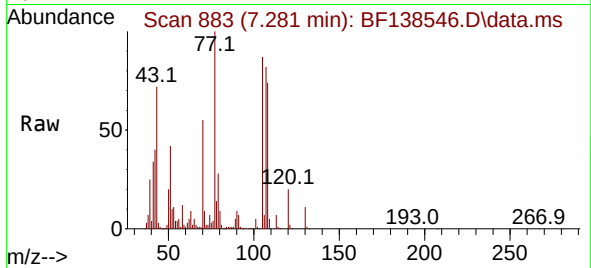




#19
n-Nitroso-di-n-propylamine
Concen: 55.118 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

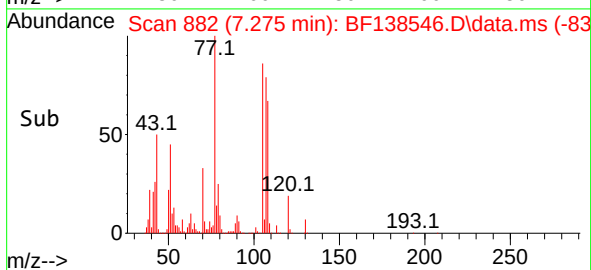
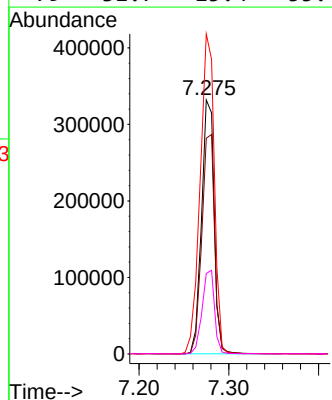
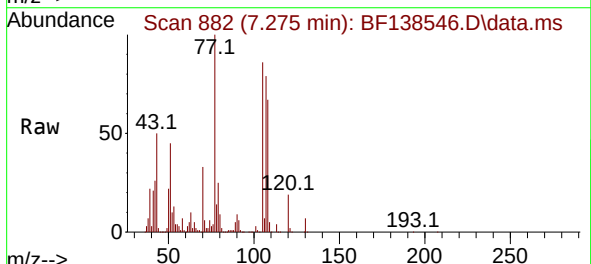
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

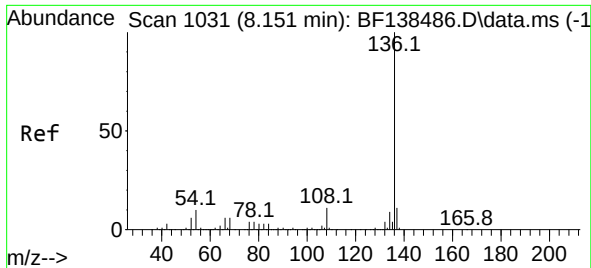
Tgt Ion: 70 Resp: 245020
Ion Ratio Lower Upper
70 100
42 72.6 62.4 93.6
101 9.1 7.2 10.8
130 19.9 15.7 23.5



#20
3+4-Methylphenols
Concen: 54.982 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion: 107 Resp: 324490
Ion Ratio Lower Upper
107 100
108 84.9 73.7 113.7
77 125.9 126.0 166.0#
79 31.7 15.4 55.4

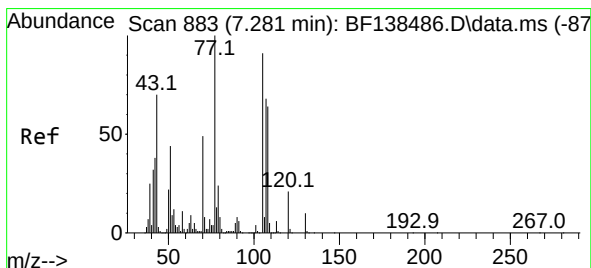
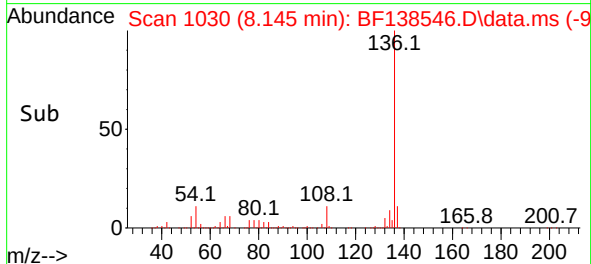
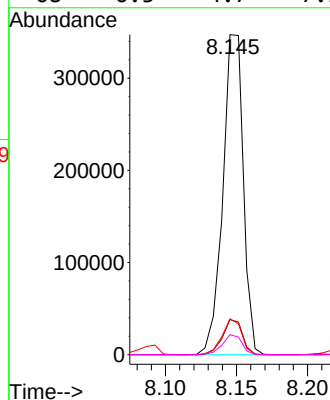
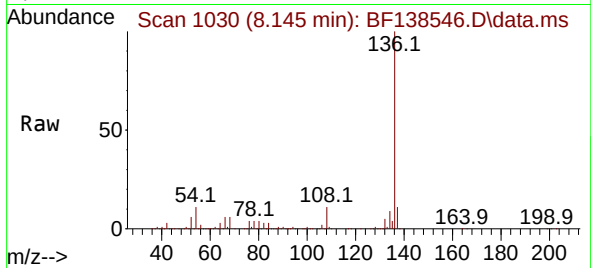




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

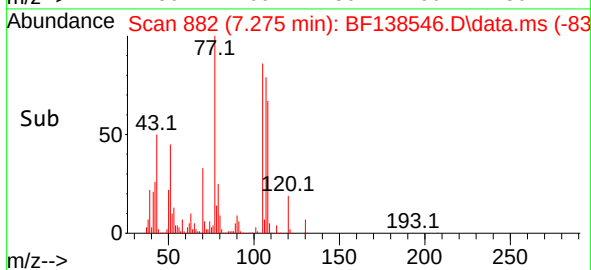
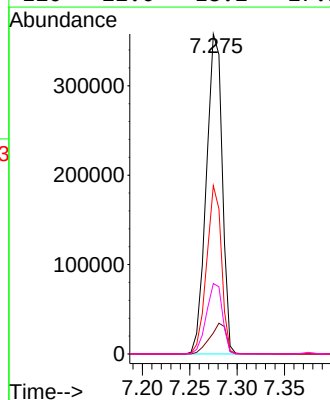
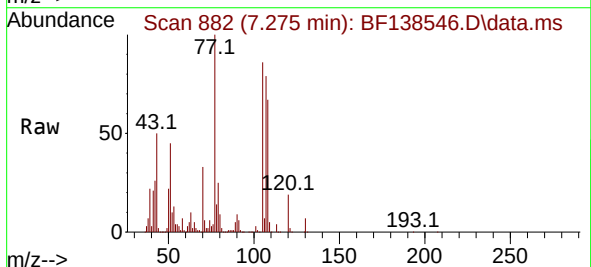
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

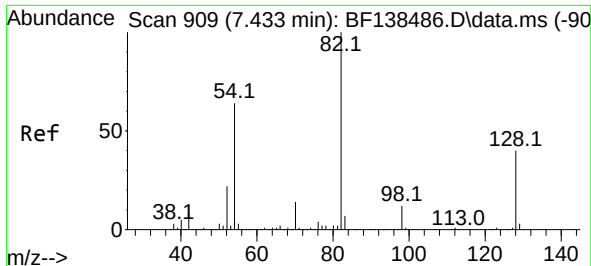
Tgt Ion:	136	Resp:	348278
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	11.2	8.1	12.1
68	6.3	4.7	7.1



#22
Acetophenone
Concen: 49.345 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion:	105	Resp:	417396
Ion Ratio	Lower	Upper	
105	100		
71	6.6	7.4	11.2#
51	52.6	38.7	58.1
120	22.0	18.2	27.2





#23

Nitrobenzene-d5

Concen: 76.140 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MS

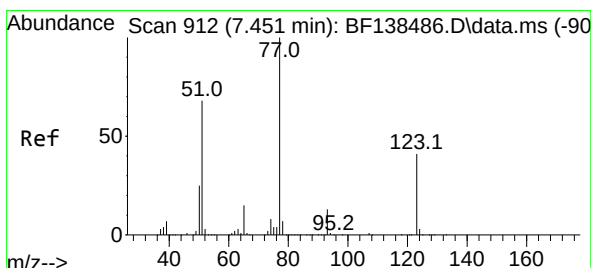
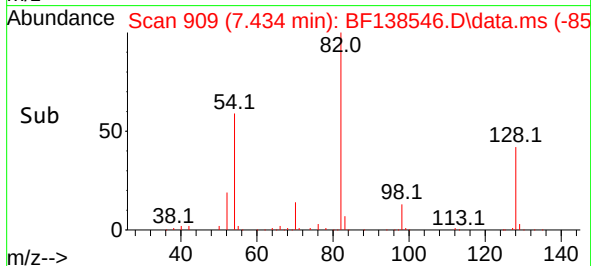
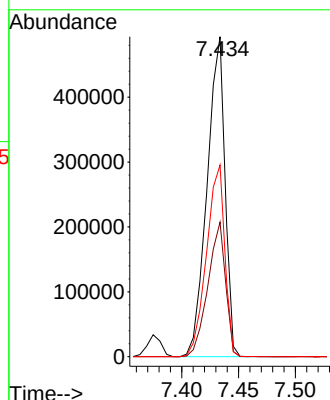
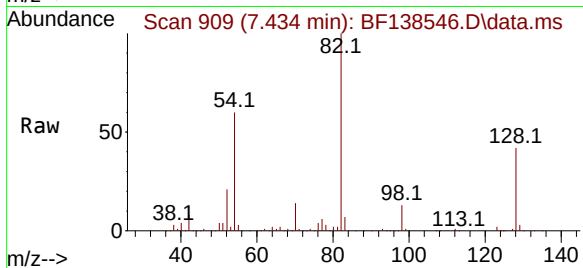
Tgt Ion: 82 Resp: 540105

Ion Ratio Lower Upper

82 100

128 42.1 32.3 48.5

54 59.9 51.4 77.0



#24

Nitrobenzene

Concen: 51.575 ng

RT: 7.451 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

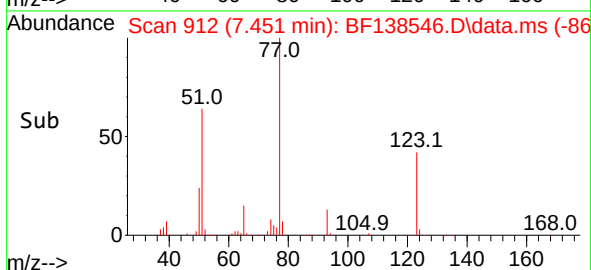
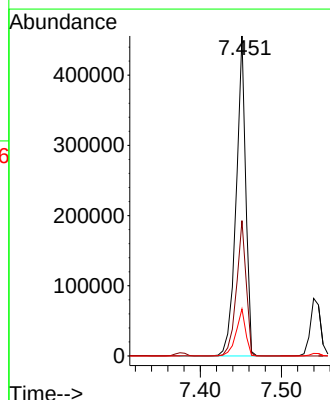
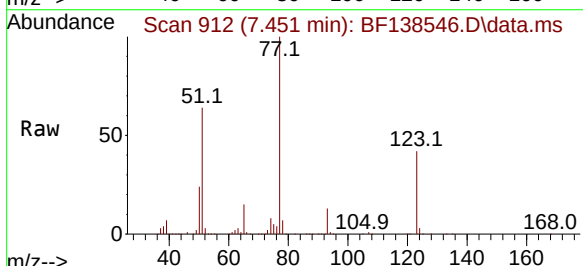
Tgt Ion: 77 Resp: 371783

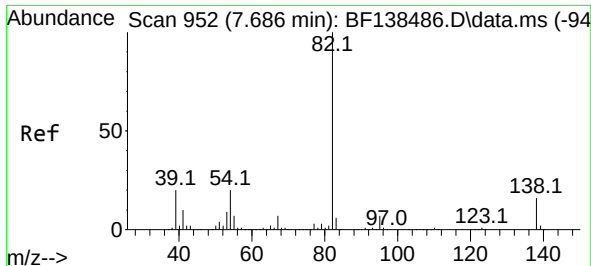
Ion Ratio Lower Upper

77 100

123 42.3 32.4 48.6

65 14.7 11.8 17.8

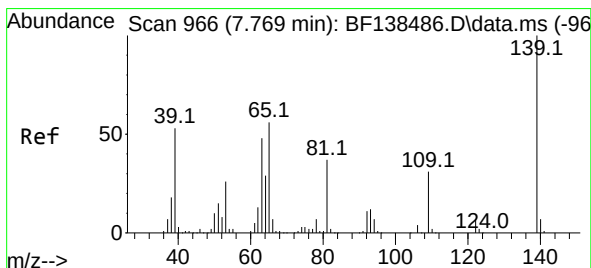
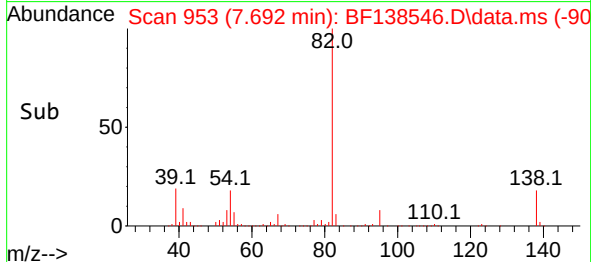
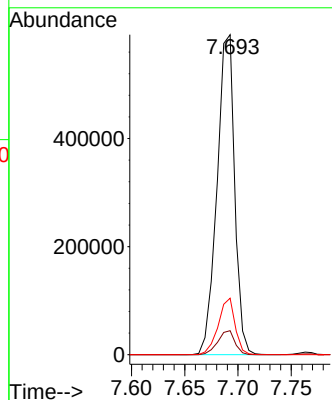
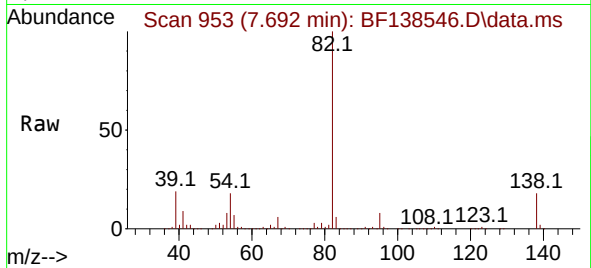




#25
Isophorone
Concen: 55.984 ng
RT: 7.692 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

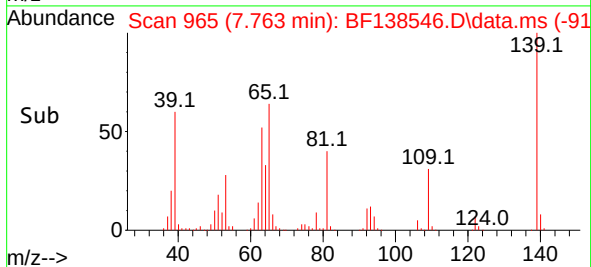
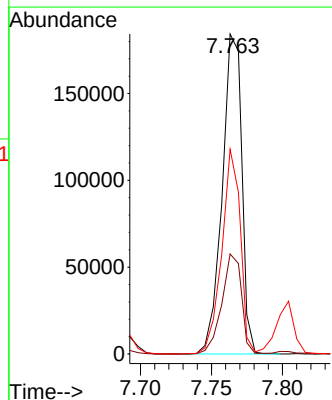
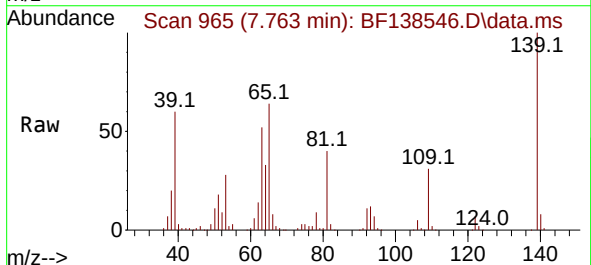
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

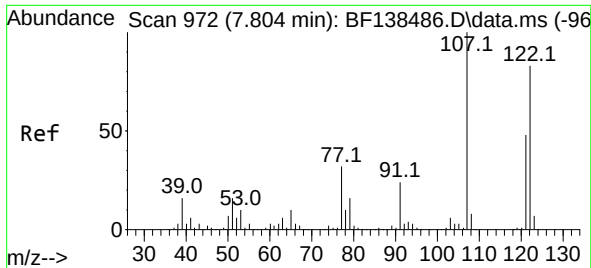
Tgt Ion: 82 Resp: 681992
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 17.7 12.8 19.2



#26
2-Nitrophenol
Concen: 57.220 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion:139 Resp: 176790
Ion Ratio Lower Upper
139 100
109 31.3 24.8 37.2
65 63.9 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 59.656 ng

RT: 7.804 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MS

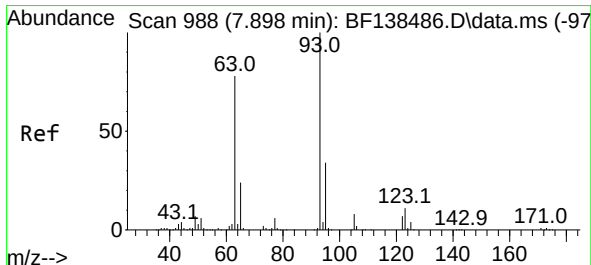
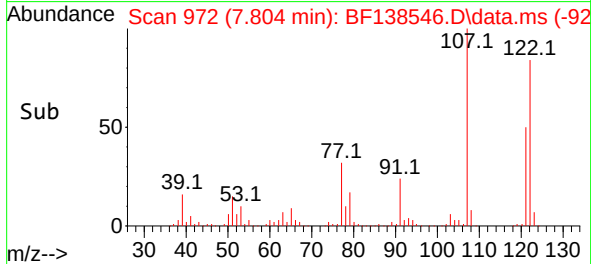
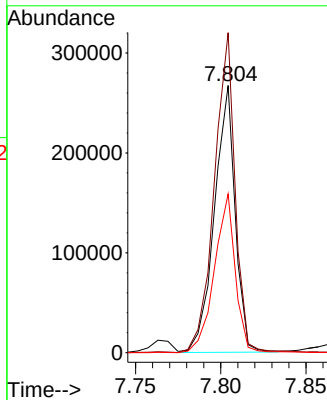
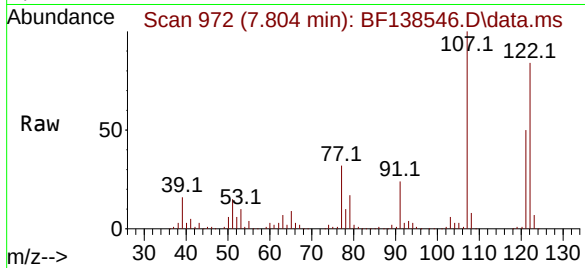
Tgt Ion:122 Resp: 226533

Ion Ratio Lower Upper

122 100

107 119.7 96.3 144.5

121 59.4 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 54.704 ng

RT: 7.898 min Scan# 988

Delta R.T. 0.000 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

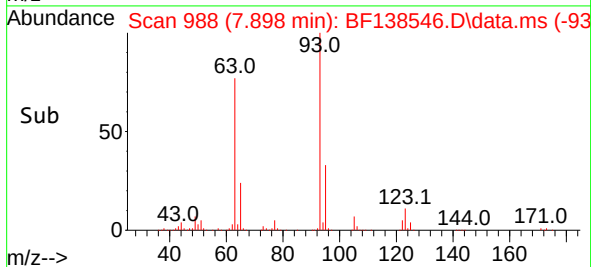
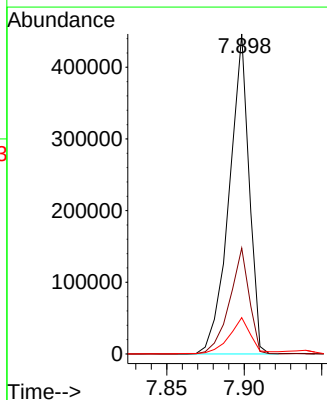
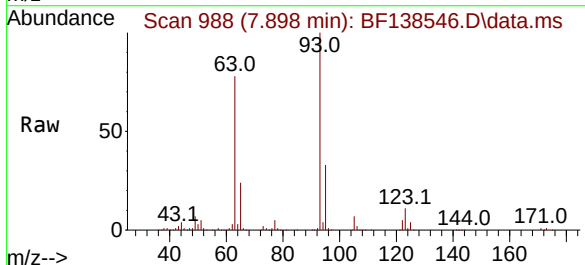
Tgt Ion: 93 Resp: 398266

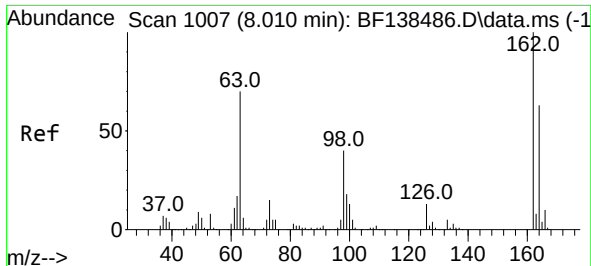
Ion Ratio Lower Upper

93 100

95 33.1 27.0 40.6

123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 55.452 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF138546.D

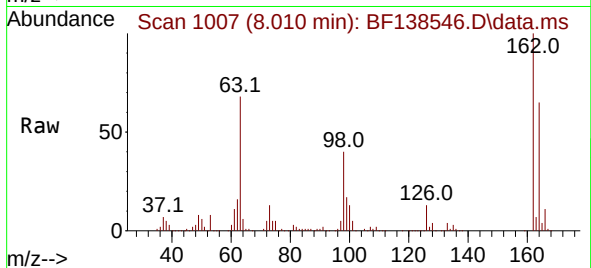
Acq: 12 Jul 2024 15:03

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MS



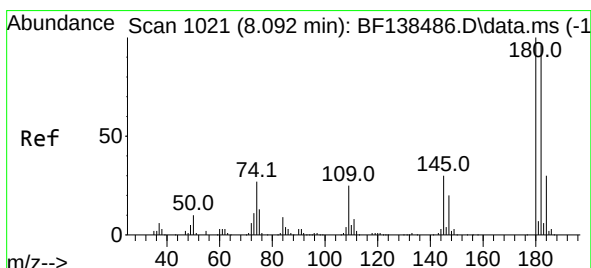
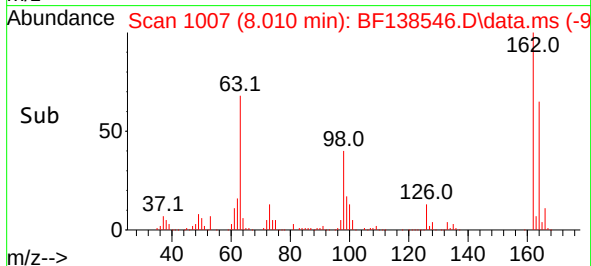
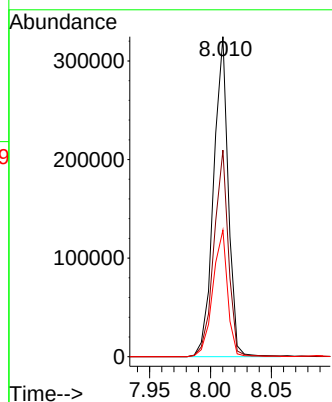
Tgt Ion:162 Resp: 273444

Ion Ratio Lower Upper

162 100

164 64.6 42.6 82.6

98 39.5 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 51.745 ng

RT: 8.087 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

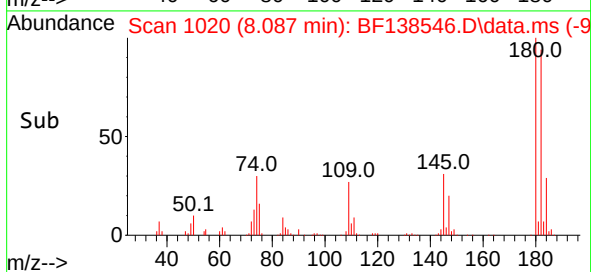
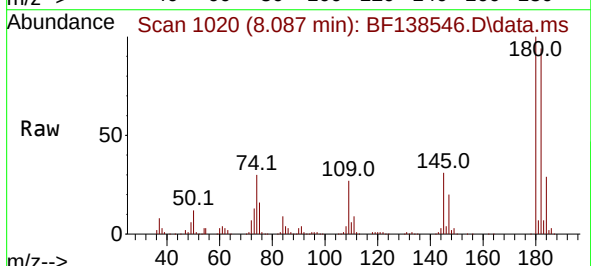
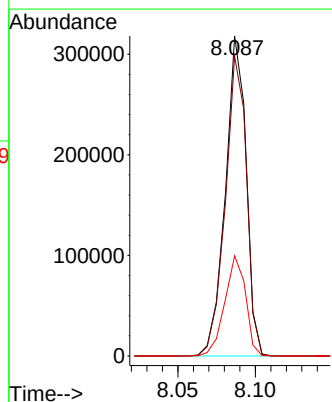
Tgt Ion:180 Resp: 297250

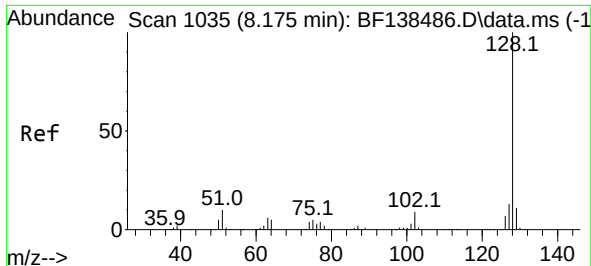
Ion Ratio Lower Upper

180 100

182 93.7 76.9 115.3

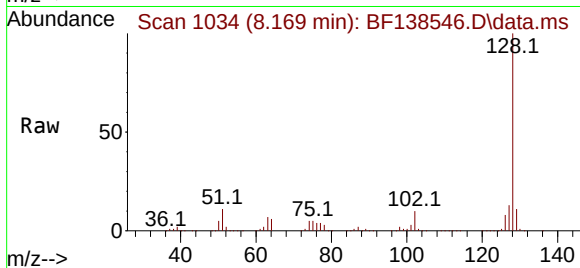
145 31.3 23.9 35.9



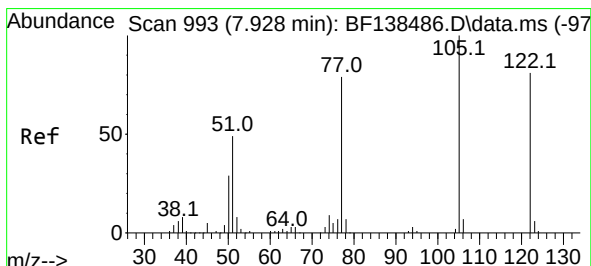
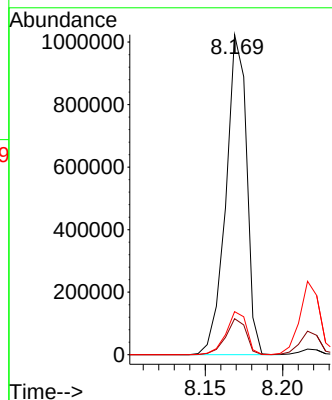
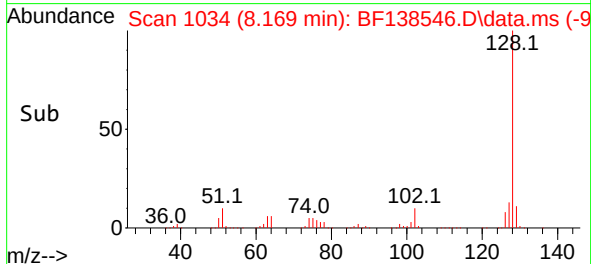


#31
Naphthalene
Concen: 52.559 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

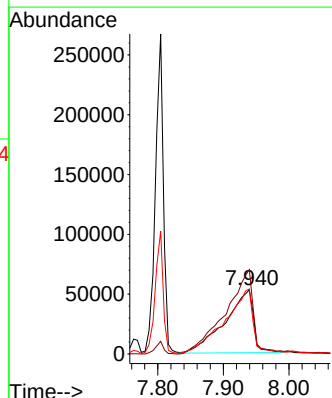
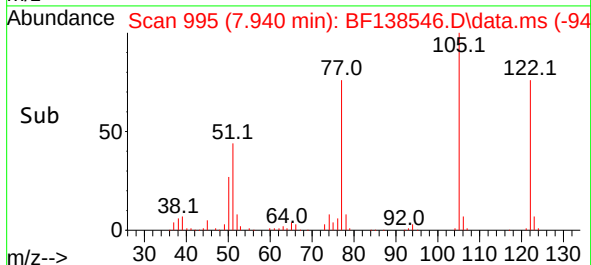
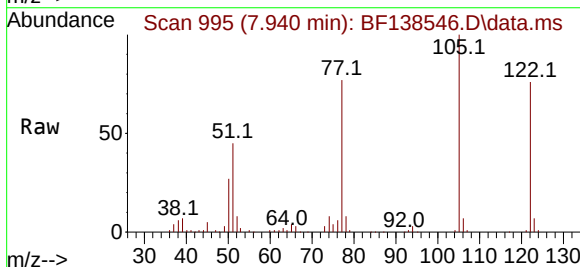


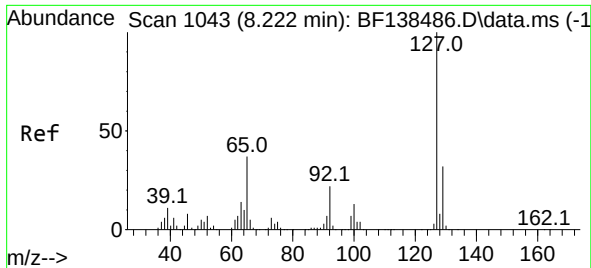
Tgt Ion:128 Resp: 952009
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 43.884 ng
RT: 7.940 min Scan# 995
Delta R.T. 0.012 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion:122 Resp: 158939
Ion Ratio Lower Upper
122 100
105 131.8 101.5 141.5
77 101.5 77.3 117.3

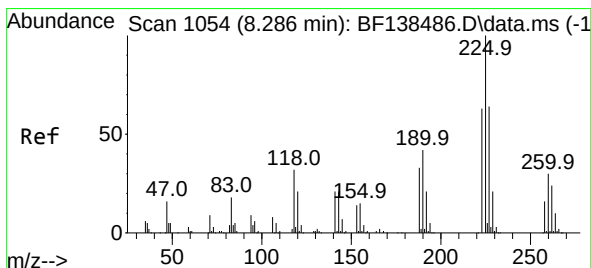
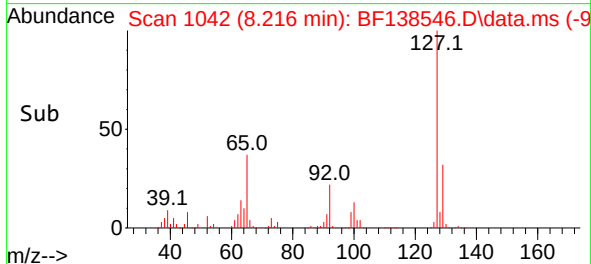
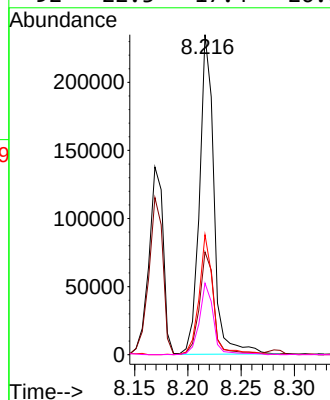
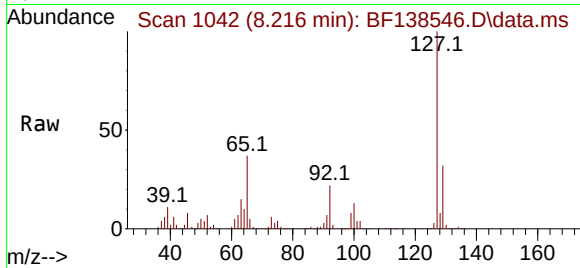




#33
4-Chloroaniline
Concen: 35.104 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

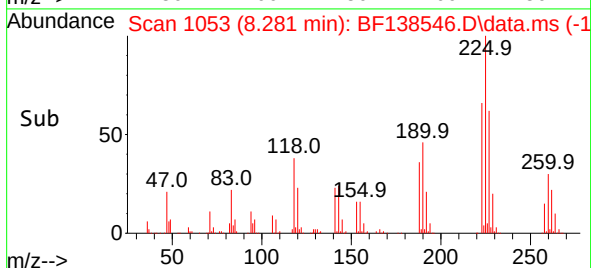
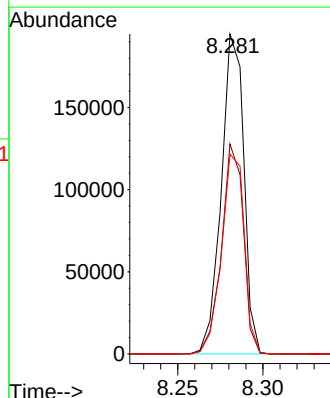
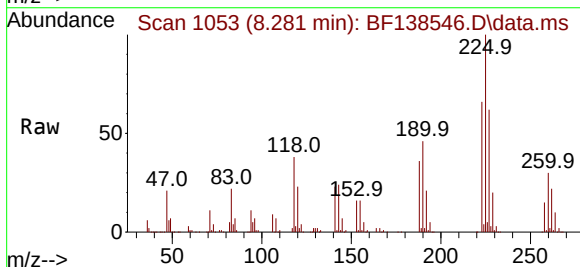
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

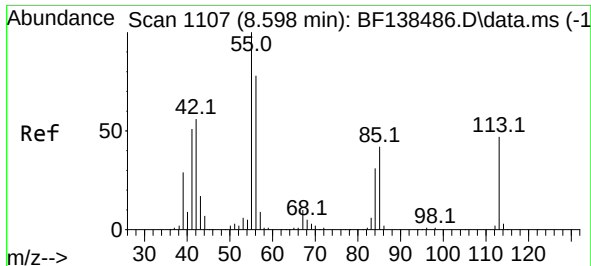
Tgt Ion:	127	Resp:	223100
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.6	38.4
65	37.5	29.6	44.4
92	22.3	17.4	26.0



#34
Hexachlorobutadiene
Concen: 50.559 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion:	225	Resp:	178847
Ion	Ratio	Lower	Upper
225	100		
223	65.6	50.0	75.0
227	62.5	51.0	76.6

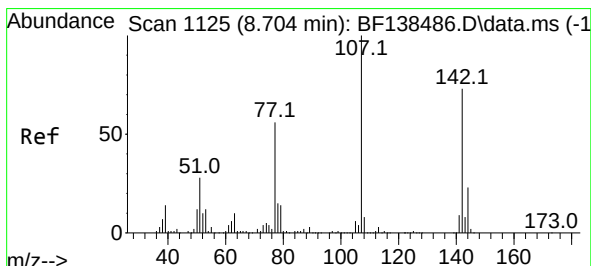
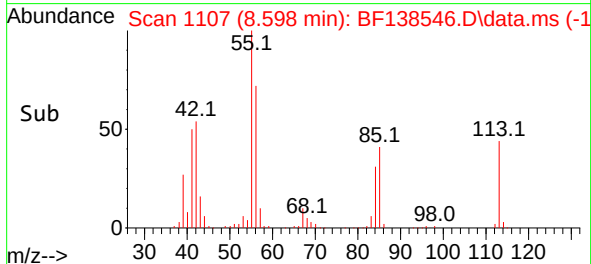
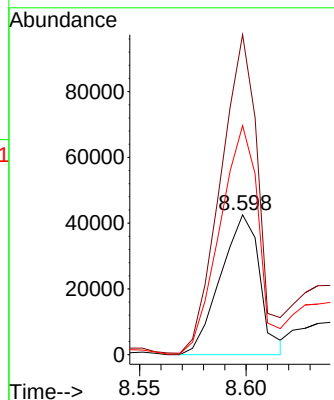
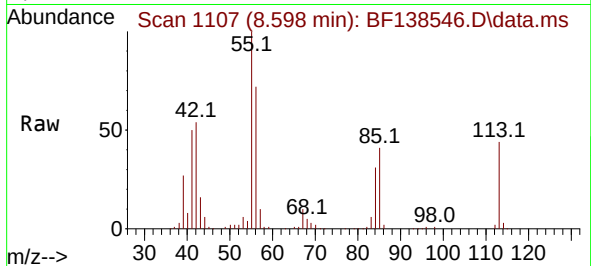




#35
 Caprolactam
 Concen: 34.270 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: BF138546.D
 Acq: 12 Jul 2024 15:03

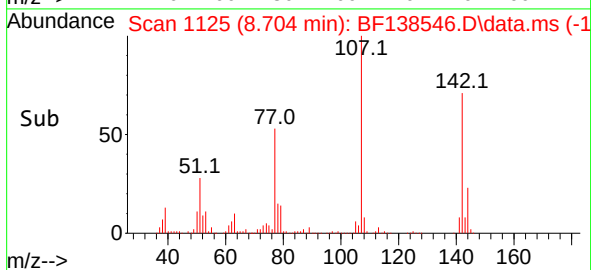
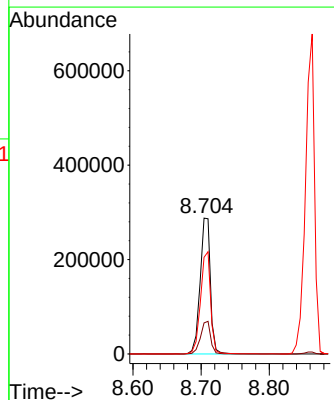
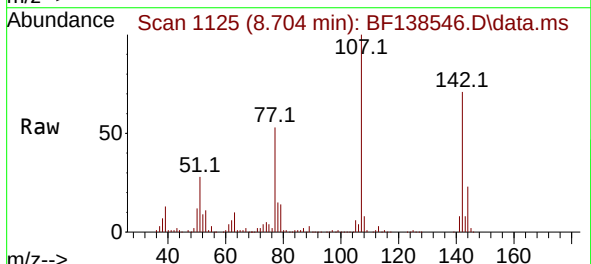
Instrument :
 BNA_F
 ClientSampleId :
 FILL-MATERIAL-1MS

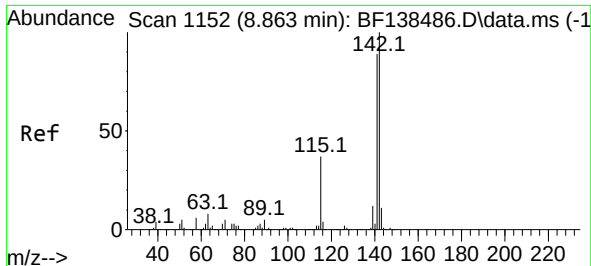
Tgt Ion:113 Resp: 54532
 Ion Ratio Lower Upper
 113 100
 55 228.9 192.5 232.5
 56 164.0 145.3 185.3



#36
 4-Chloro-3-methylphenol
 Concen: 54.887 ng
 RT: 8.704 min Scan# 1125
 Delta R.T. 0.000 min
 Lab File: BF138546.D
 Acq: 12 Jul 2024 15:03

Tgt Ion:107 Resp: 303009
 Ion Ratio Lower Upper
 107 100
 144 22.9 18.6 27.8
 142 71.1 58.6 88.0





#37

2-Methylnaphthalene

Concen: 53.688 ng

RT: 8.863 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

Instrument :

BNA_F

ClientSampleId :

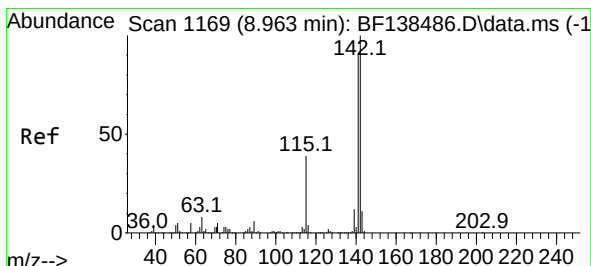
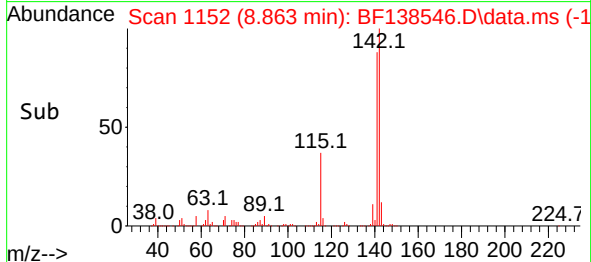
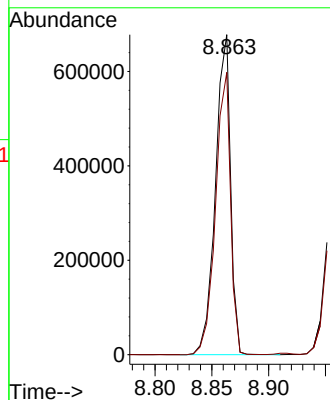
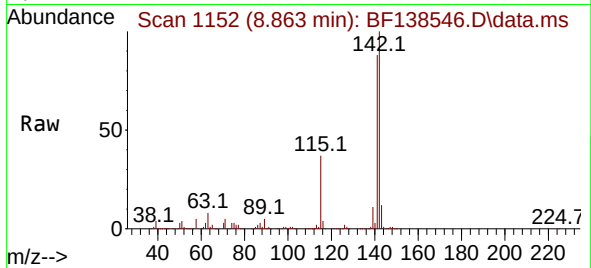
FILL-MATERIAL-1MS

Tgt Ion:142 Resp: 625813

Ion Ratio Lower Upper

142 100

141 88.2 71.4 107.0



#38

1-Methylnaphthalene

Concen: 50.773 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF138546.D

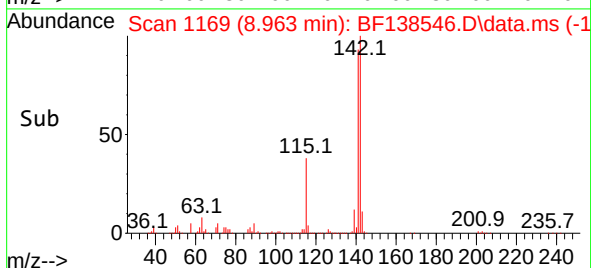
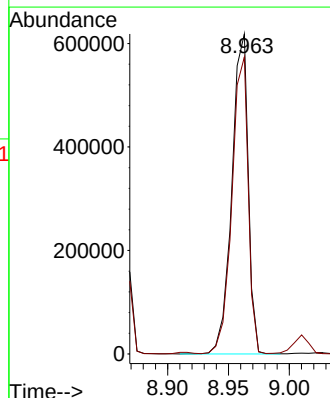
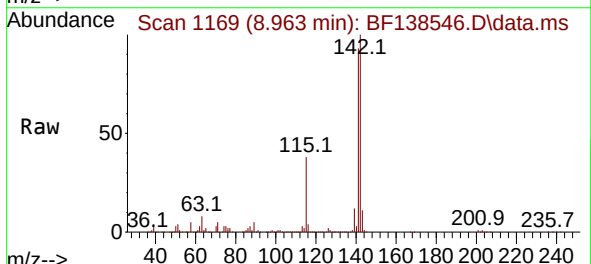
Acq: 12 Jul 2024 15:03

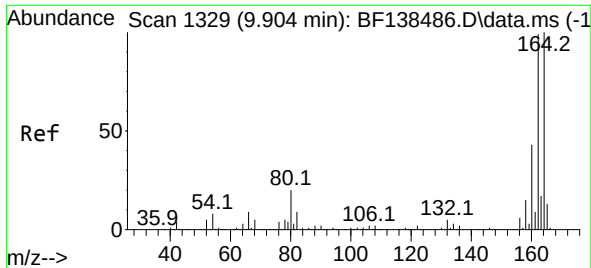
Tgt Ion:142 Resp: 577601

Ion Ratio Lower Upper

142 100

141 92.8 72.6 108.8

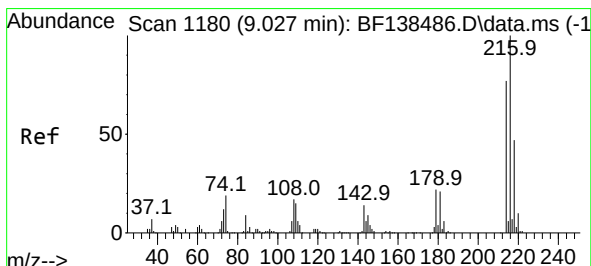
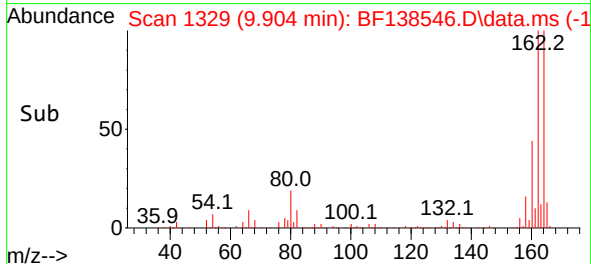
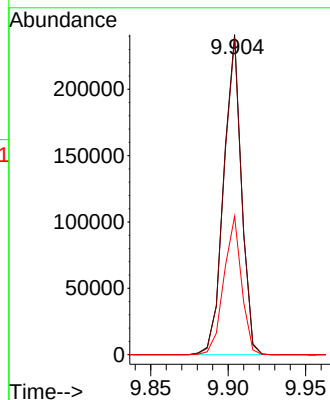
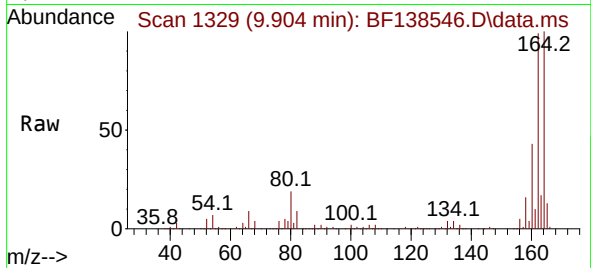




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

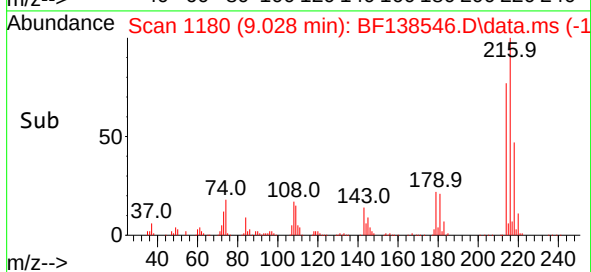
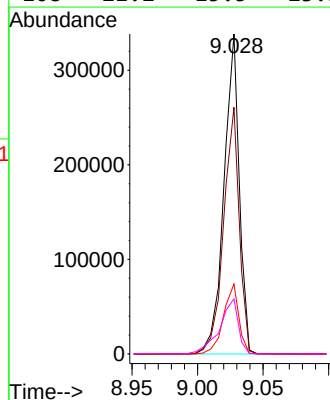
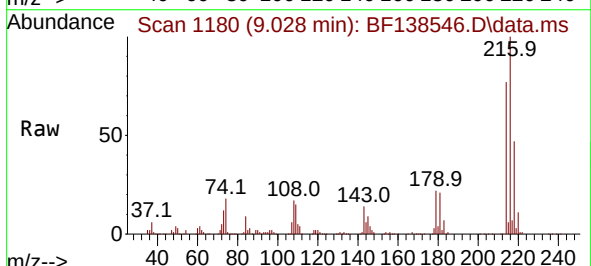
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

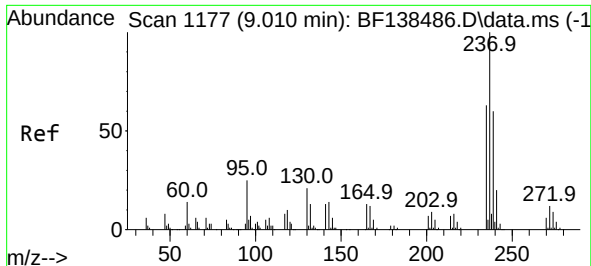
Tgt Ion:164 Resp: 191419
Ion Ratio Lower Upper
164 100
162 99.0 79.0 118.6
160 43.2 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.387 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion:216 Resp: 274150
Ion Ratio Lower Upper
216 100
214 78.8 62.8 94.2
179 21.9 17.7 26.5
108 21.2 15.5 23.3

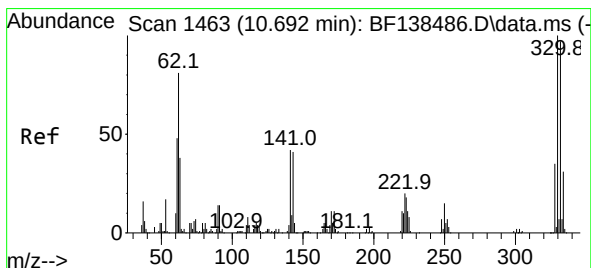
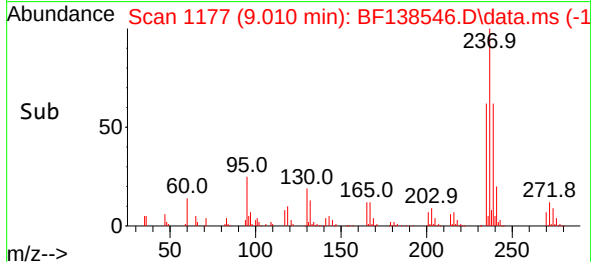
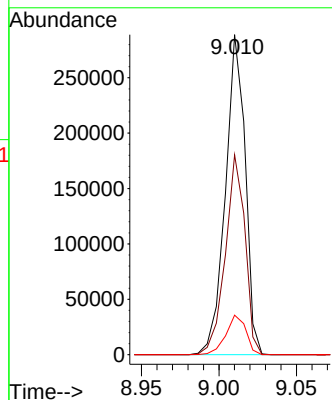
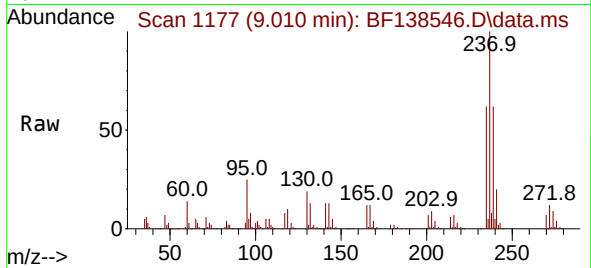




#41
Hexachlorocyclopentadiene
Concen: 148.492 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

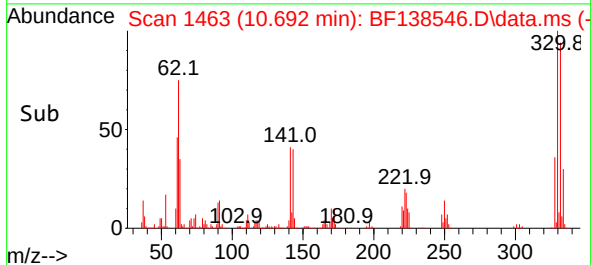
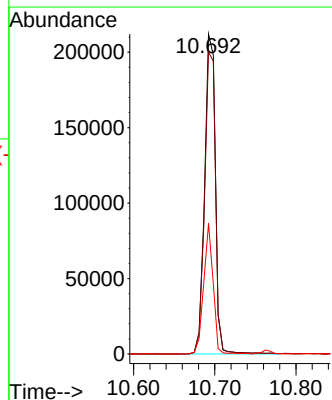
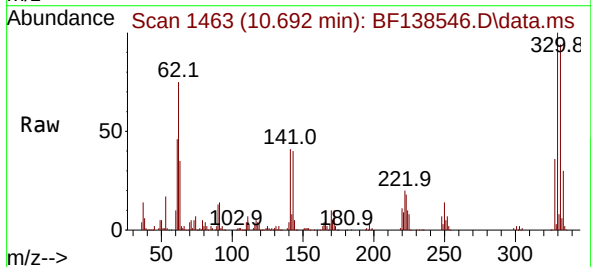
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

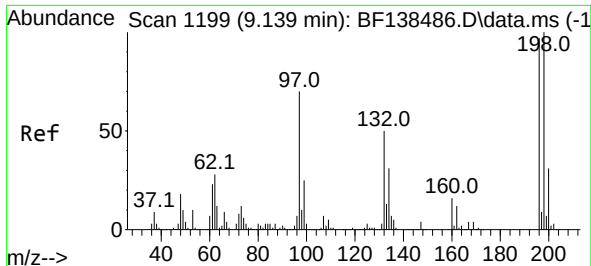
Tgt Ion:237 Resp: 257133
Ion Ratio Lower Upper
237 100
235 62.4 43.3 83.3
272 12.4 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 108.912 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion:330 Resp: 194843
Ion Ratio Lower Upper
330 100
332 95.9 76.8 115.2
141 35.8 29.4 44.2

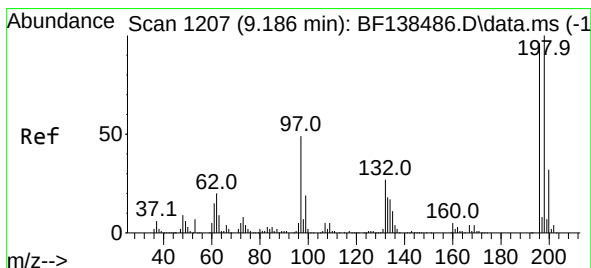
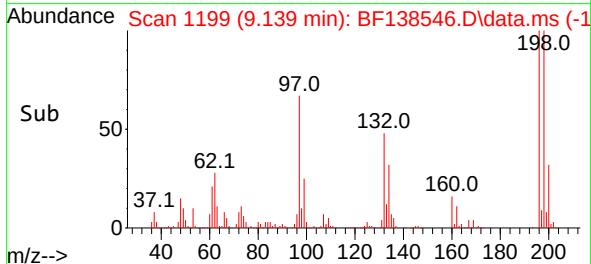
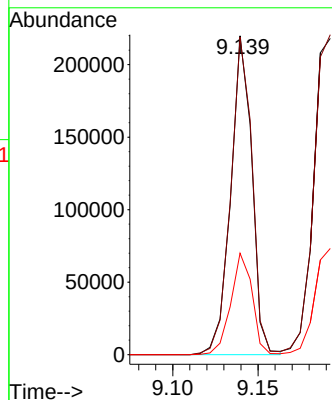
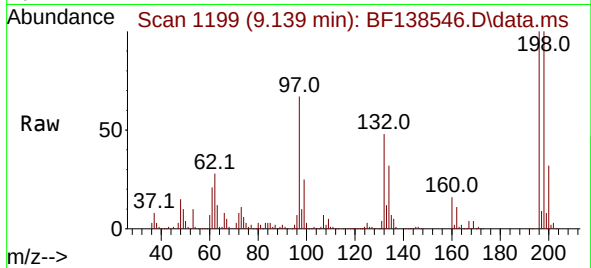




#43
2,4,6-Trichlorophenol
Concen: 55.910 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

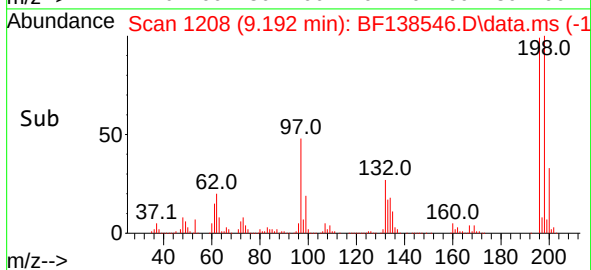
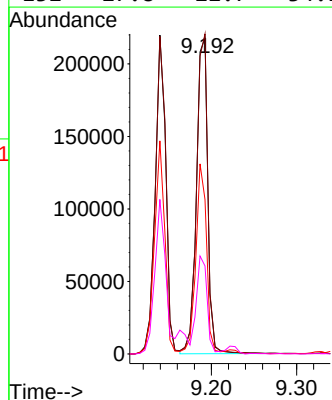
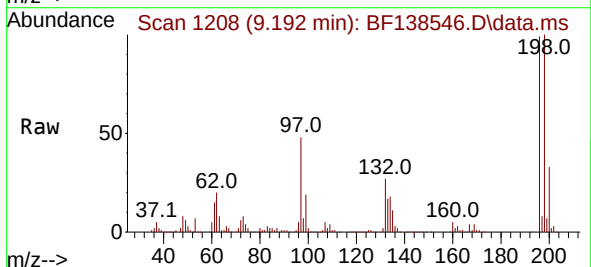
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

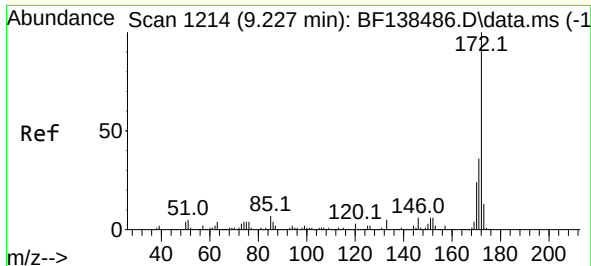
Tgt Ion:196 Resp: 190267
Ion Ratio Lower Upper
196 100
198 99.6 82.3 123.5
200 31.8 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 53.758 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion:196 Resp: 201214
Ion Ratio Lower Upper
196 100
198 101.1 82.8 124.2
97 48.8 41.0 61.4
132 27.8 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 79.797 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MS

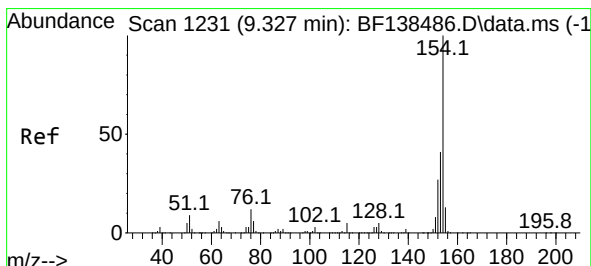
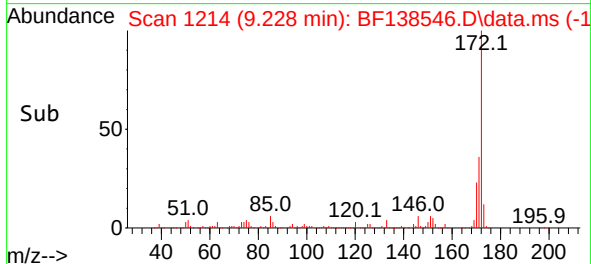
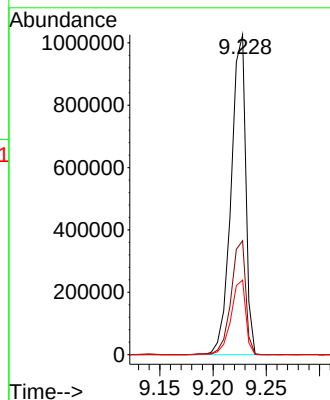
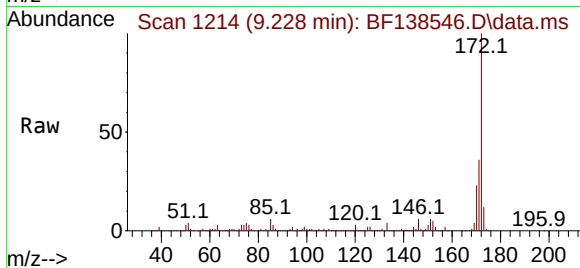
Tgt Ion:172 Resp: 977321

Ion Ratio Lower Upper

172 100

171 35.6 28.9 43.3

170 23.3 18.9 28.3



#46

1,1'-Biphenyl

Concen: 51.215 ng

RT: 9.328 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

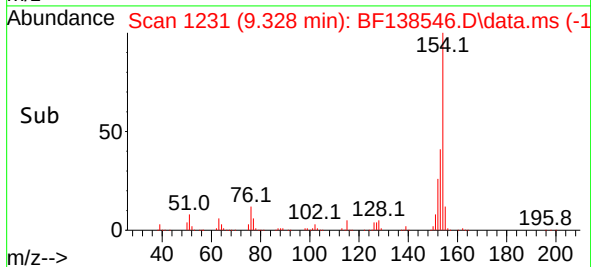
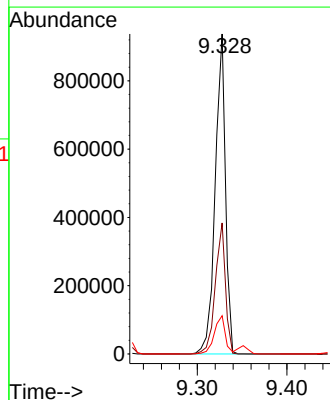
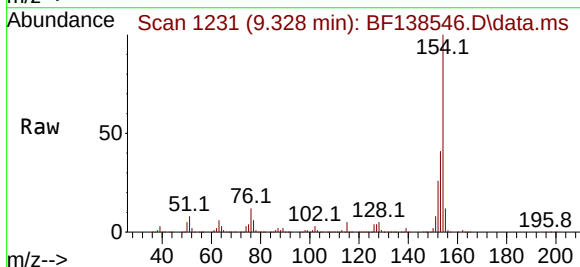
Tgt Ion:154 Resp: 742951

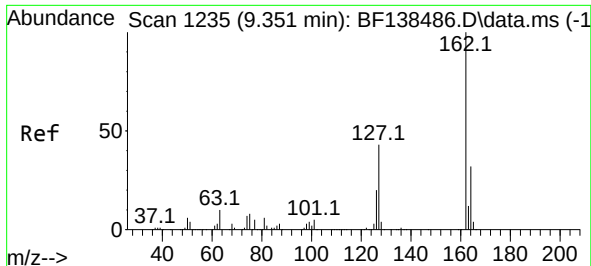
Ion Ratio Lower Upper

154 100

153 40.9 20.7 60.7

76 12.0 0.0 32.2





#47

2-Chloronaphthalene

Concen: 53.090 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MS

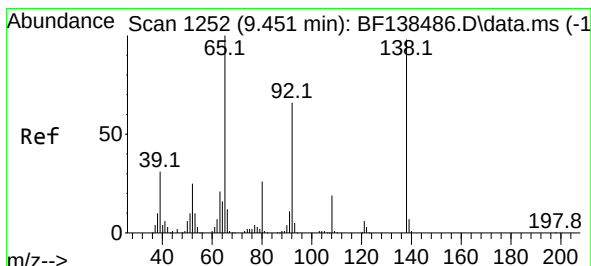
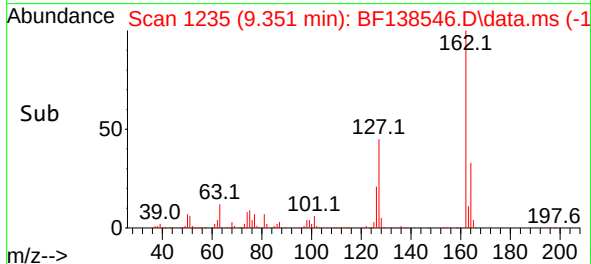
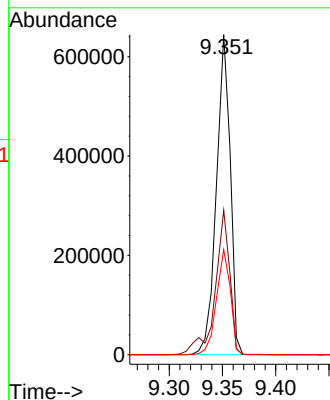
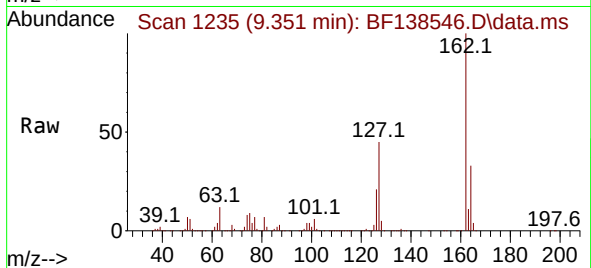
Tgt Ion:162 Resp: 581822

Ion Ratio Lower Upper

162 100

127 45.1 34.8 52.2

164 32.8 25.6 38.4



#48

2-Nitroaniline

Concen: 54.495 ng

RT: 9.451 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

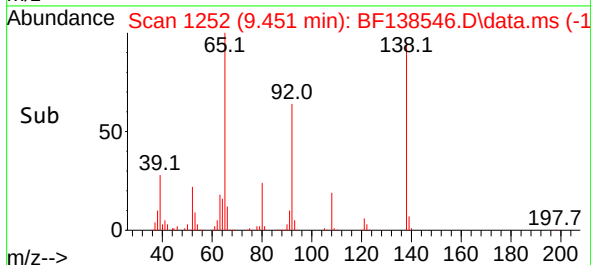
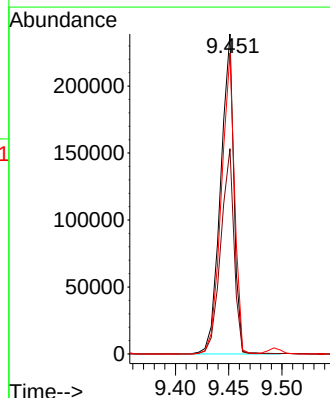
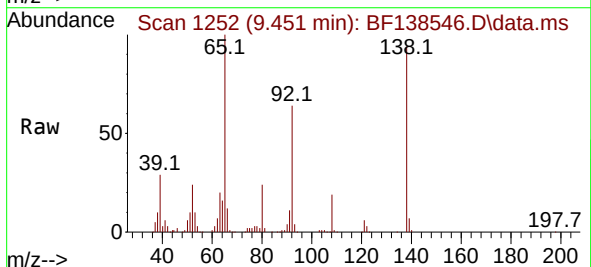
Tgt Ion: 65 Resp: 206952

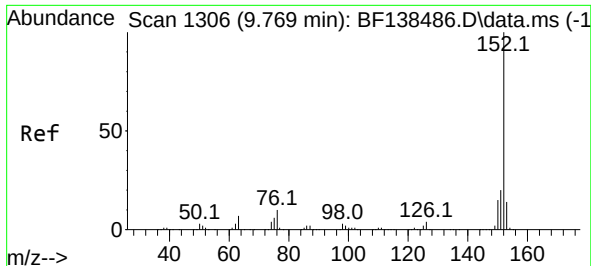
Ion Ratio Lower Upper

65 100

92 64.1 52.6 78.8

138 94.0 78.6 118.0





#49

Acenaphthylene

Concen: 57.907 ng

RT: 9.769 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MS

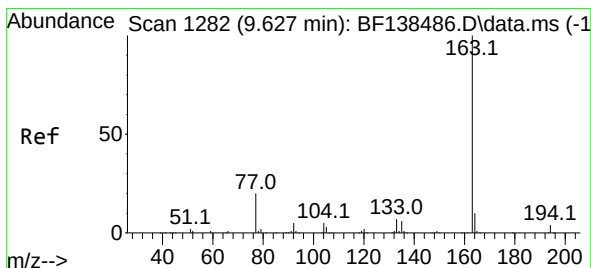
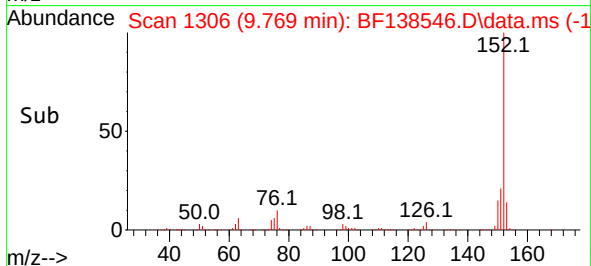
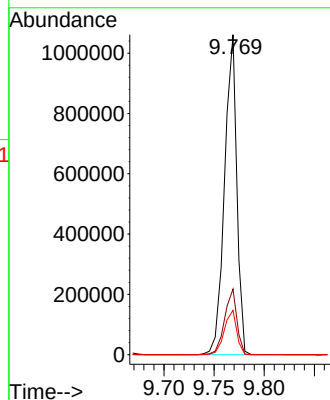
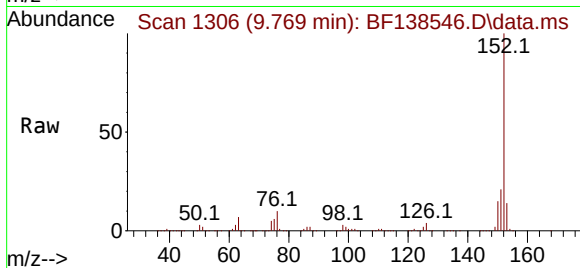
Tgt Ion:152 Resp: 900991

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.8 11.3 16.9



#50

Dimethylphthalate

Concen: 57.595 ng

RT: 9.628 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

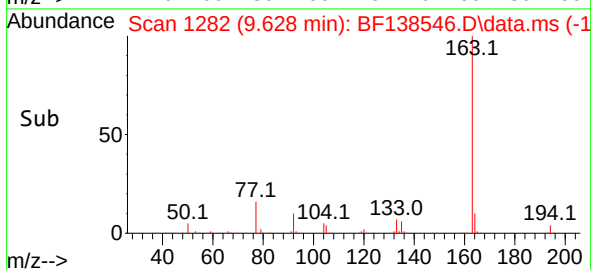
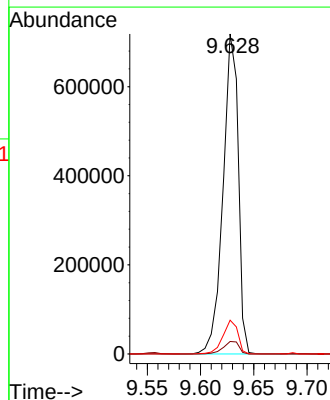
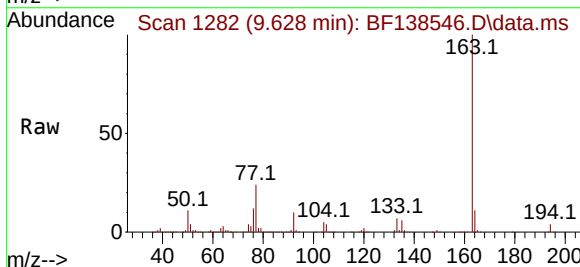
Tgt Ion:163 Resp: 712888

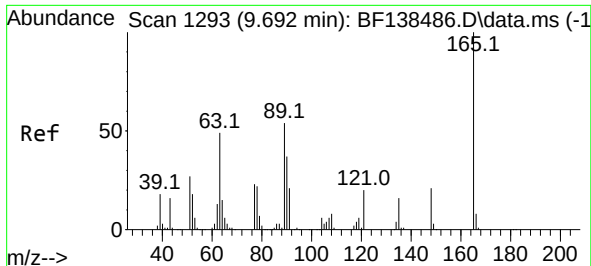
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.6 8.1 12.1

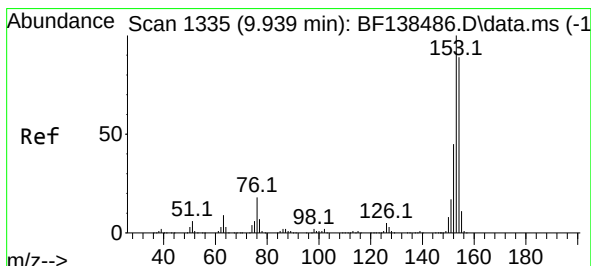
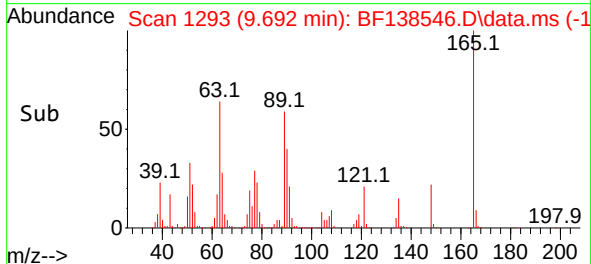
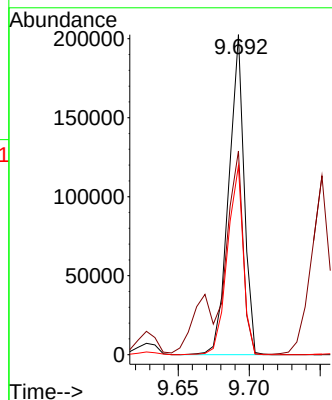
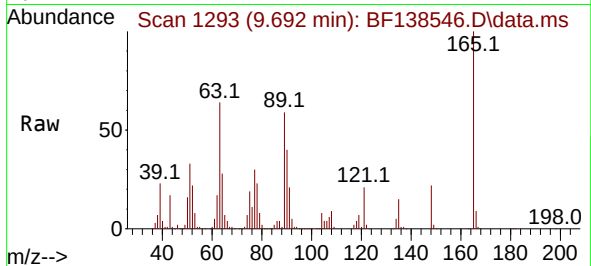




#51
2,6-Dinitrotoluene
Concen: 53.818 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

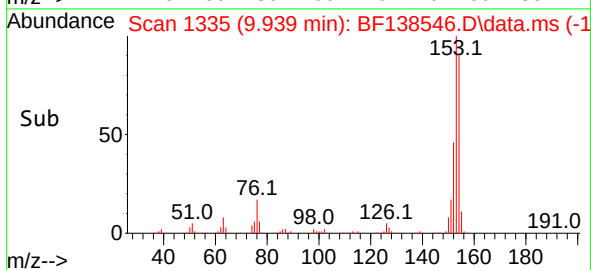
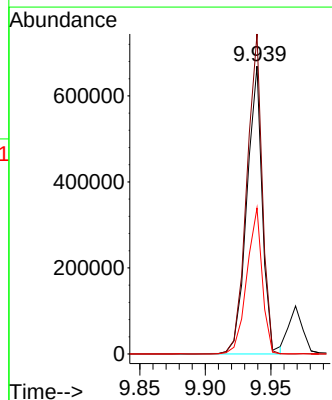
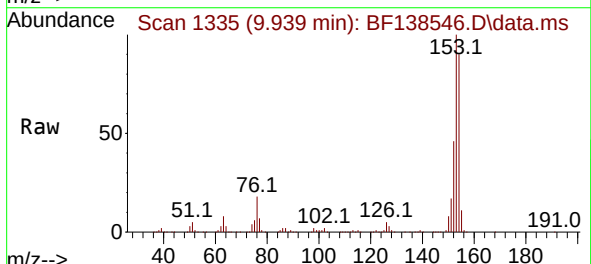
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

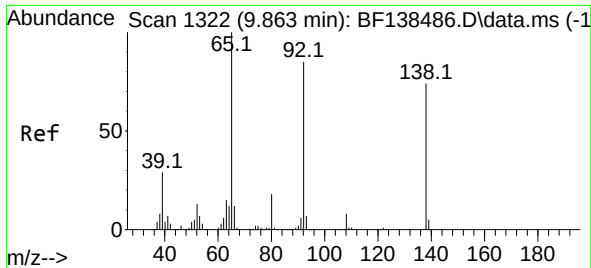
Tgt Ion:165 Resp: 153375
Ion Ratio Lower Upper
165 100
63 63.7 48.1 72.1
89 59.0 43.0 64.6



#52
Acenaphthene
Concen: 53.342 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion:154 Resp: 551696
Ion Ratio Lower Upper
154 100
153 111.1 90.4 135.6
152 50.7 41.1 61.7

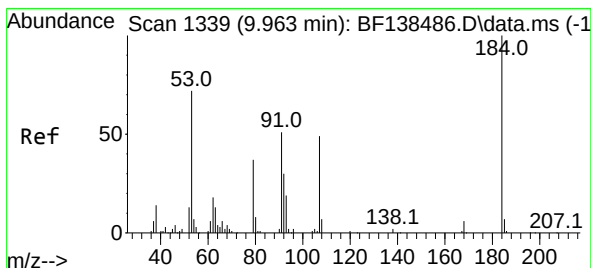
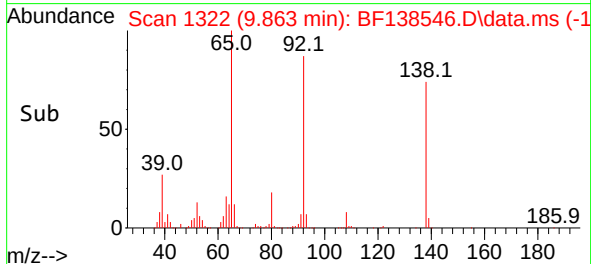
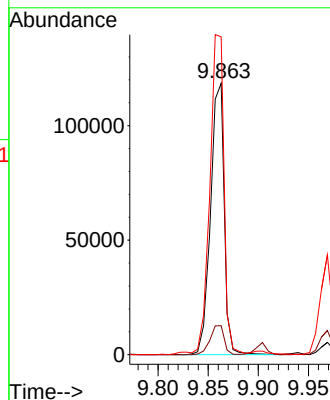
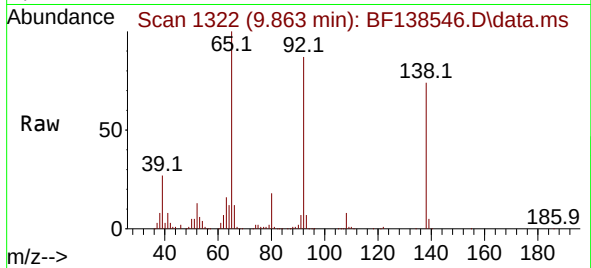




#53
3-Nitroaniline
Concen: 38.606 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

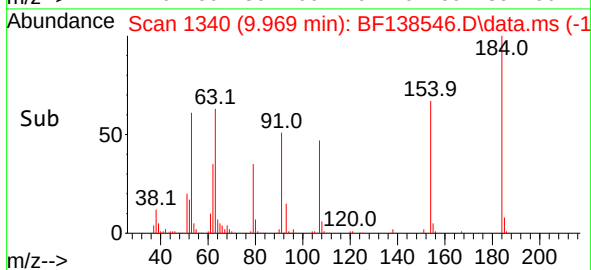
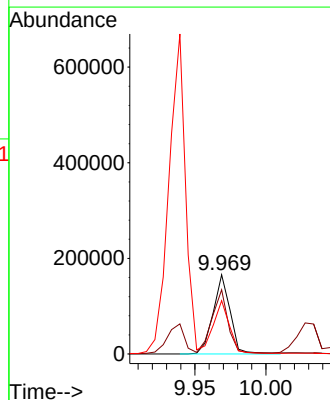
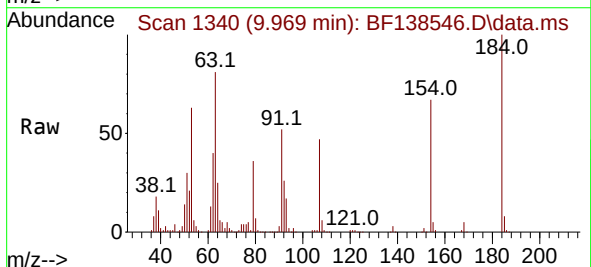
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

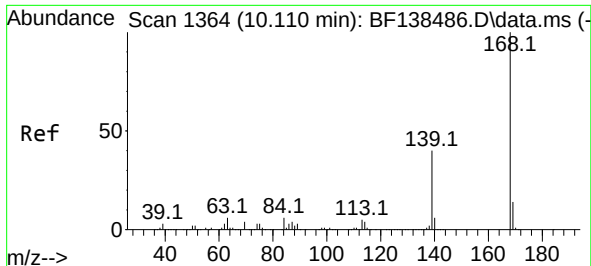
Tgt Ion:138 Resp: 112765
Ion Ratio Lower Upper
138 100
108 10.7 8.3 12.5
92 117.2 92.6 138.8



#54
2,4-Dinitrophenol
Concen: 89.950 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion:184 Resp: 138522
Ion Ratio Lower Upper
184 100
63 80.9 70.6 106.0
154 67.3 53.8 80.6

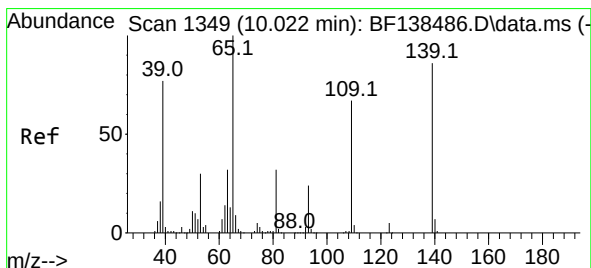
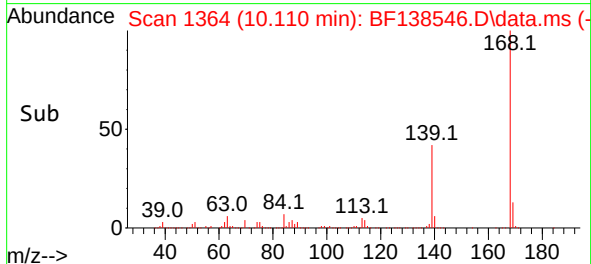
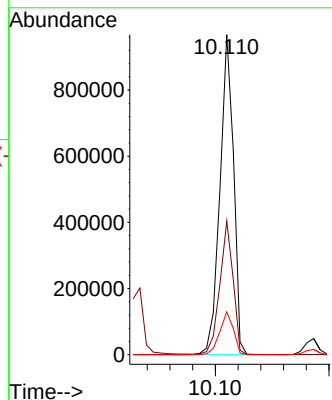
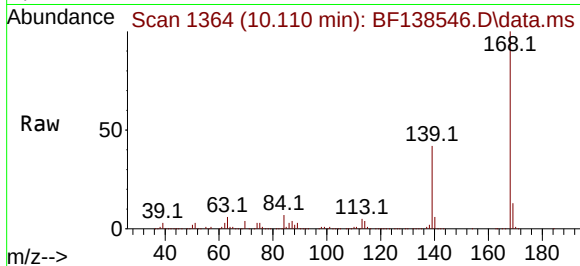




#55
Dibenzofuran
Concen: 53.632 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

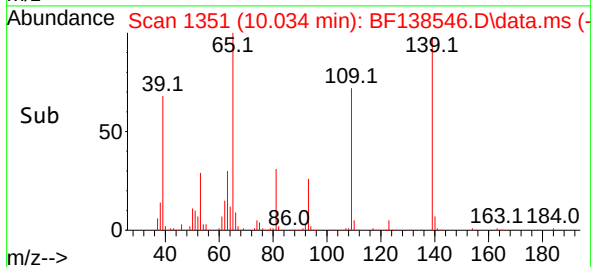
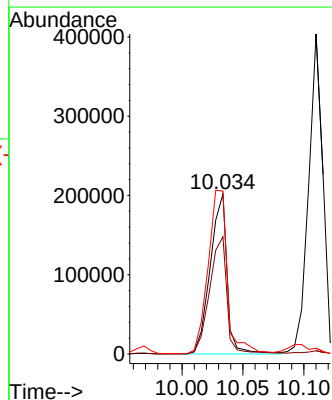
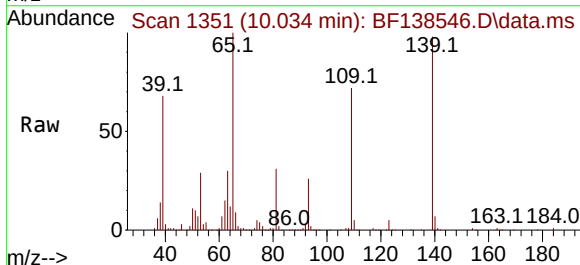
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

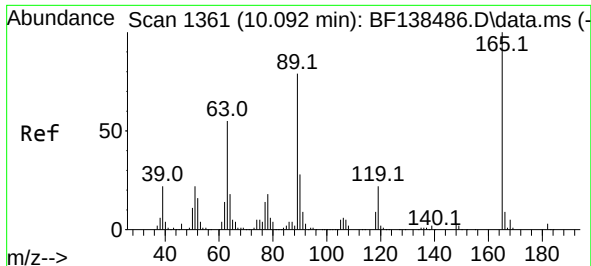
Tgt Ion:168 Resp: 804562
Ion Ratio Lower Upper
168 100
139 41.7 32.4 48.6
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 89.866 ng
RT: 10.034 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion:139 Resp: 193683
Ion Ratio Lower Upper
139 100
109 73.4 58.1 98.1
65 101.9 96.9 136.9

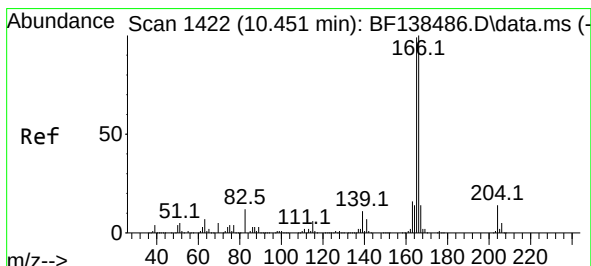
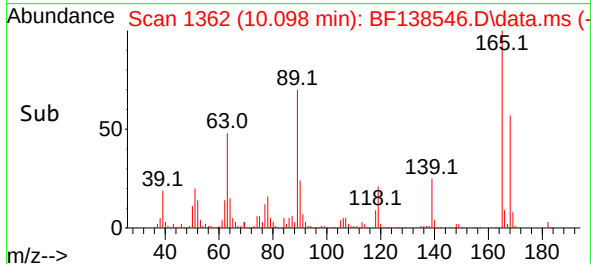
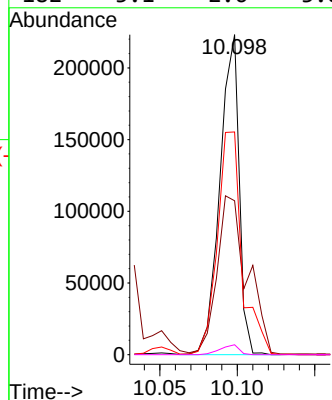
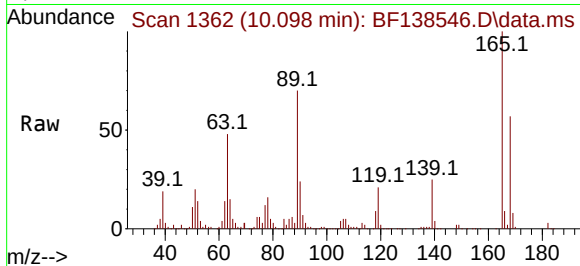




#57
2,4-Dinitrotoluene
Concen: 52.271 ng
RT: 10.098 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

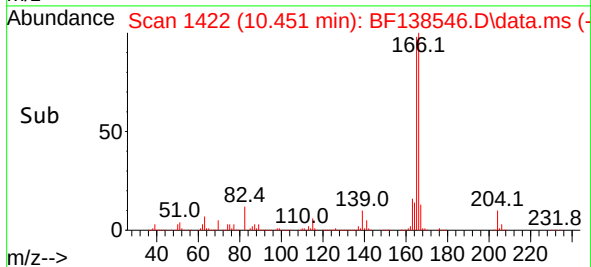
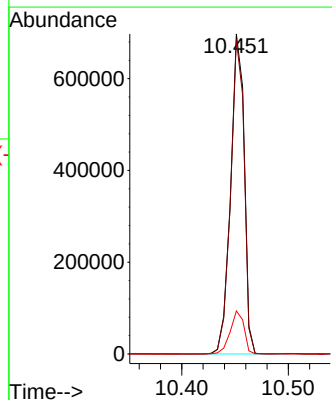
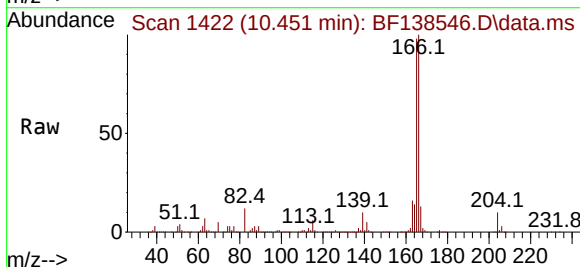
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

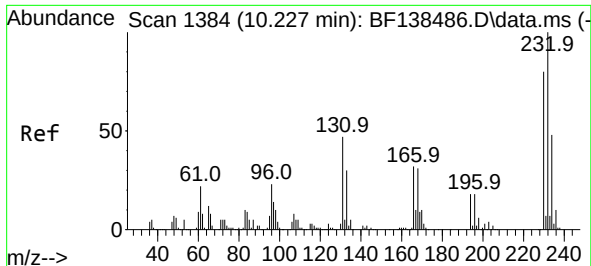
Tgt Ion:165 Resp: 192744
Ion Ratio Lower Upper
165 100
63 48.1 44.6 66.8
89 69.6 63.4 95.2
182 3.1 2.6 3.8



#58
Fluorene
Concen: 52.197 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion:166 Resp: 619582
Ion Ratio Lower Upper
166 100
165 98.2 79.1 118.7
167 13.5 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 53.903 ng

RT: 10.228 min Scan# 1401

Delta R.T. 0.000 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MS

Tgt Ion:232 Resp: 159229

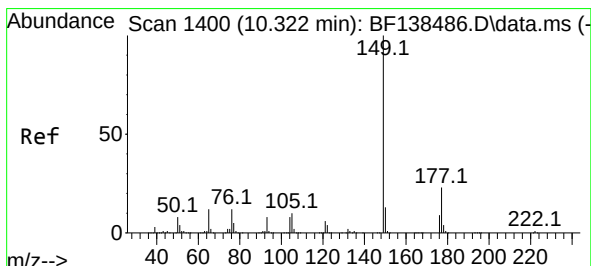
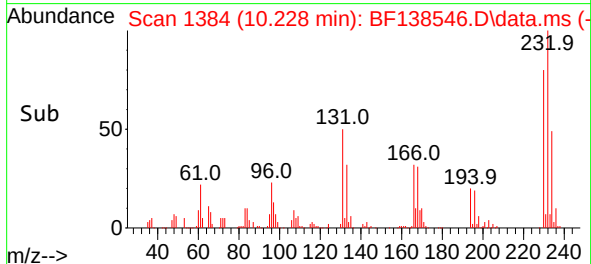
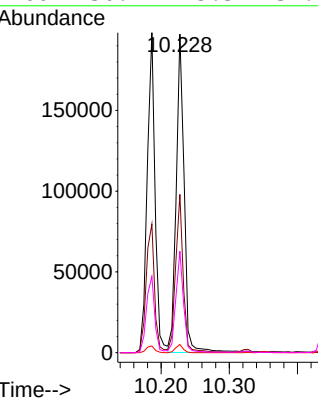
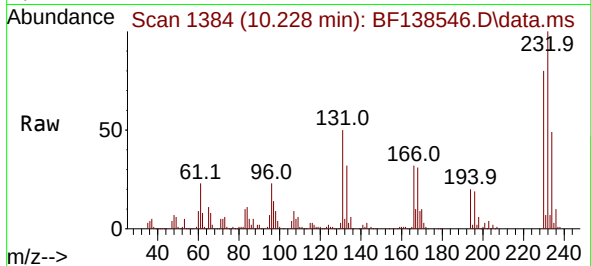
Ion Ratio Lower Upper

232 100

131 47.6 37.5 56.3

130 2.4 2.0 3.0

166 30.7 25.3 37.9



#60

Diethylphthalate

Concen: 57.092 ng

RT: 10.328 min Scan# 1401

Delta R.T. 0.006 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

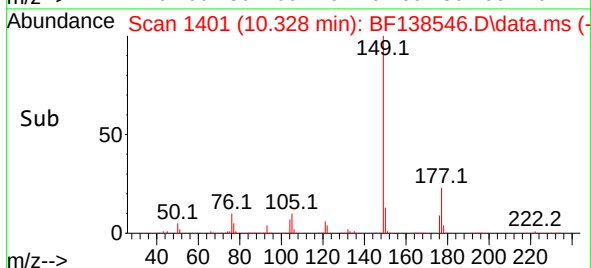
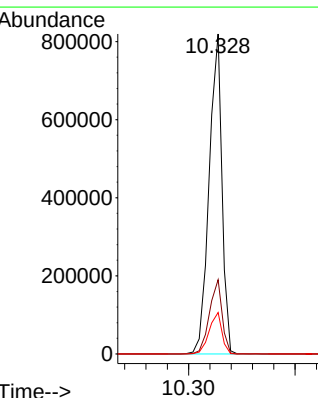
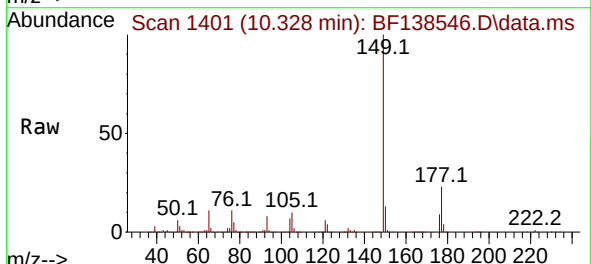
Tgt Ion:149 Resp: 681246

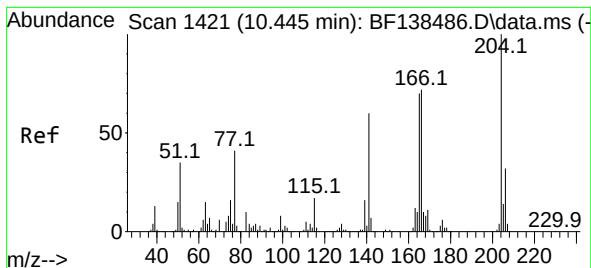
Ion Ratio Lower Upper

149 100

177 23.2 18.5 27.7

150 12.9 10.3 15.5

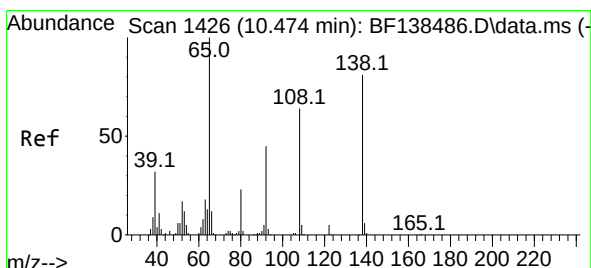
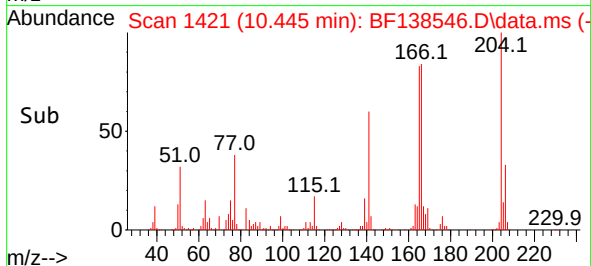
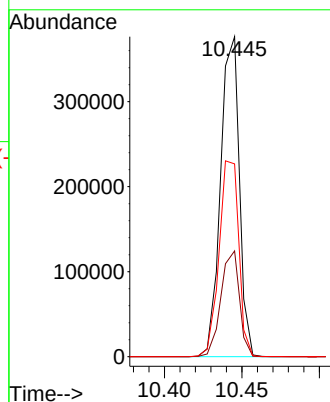
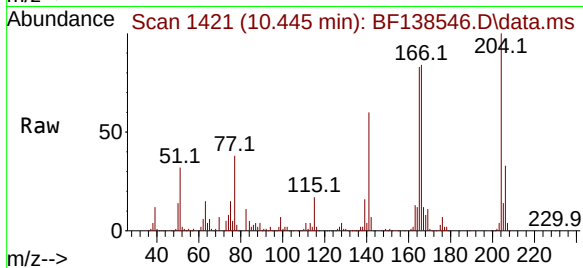




#61
4-Chlorophenyl-phenylether
Concen: 53.205 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

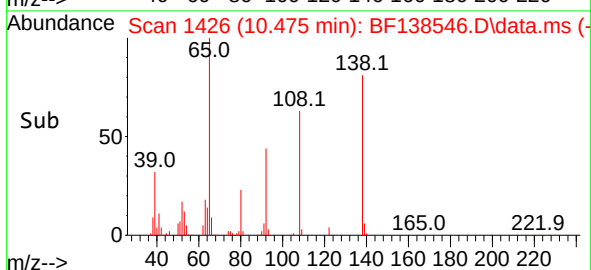
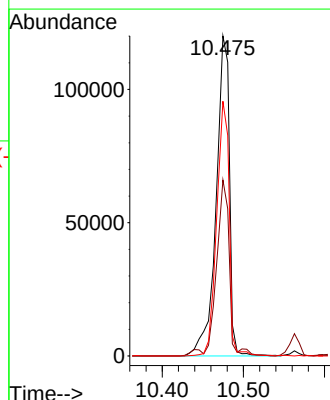
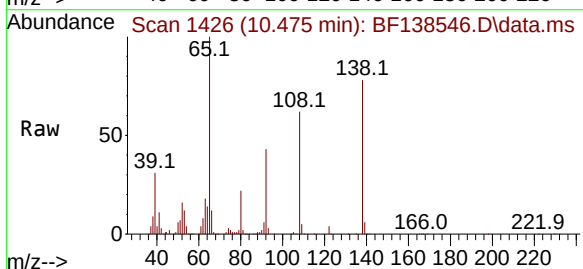
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

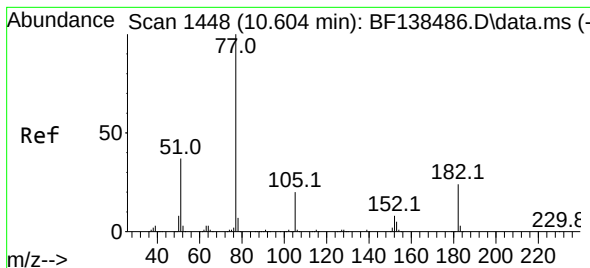
Tgt Ion:204 Resp: 317129
Ion Ratio Lower Upper
204 100
206 33.1 25.6 38.4
141 60.3 47.7 71.5



#62
4-Nitroaniline
Concen: 46.777 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion:138 Resp: 136916
Ion Ratio Lower Upper
138 100
92 55.0 35.8 75.8
108 79.6 59.8 99.8





#63

Azobenzene

Concen: 54.126 ng

RT: 10.604 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MS

Tgt Ion: 77 Resp: 694382

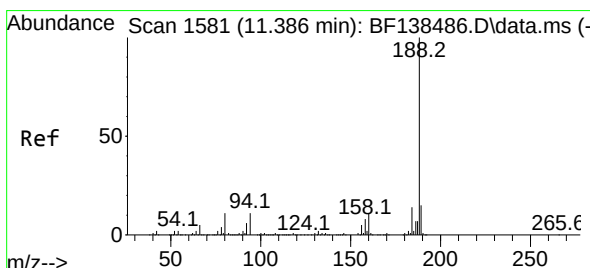
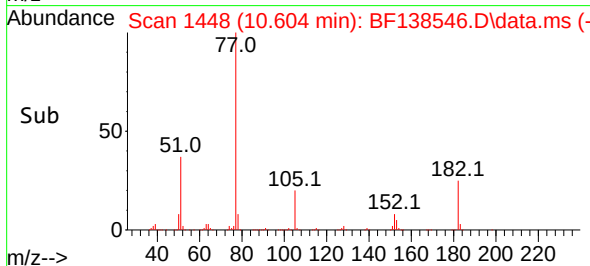
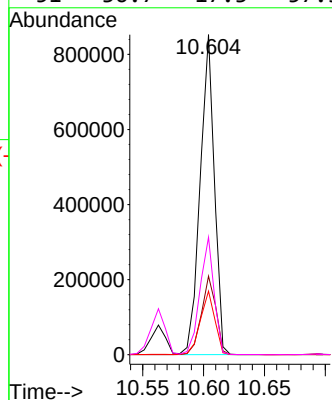
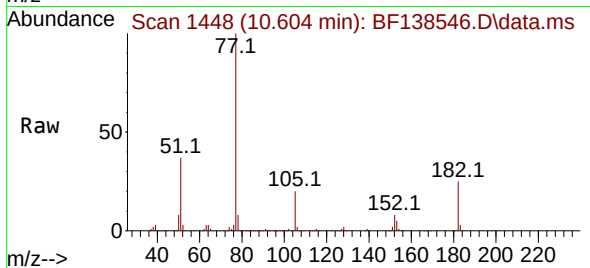
Ion Ratio Lower Upper

77 100

182 24.6 3.8 43.8

105 19.9 0.0 39.8

51 36.7 17.3 57.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

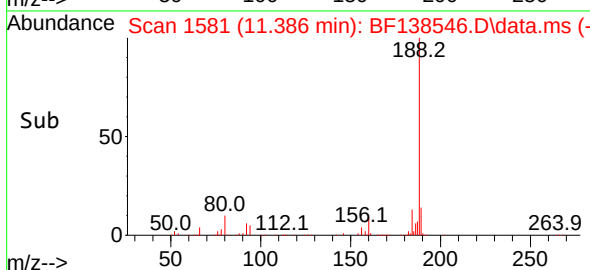
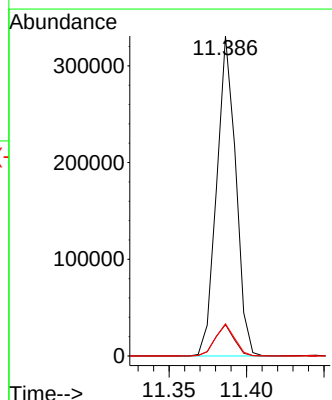
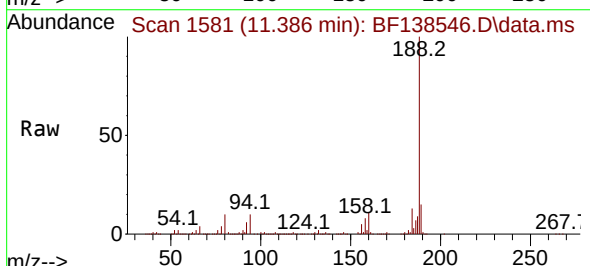
Tgt Ion: 188 Resp: 283349

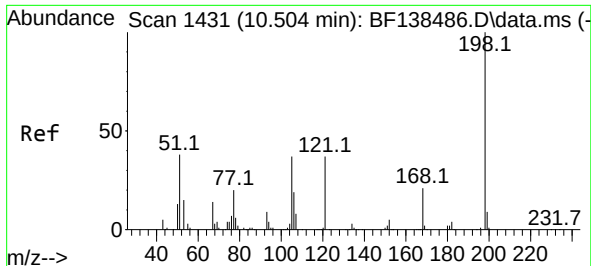
Ion Ratio Lower Upper

188 100

94 9.8 8.7 13.1

80 10.1 9.0 13.4

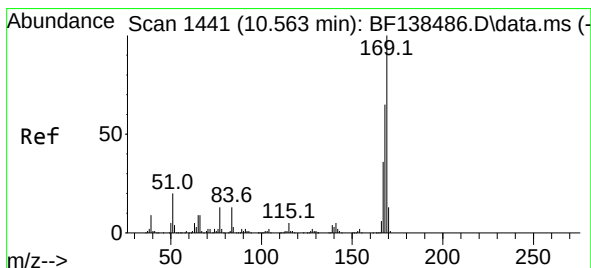
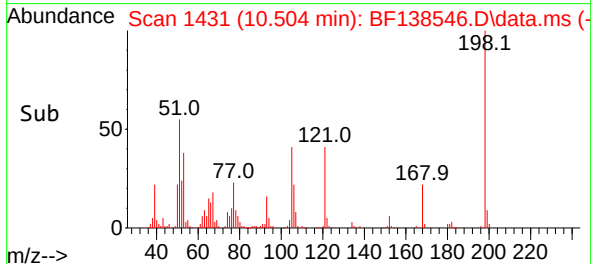
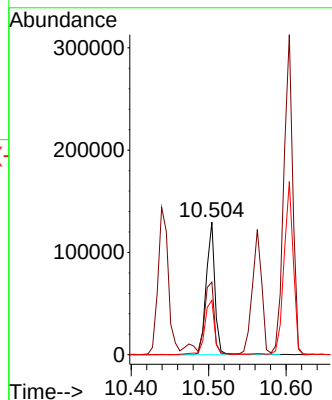
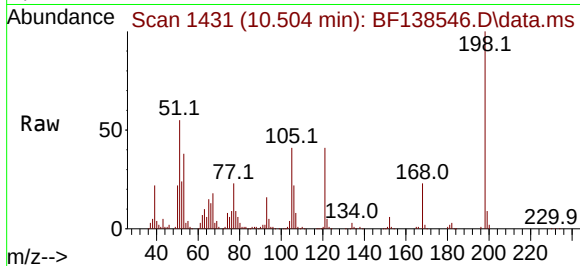




#65
4,6-Dinitro-2-methylphenol
Concen: 61.627 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

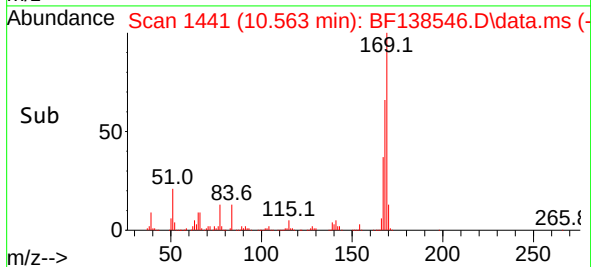
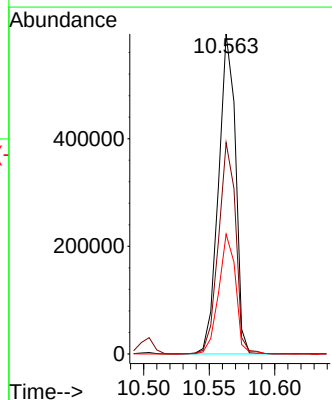
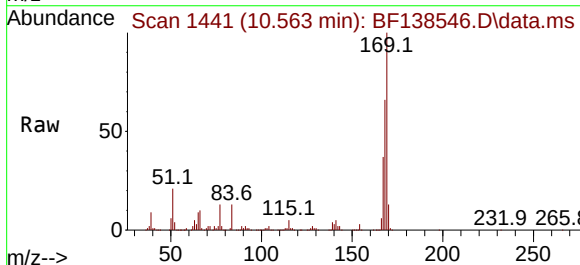
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

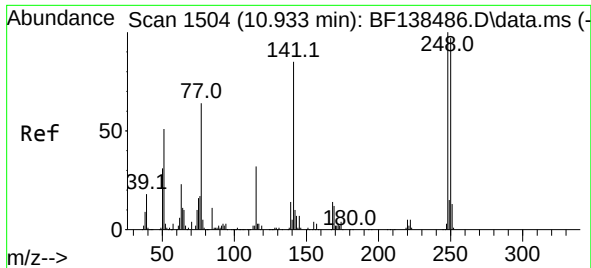
Tgt Ion:198 Resp: 100827
Ion Ratio Lower Upper
198 100
51 54.8 27.2 67.2
105 41.0 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 62.997 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion:169 Resp: 534803
Ion Ratio Lower Upper
169 100
168 66.1 51.7 77.5
167 37.5 28.5 42.7

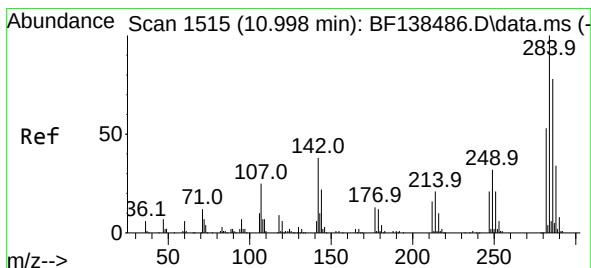
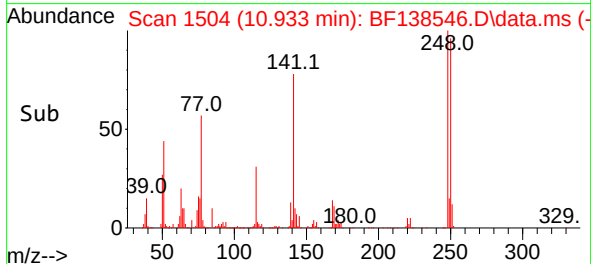
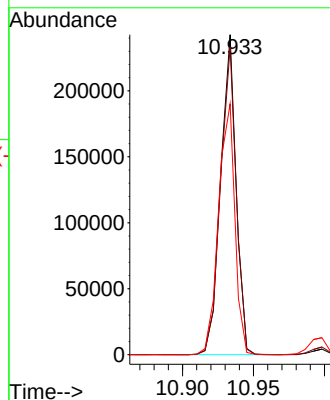
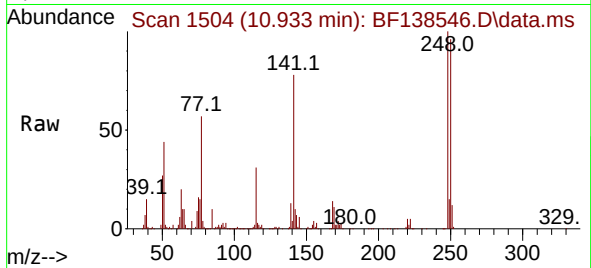




#67
4-Bromophenyl-phenylether
Concen: 63.000 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

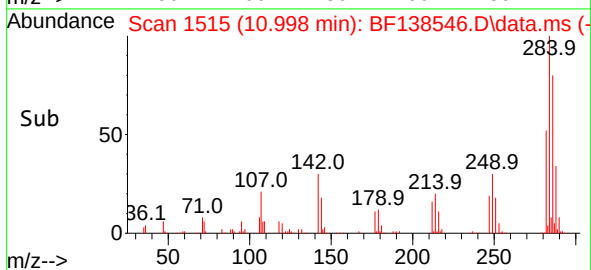
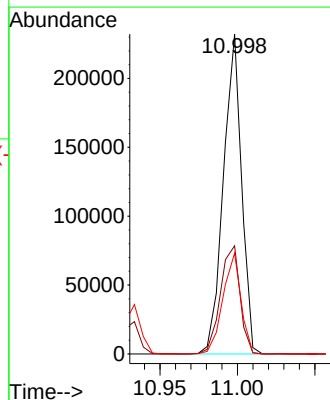
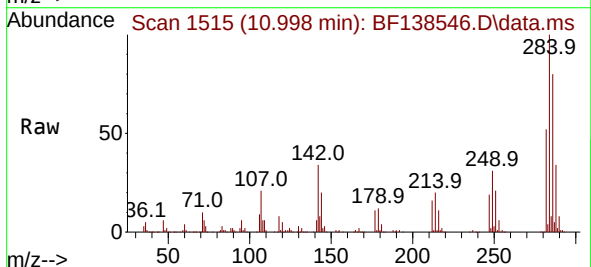
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

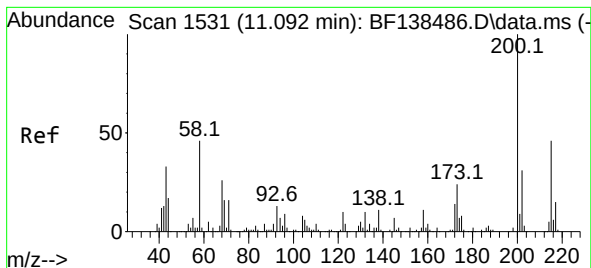
Tgt Ion:248 Resp: 183475
Ion Ratio Lower Upper
248 100
250 96.1 77.9 116.9
141 78.4 67.7 101.5



#68
Hexachlorobenzene
Concen: 58.480 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion:284 Resp: 189202
Ion Ratio Lower Upper
284 100
142 33.8 30.5 45.7
249 31.5 25.9 38.9





#69

Atrazine

Concen: 57.401 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MS

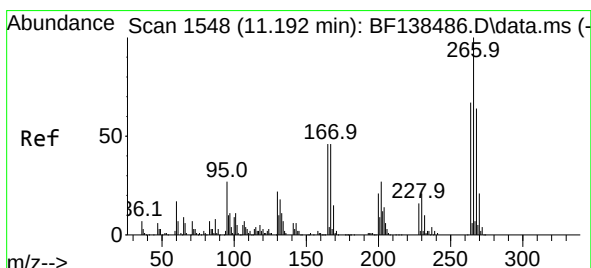
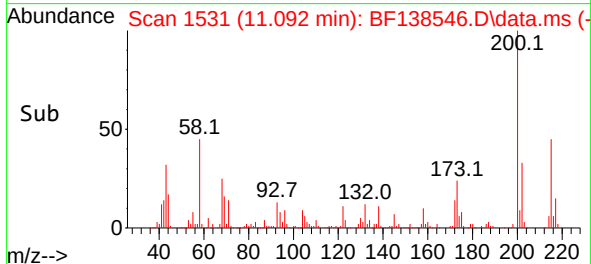
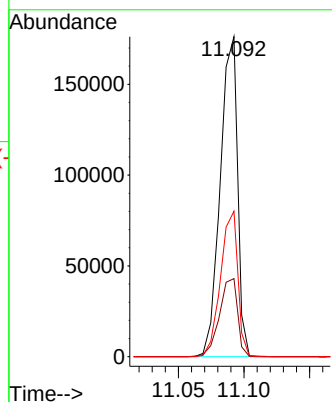
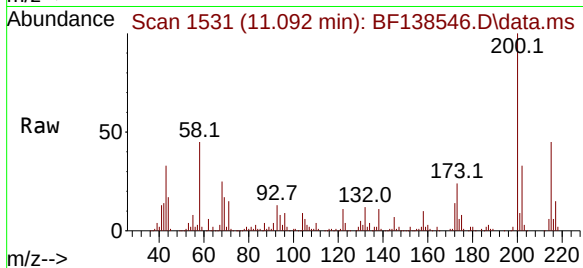
Tgt Ion:200 Resp: 161561

Ion Ratio Lower Upper

200 100

173 24.4 4.1 44.1

215 45.5 26.5 66.5



#70

Pentachlorophenol

Concen: 97.631 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

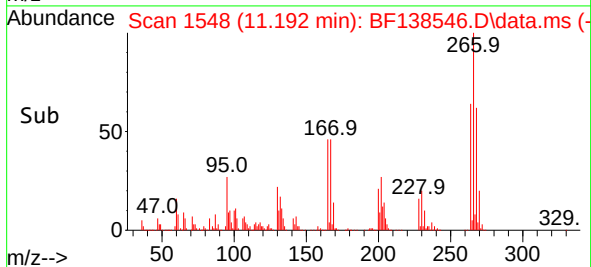
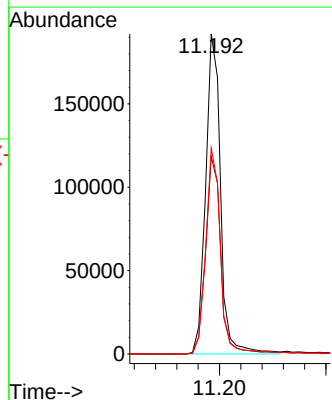
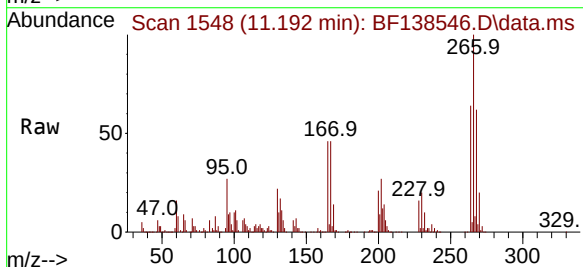
Tgt Ion:266 Resp: 186908

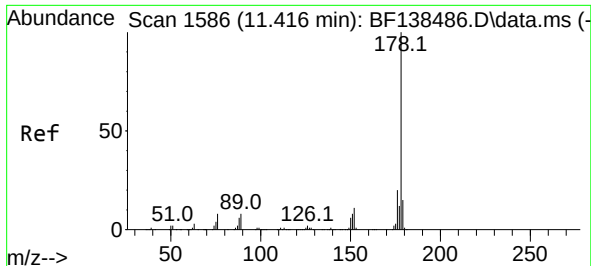
Ion Ratio Lower Upper

266 100

268 61.7 50.9 76.3

264 64.3 53.5 80.3

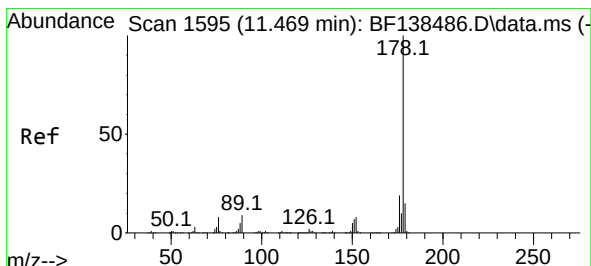
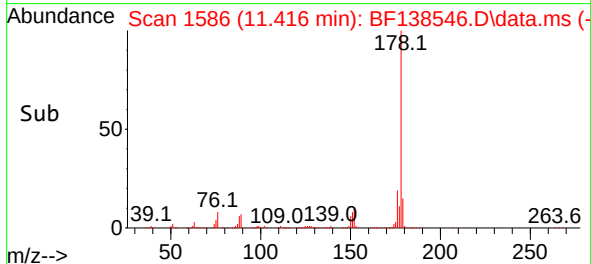
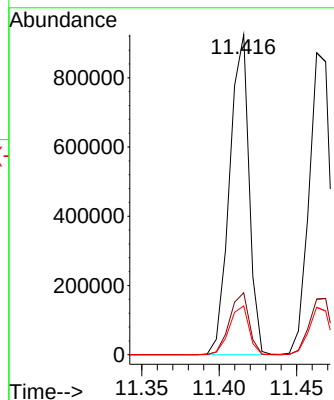
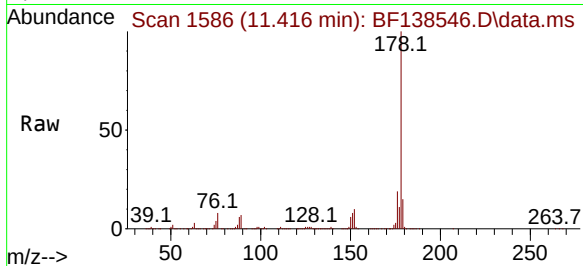




#71
Phenanthrene
Concen: 56.424 ng
RT: 11.416 min Scan# 11594
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

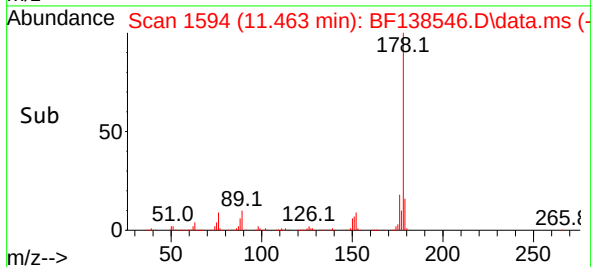
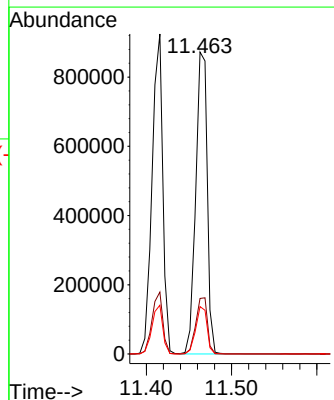
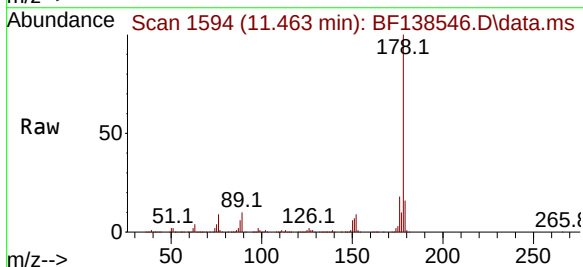
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

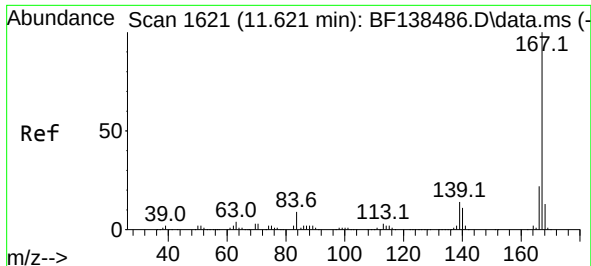
Tgt Ion:178 Resp: 807710
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.3 12.2 18.2



#72
Anthracene
Concen: 57.728 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion:178 Resp: 820311
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.7 12.2 18.4

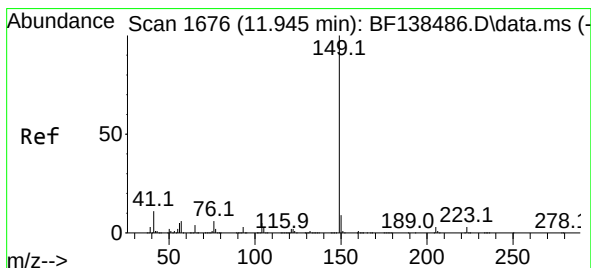
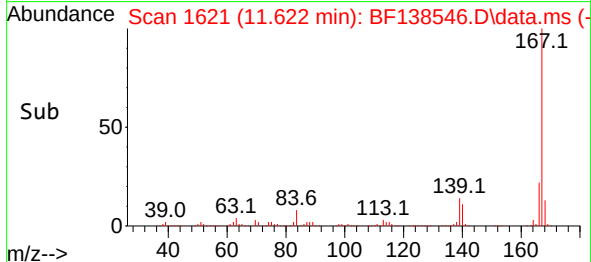
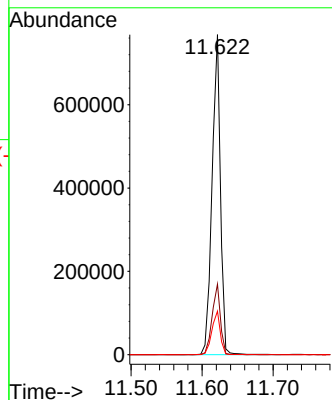
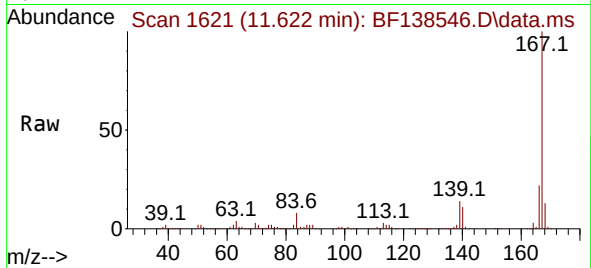




#73
 Carbazole
 Concen: 49.197 ng
 RT: 11.622 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF138546.D
 Acq: 12 Jul 2024 15:03

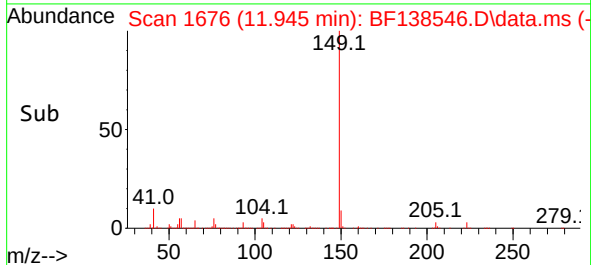
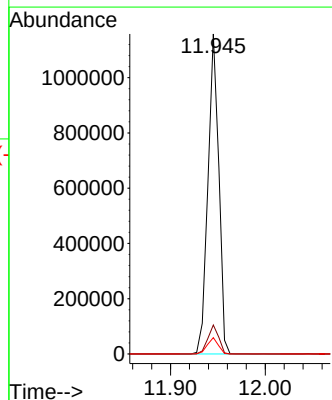
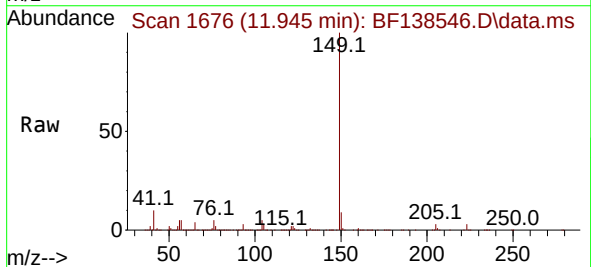
Instrument :
 BNA_F
 ClientSampleId :
 FILL-MATERIAL-1MS

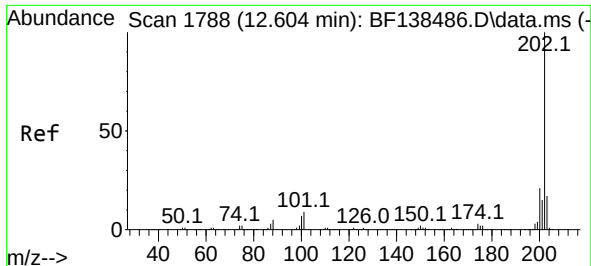
Tgt Ion:167 Resp: 628245
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 13.6 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 62.381 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF138546.D
 Acq: 12 Jul 2024 15:03

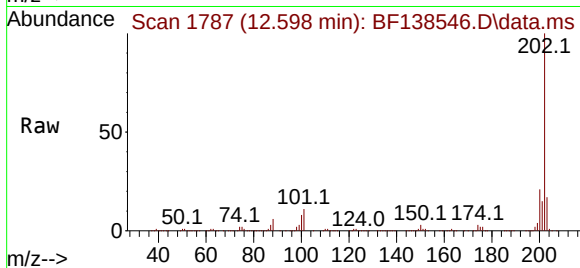
Tgt Ion:149 Resp: 918228
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.1 4.4 6.6



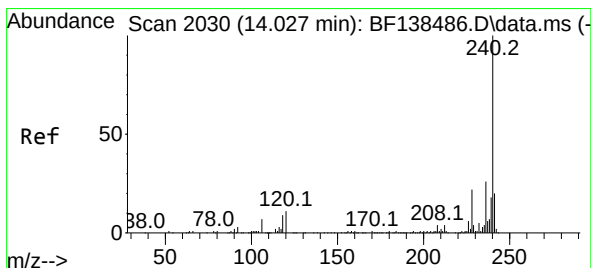
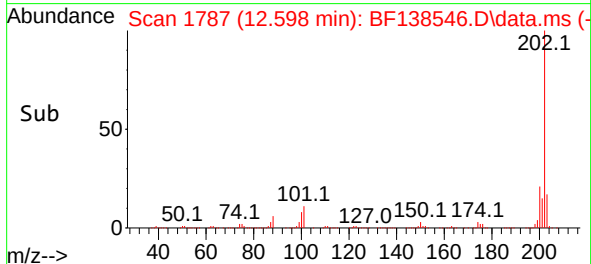
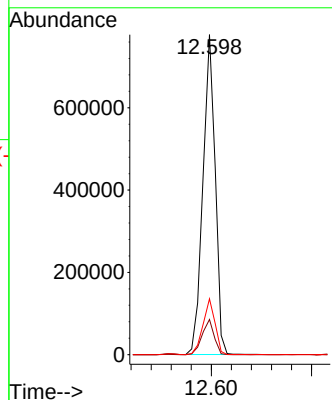


#75
Fluoranthene
Concen: 45.431 ng
RT: 12.598 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

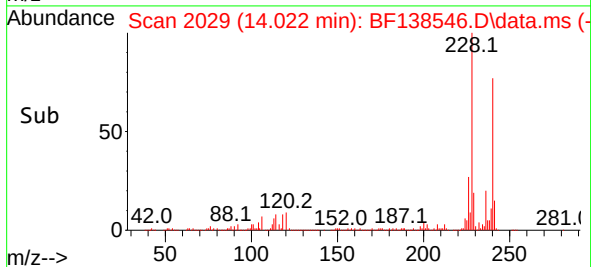
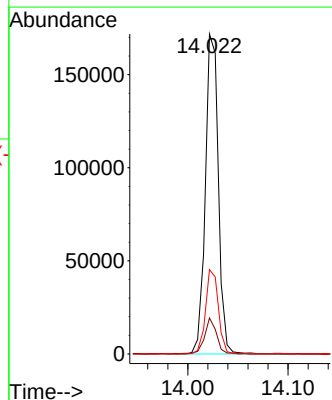
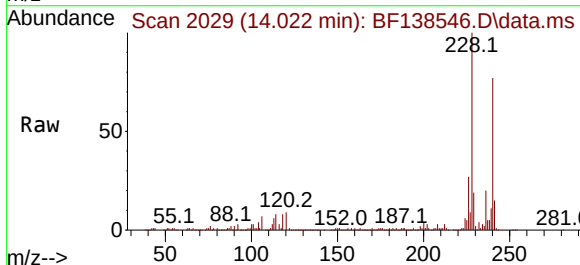


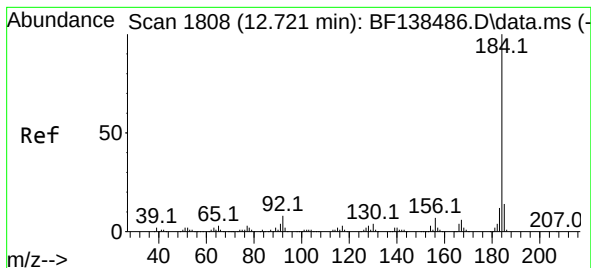
Tgt Ion:202 Resp: 663604
Ion Ratio Lower Upper
202 100
101 11.0 0.0 29.2
203 17.5 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.022 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion:240 Resp: 155879
Ion Ratio Lower Upper
240 100
120 11.2 8.6 12.8
236 26.3 21.0 31.6





#77

Benzidine

Concen: 65.394 ng

RT: 12.722 min Scan# 1808

Delta R.T. 0.001 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MS

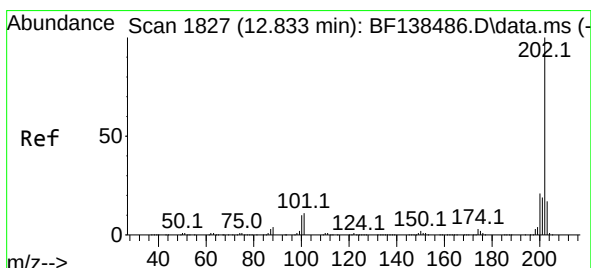
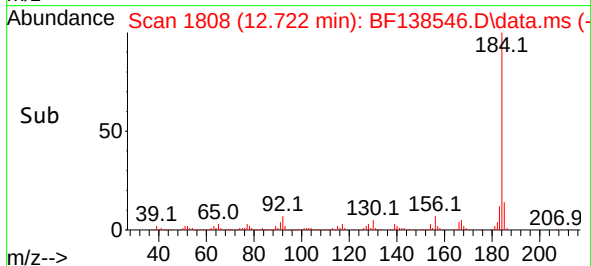
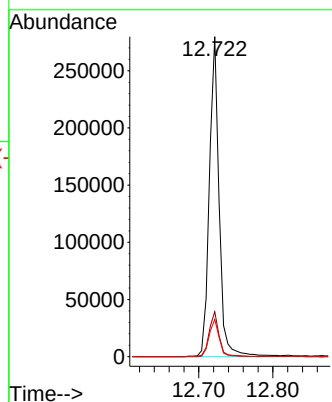
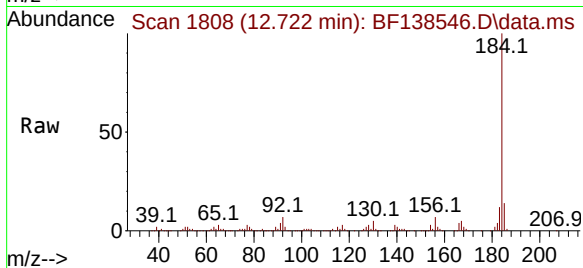
Tgt Ion:184 Resp: 257181

Ion Ratio Lower Upper

184 100

185 14.1 11.3 16.9

183 11.7 9.5 14.3



#78

Pyrene

Concen: 41.678 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

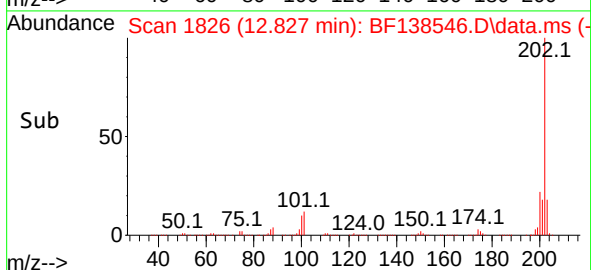
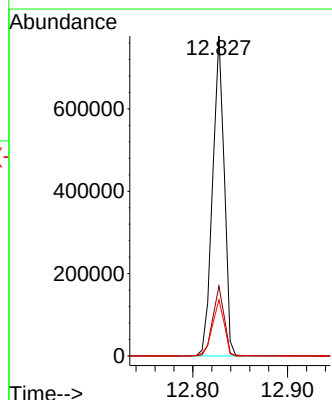
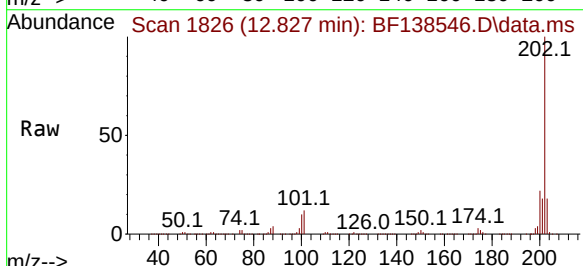
Tgt Ion:202 Resp: 659512

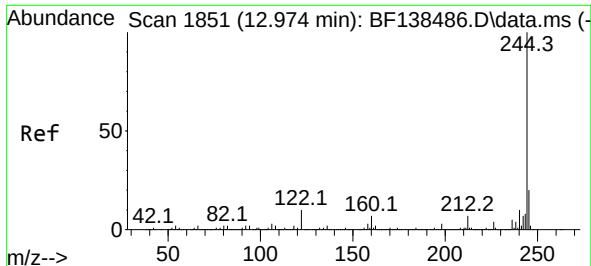
Ion Ratio Lower Upper

202 100

200 21.8 17.0 25.6

203 17.5 13.7 20.5

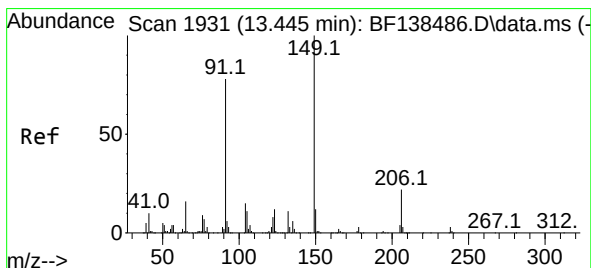
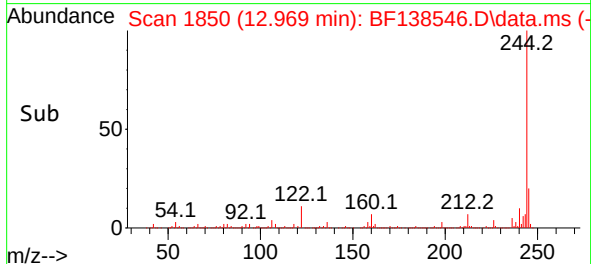
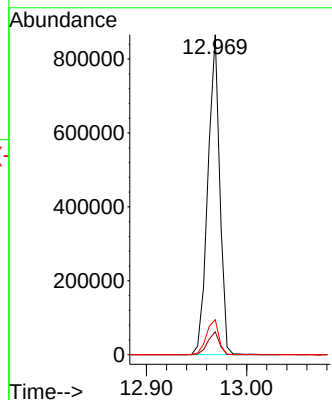
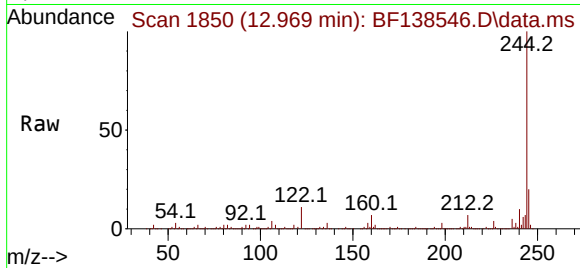




#79
 Terphenyl-d14
 Concen: 74.558 ng
 RT: 12.969 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF138546.D
 Acq: 12 Jul 2024 15:03

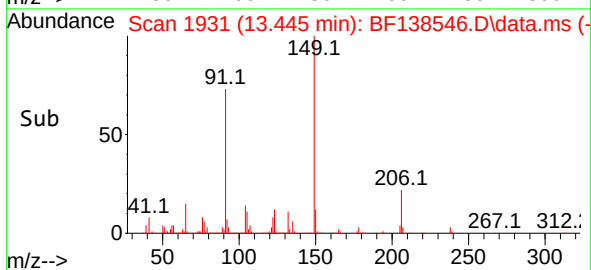
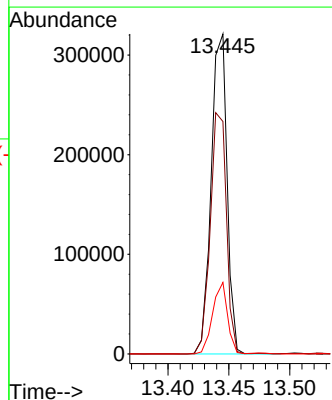
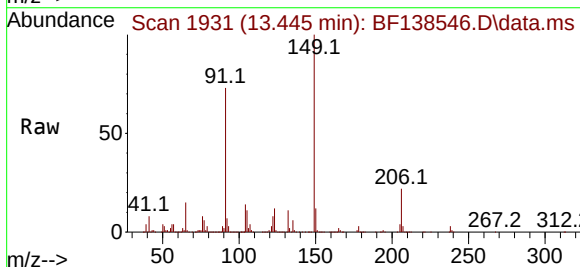
Instrument :
 BNA_F
 ClientSampleId :
 FILL-MATERIAL-1MS

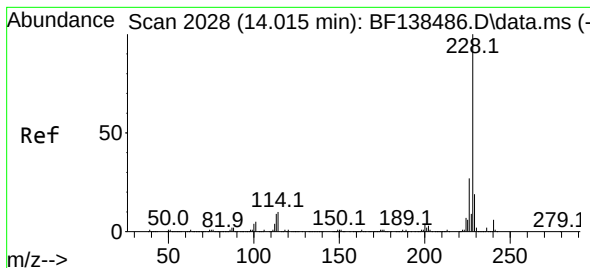
Tgt Ion:244 Resp: 713395
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 10.9 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 61.254 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. 0.000 min
 Lab File: BF138546.D
 Acq: 12 Jul 2024 15:03

Tgt Ion:149 Resp: 291577
 Ion Ratio Lower Upper
 149 100
 91 72.7 62.1 93.1
 206 22.4 18.0 27.0





#81

Benzo(a)anthracene

Concen: 56.401 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MS

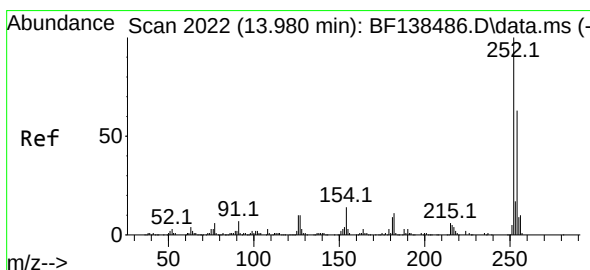
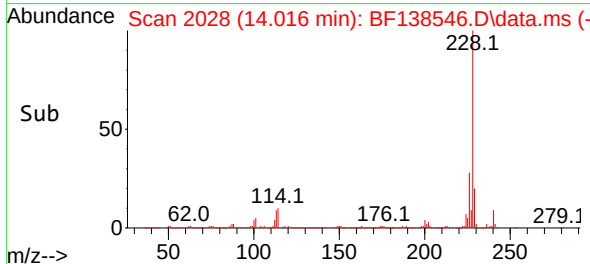
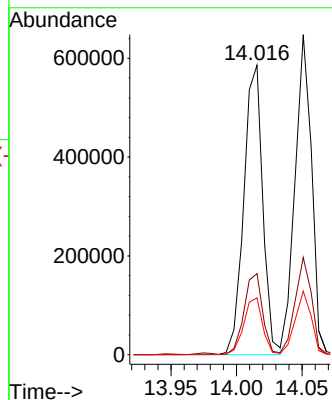
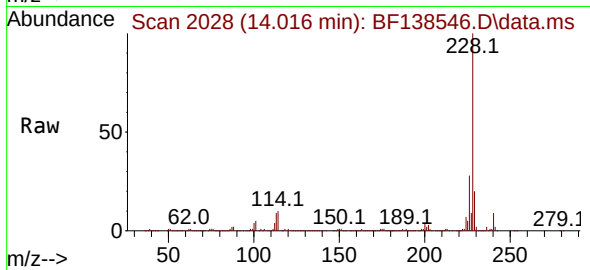
Tgt Ion:228 Resp: 589928

Ion Ratio Lower Upper

228 100

226 28.0 21.9 32.9

229 19.6 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 61.915 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

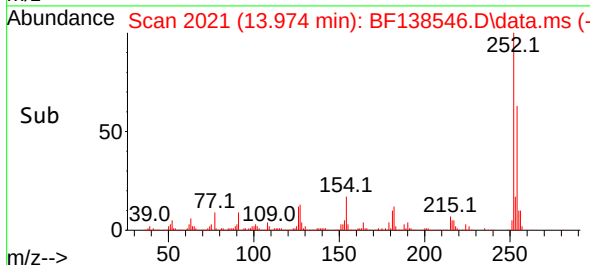
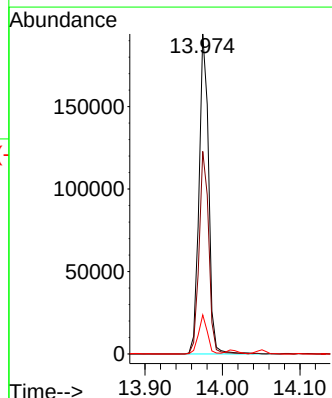
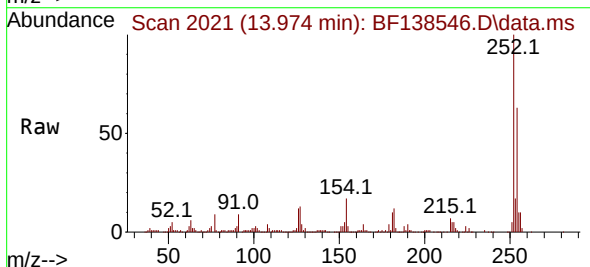
Tgt Ion:252 Resp: 166871

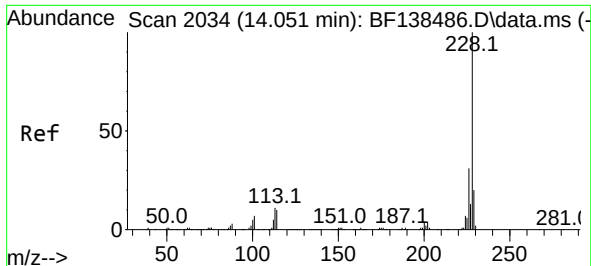
Ion Ratio Lower Upper

252 100

254 63.3 50.3 75.5

126 12.2 8.1 12.1#

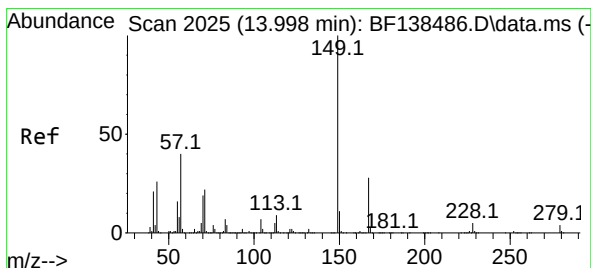
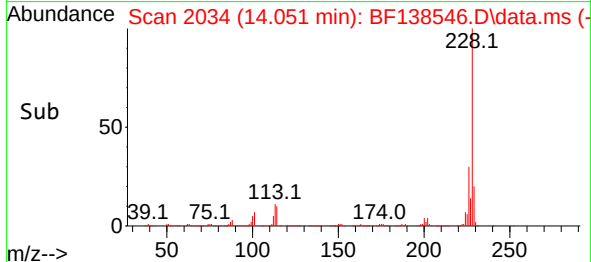
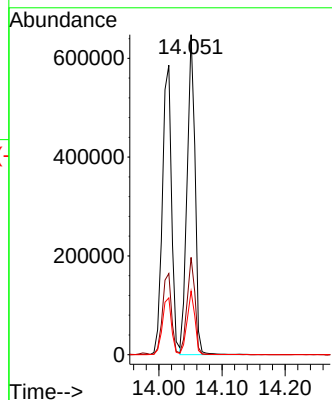
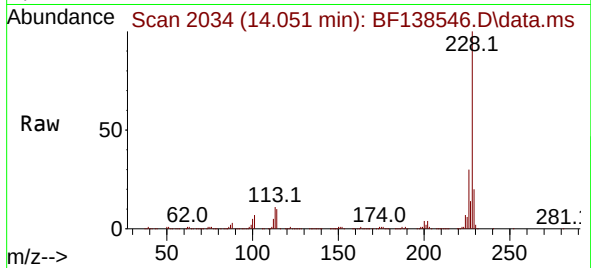




#83
Chrysene
Concen: 57.687 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

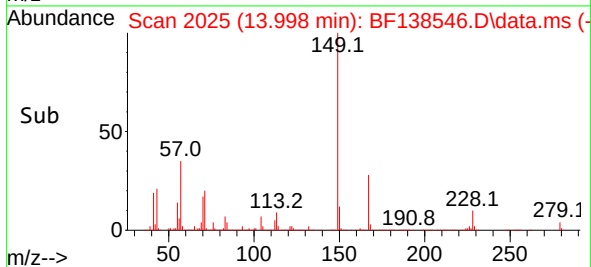
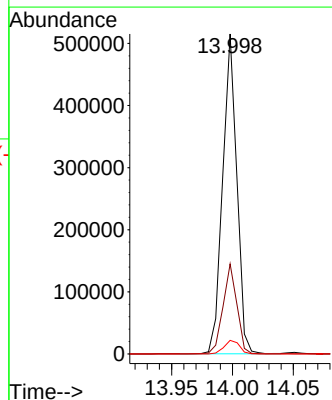
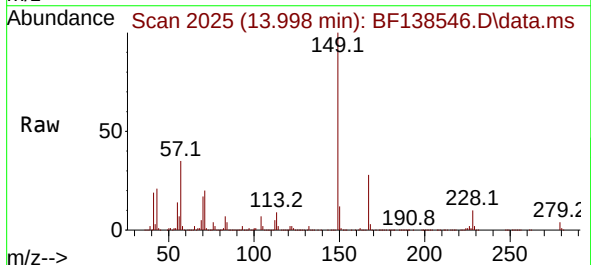
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

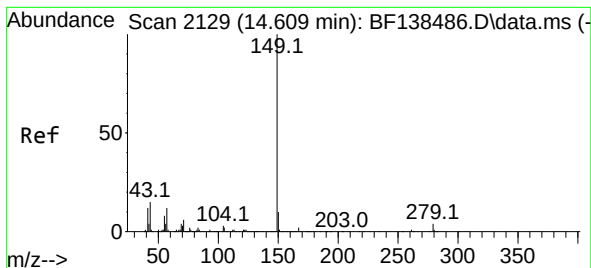
Tgt Ion:228 Resp: 570793
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 19.8 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 82.332 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion:149 Resp: 417978
Ion Ratio Lower Upper
149 100
167 28.2 22.5 33.7
279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 95.943 ng

RT: 14.610 min Scan# 2129

Delta R.T. 0.001 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MS

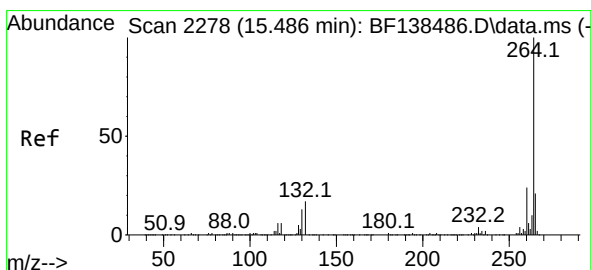
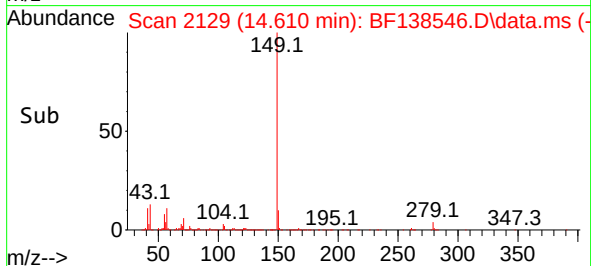
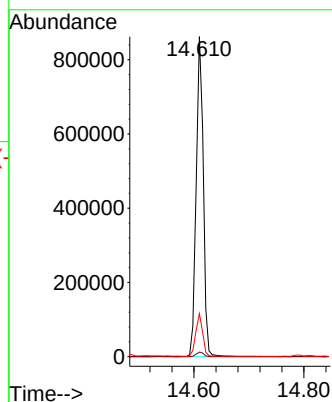
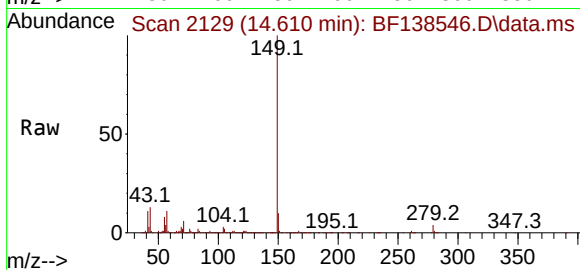
Tgt Ion:149 Resp: 769460

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.9 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2278

Delta R.T. 0.000 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

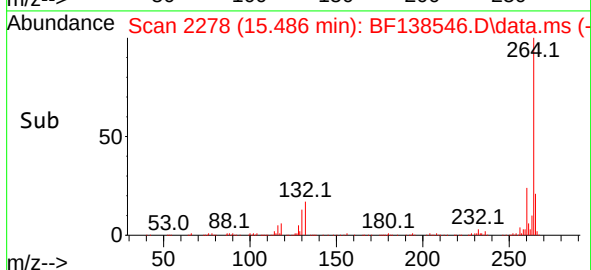
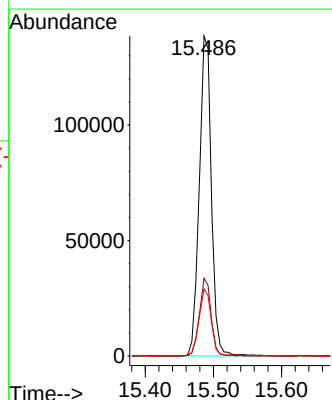
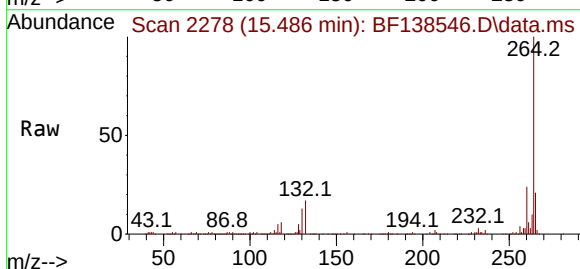
Tgt Ion:264 Resp: 170888

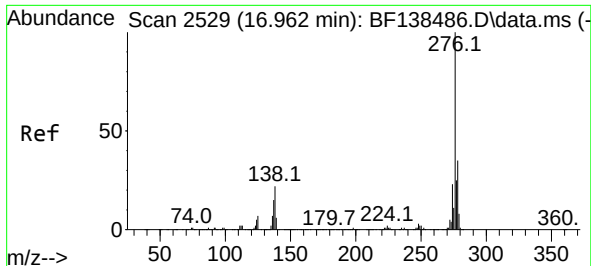
Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 20.9 17.0 25.4

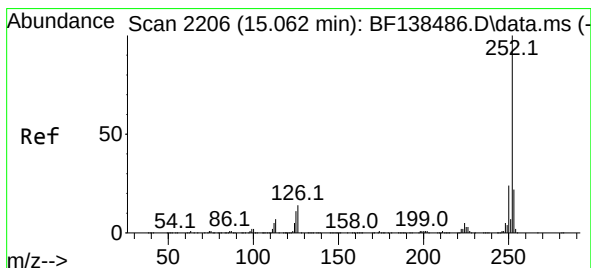
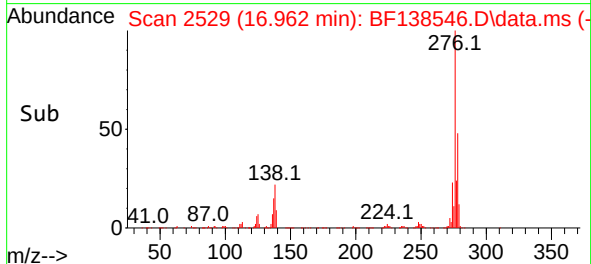
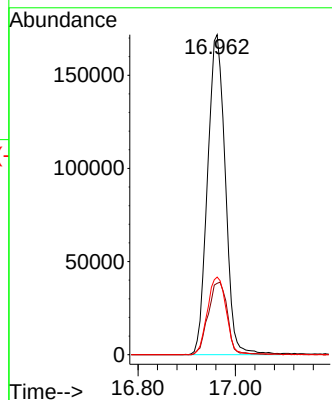
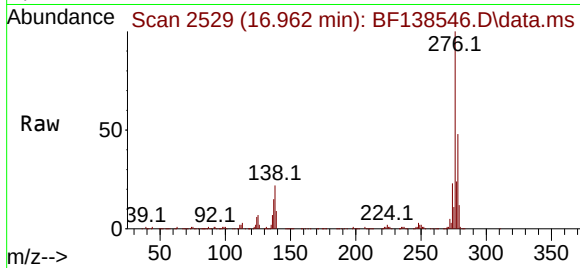




#87
Indeno(1,2,3-cd)pyrene
Concen: 37.784 ng
RT: 16.962 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

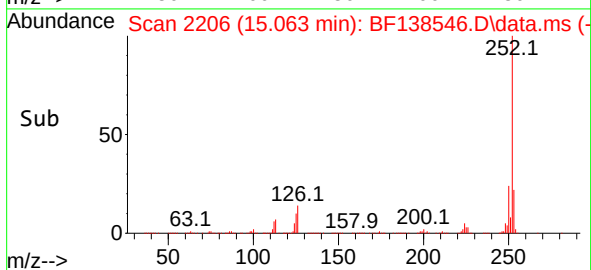
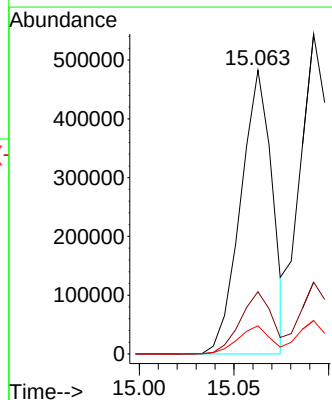
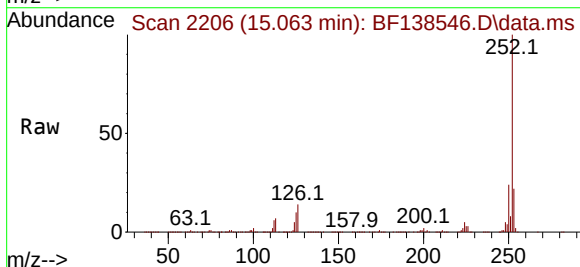
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

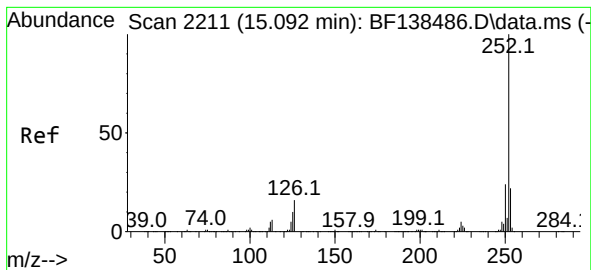
Tgt Ion:276 Resp: 433704
Ion Ratio Lower Upper
276 100
138 24.5 19.6 29.4
277 25.7 20.5 30.7



#88
Benzo(b)fluoranthene
Concen: 58.321 ng
RT: 15.063 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion:252 Resp: 561274
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.9 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 60.924 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138546.D

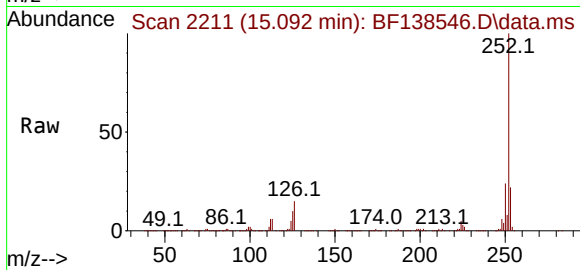
Acq: 12 Jul 2024 15:03

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MS



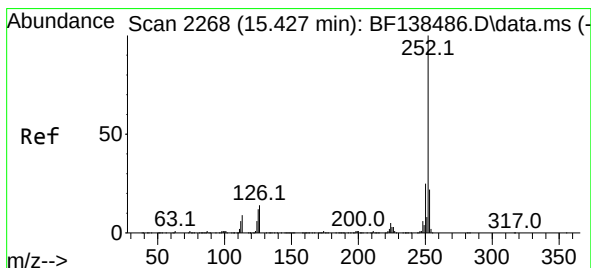
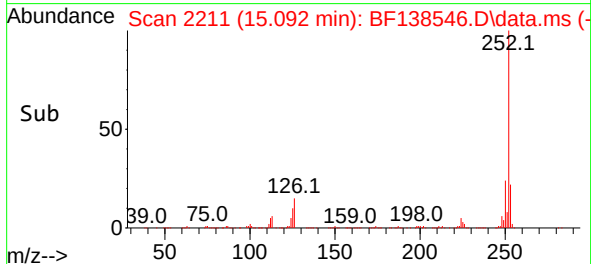
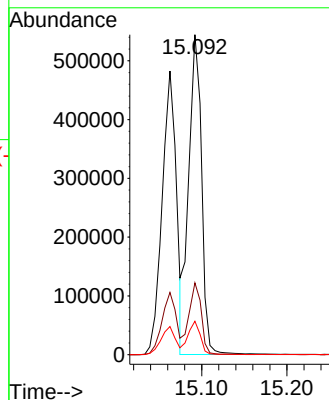
Tgt Ion:252 Resp: 571835

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 10.4 8.1 12.1



#90

Benzo(a)pyrene

Concen: 58.493 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF138546.D

Acq: 12 Jul 2024 15:03

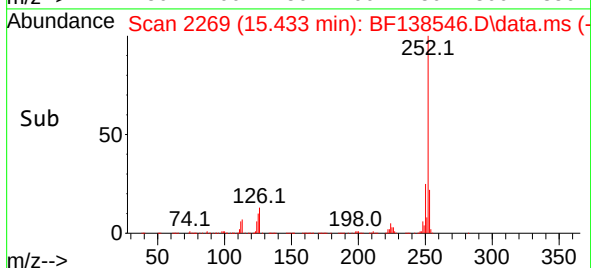
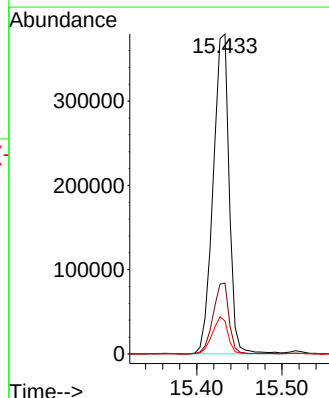
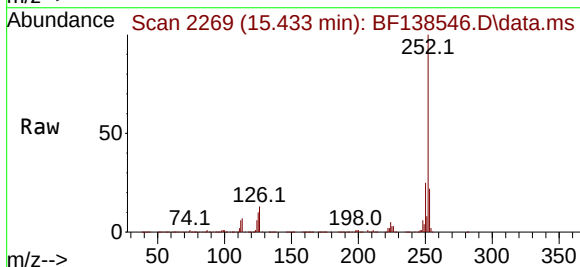
Tgt Ion:252 Resp: 494515

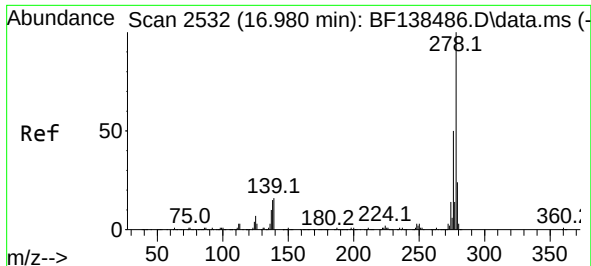
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 10.3 9.4 14.2

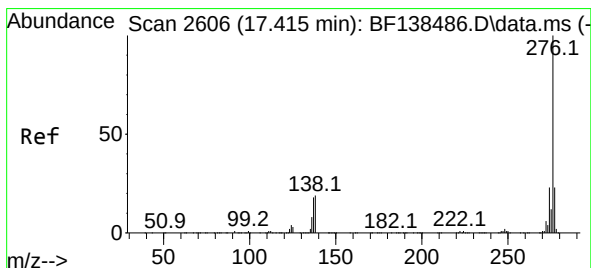
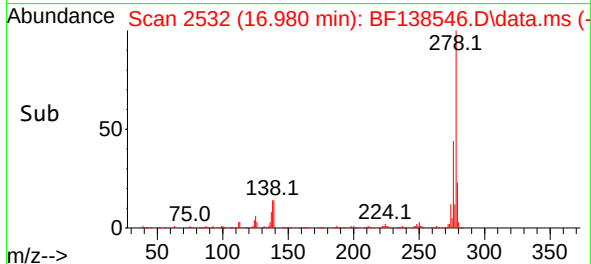
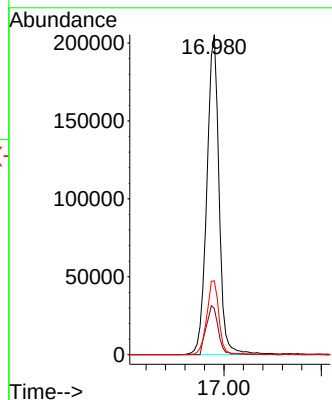
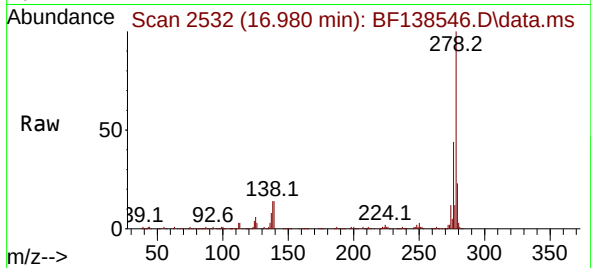




#91
Dibenzo(a,h)anthracene
Concen: 38.043 ng
RT: 16.980 min Scan# 2532
Delta R.T. 0.000 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

Tgt Ion:278 Resp: 357209
Ion Ratio Lower Upper
278 100
139 14.4 12.8 19.2
279 23.1 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 31.719 ng
RT: 17.404 min Scan# 2604
Delta R.T. -0.012 min
Lab File: BF138546.D
Acq: 12 Jul 2024 15:03

Tgt Ion:276 Resp: 315816
Ion Ratio Lower Upper
276 100
277 22.9 18.0 27.0
138 20.7 15.5 23.3

