

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138498.D
 Acq On : 10 Jul 2024 13:26
 Operator : CG\JU
 Sample : PB161976BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161976BS

Quant Time: Jul 10 14:01:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	102881	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	425478	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	233496	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	433814	20.000	ng	0.00
76) Chrysene-d12	14.027	240	225284	20.000	ng	0.00
86) Perylene-d12	15.486	264	188097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	604412	93.044	ng	0.01
7) Phenol-d6	6.504	99	811723	93.932	ng	0.00
23) Nitrobenzene-d5	7.434	82	763359	88.087	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	214367	98.232	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1338549	89.596	ng	0.00
79) Terphenyl-d14	12.974	244	1439937	104.128	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.734	88	111167	38.640	ng	Qvalue
3) Pyridine	3.475	79	286760	40.417	ng	99
4) n-Nitrosodimethylamine	3.451	42	214925	46.534	ng	95
6) Aniline	6.528	93	329965	40.766	ng	95
8) 2-Chlorophenol	6.657	128	342112	49.806	ng	99
9) Benzaldehyde	6.416	77	47558	10.282	ng	98
10) Phenol	6.522	94	446249	48.650	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	332169	48.098	ng	99
12) 1,3-Dichlorobenzene	6.804	146	343492	44.488	ng	97
13) 1,4-Dichlorobenzene	6.887	146	351092	44.780	ng	99
14) 1,2-Dichlorobenzene	7.034	146	338203	46.314	ng	99
15) Benzyl Alcohol	7.010	79	330053	50.892	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	661817	48.731	ng	99
17) 2-Methylphenol	7.128	107	278515	49.475	ng	98
18) Hexachloroethane	7.375	117	134537	46.676	ng	93
19) n-Nitroso-di-n-propyla...	7.281	70	257441	48.213	ng	98
20) 3+4-Methylphenols	7.281	107	337529	47.614	ng	92
22) Acetophenone	7.275	105	460766	44.589	ng	# 95
24) Nitrobenzene	7.451	77	393471	44.680	ng	97
25) Isophorone	7.692	82	718590	48.286	ng	97
26) 2-Nitrophenol	7.763	139	185957	49.267	ng	91
27) 2,4-Dimethylphenol	7.804	122	309780	66.777	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	418132	47.012	ng	99
29) 2,4-Dichlorophenol	8.010	162	289094	47.989	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	310472	44.240	ng	99
31) Naphthalene	8.169	128	1001508	45.259	ng	100
32) Benzoic acid	7.945	122	209650	47.383	ng	99
33) 4-Chloroaniline	8.216	127	220738	28.430	ng	99
34) Hexachlorobutadiene	8.281	225	183650	42.497	ng	98
35) Caprolactam	8.598	113	51235	26.356	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	321217	47.628	ng	99
37) 2-Methylnaphthalene	8.863	142	648476	45.538	ng	99
38) 1-Methylnaphthalene	8.963	142	605387	43.560	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	296665	45.587	ng	98
41) Hexachlorocyclopentadiene	9.010	237	363418	172.051	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	204405	49.241	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138498.D
 Acq On : 10 Jul 2024 13:26
 Operator : CG\JU
 Sample : PB161976BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

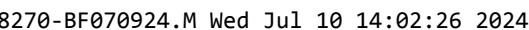
Instrument :
 BNA_F
 ClientSampleId :
 PB161976BS

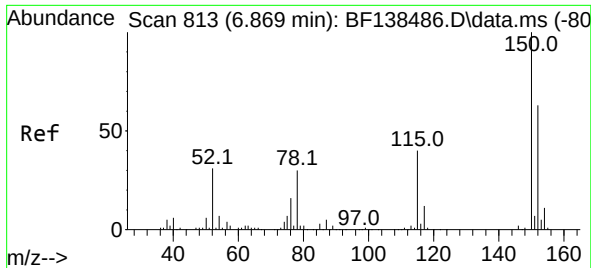
Quant Time: Jul 10 14:01:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	214146	46.903	ng	97
46) 1,1'-Biphenyl	9.328	154	819414	46.307	ng	99
47) 2-Chloronaphthalene	9.351	162	610848	45.694	ng	99
48) 2-Nitroaniline	9.451	65	232573	50.205	ng	96
49) Acenaphthylene	9.769	152	934732	49.249	ng	100
50) Dimethylphthalate	9.628	163	758506	50.238	ng	100
51) 2,6-Dinitrotoluene	9.692	165	169776	48.838	ng	92
52) Acenaphthene	9.939	154	602752	47.776	ng	99
53) 3-Nitroaniline	9.863	138	124625	34.977	ng	98
54) 2,4-Dinitrophenol	9.969	184	198070	104.636	ng	96
55) Dibenzofuran	10.110	168	875292	47.832	ng	99
56) 4-Nitrophenol	10.033	139	290780	110.605	ng	99
57) 2,4-Dinitrotoluene	10.098	165	223255	49.635	ng	97
58) Fluorene	10.451	166	684406	47.268	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	190331	52.821	ng	99
60) Diethylphthalate	10.328	149	719493	49.432	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	342234	47.070	ng	97
62) 4-Nitroaniline	10.480	138	174732	48.939	ng	99
63) Azobenzene	10.604	77	759343	48.524	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	134385	53.649	ng	82
66) n-Nitrosodiphenylamine	10.563	169	605401	46.579	ng	97
67) 4-Bromophenyl-phenylether	10.933	248	206152	46.235	ng	98
68) Hexachlorobenzene	10.998	284	224880	45.399	ng	99
69) Atrazine	11.092	200	213310	49.501	ng	96
70) Pentachlorophenol	11.198	266	261747	89.301	ng	97
71) Phenanthrene	11.416	178	1033902	47.174	ng	99
72) Anthracene	11.469	178	1037095	47.670	ng	99
73) Carbazole	11.622	167	921022	47.108	ng	99
74) Di-n-butylphthalate	11.945	149	1099519	48.789	ng	100
75) Fluoranthene	12.598	202	1049619	46.934	ng	97
77) Benzidine	12.721	184	163136	28.702	ng	99
78) Pyrene	12.827	202	1063431	46.500	ng	98
80) Butylbenzylphthalate	13.445	149	378548	55.025	ng	96
81) Benzo(a)anthracene	14.015	228	722059	47.766	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	163724	42.033	ng	99
83) Chrysene	14.051	228	663387	46.390	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	413883	56.409	ng	99
85) Di-n-octyl phthalate	14.610	149	537673	46.388	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	668604	52.919	ng	99
88) Benzo(b)fluoranthene	15.063	252	541573	51.125	ng	98
89) Benzo(k)fluoranthene	15.092	252	506447	49.021	ng	97
90) Benzo(a)pyrene	15.427	252	463665	49.827	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	550857	53.299	ng	99
92) Benzo(g,h,i)perylene	17.409	276	559905	51.089	ng	95

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

Quant Time: Jul 10 14:01:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

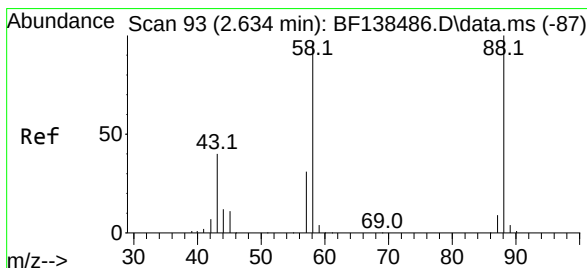
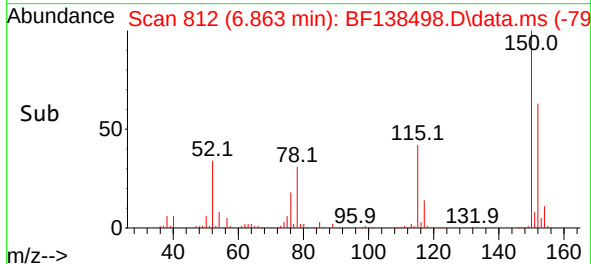
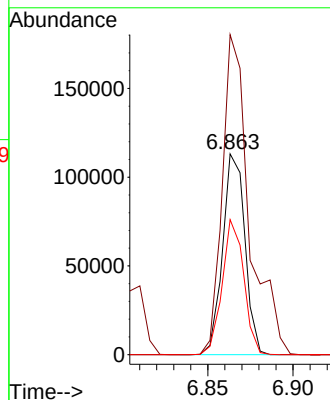
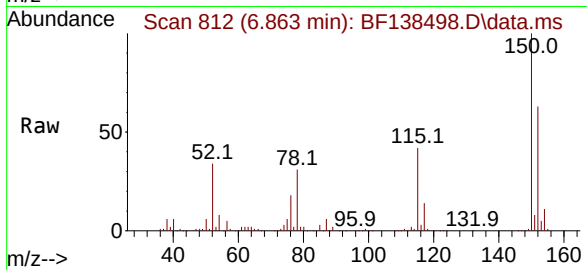




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

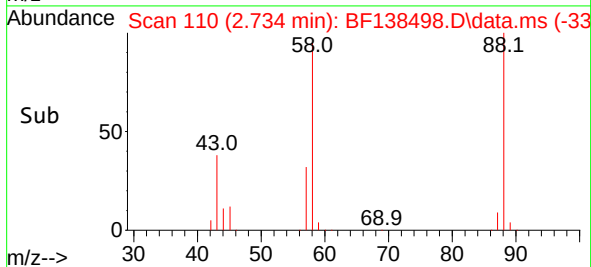
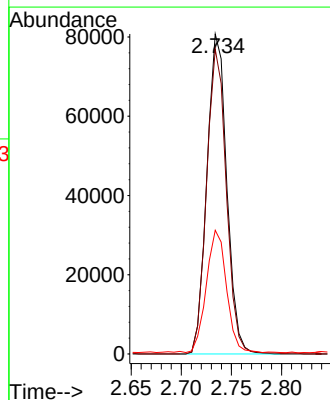
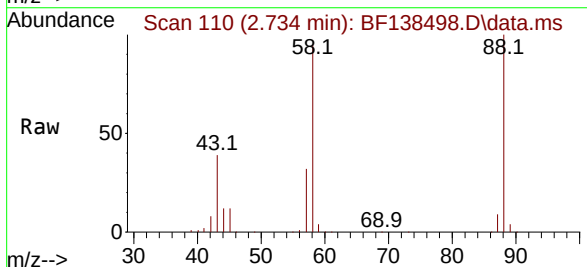
Instrument :
BNA_F
ClientSampleId :
PB161976BS

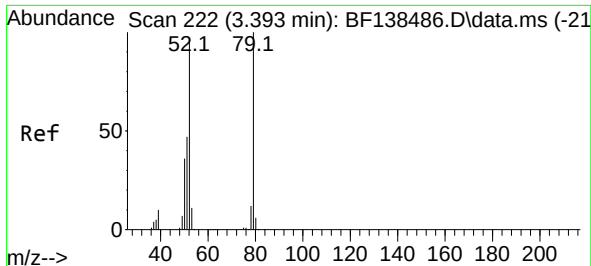
Tgt Ion:152 Resp: 102881
Ion Ratio Lower Upper
152 100
150 159.3 126.2 189.4
115 67.2 50.3 75.5



#2
1,4-Dioxane
Concen: 38.640 ng
RT: 2.734 min Scan# 110
Delta R.T. 0.100 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion: 88 Resp: 111167
Ion Ratio Lower Upper
88 100
58 94.8 74.6 112.0
43 39.3 31.8 47.6





#3

Pyridine

Concen: 40.417 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS

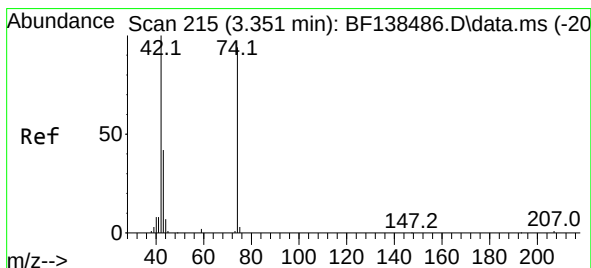
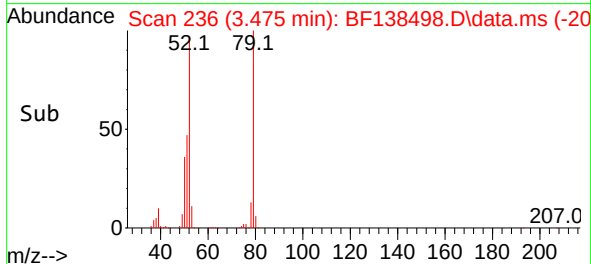
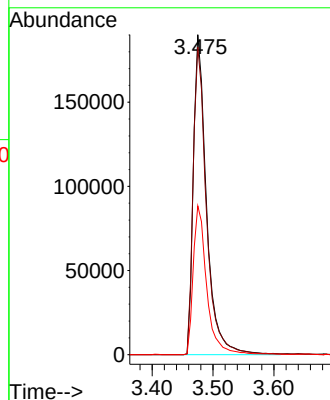
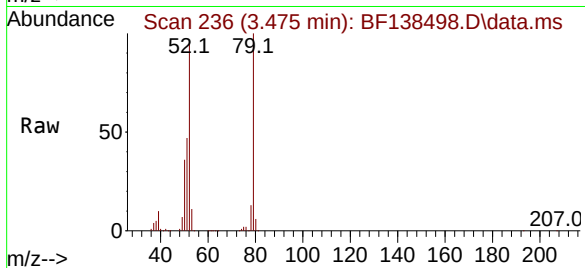
Tgt Ion: 79 Resp: 286760

Ion Ratio Lower Upper

79 100

52 96.2 77.4 116.2

51 46.5 37.4 56.0



#4

n-Nitrosodimethylamine

Concen: 46.534 ng

RT: 3.451 min Scan# 232

Delta R.T. 0.100 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

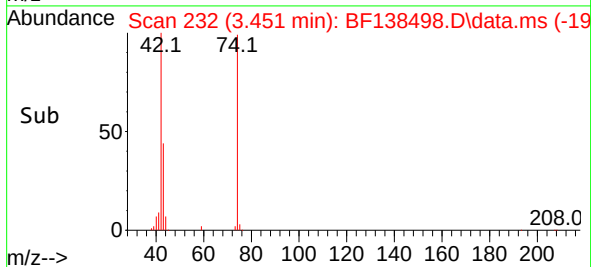
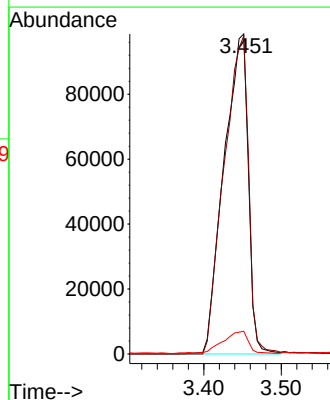
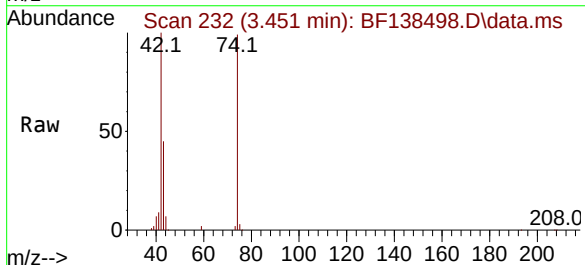
Tgt Ion: 42 Resp: 214925

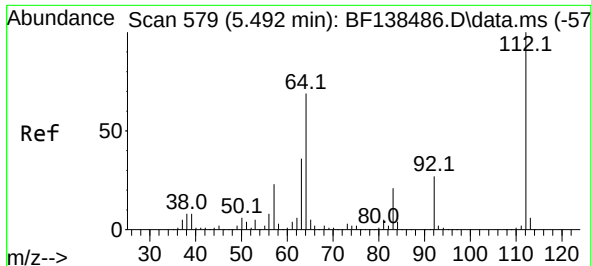
Ion Ratio Lower Upper

42 100

74 99.3 75.0 112.6

44 7.1 5.4 8.2

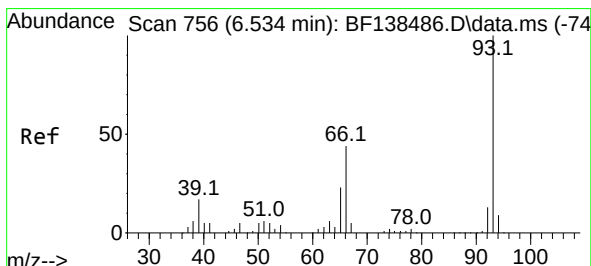
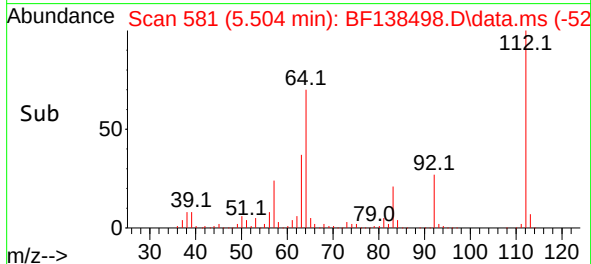
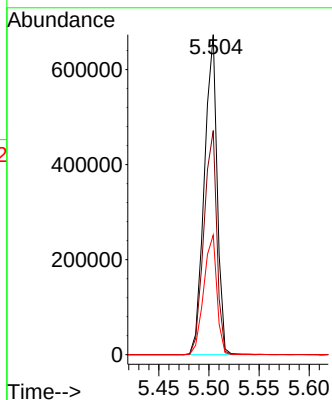
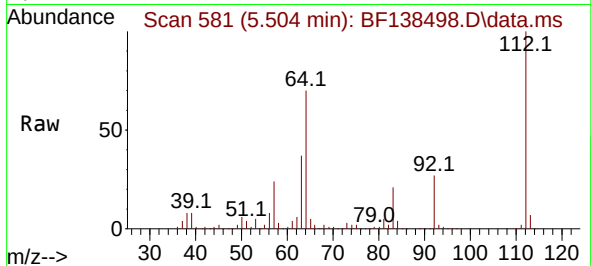




#5
2-Fluorophenol
Concen: 93.044 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

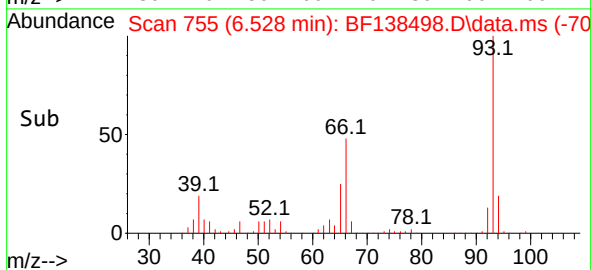
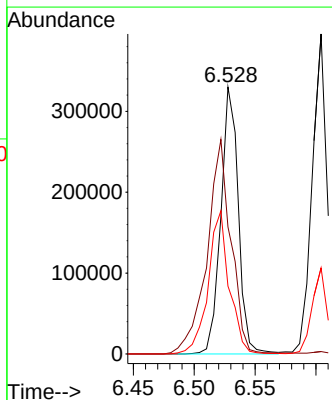
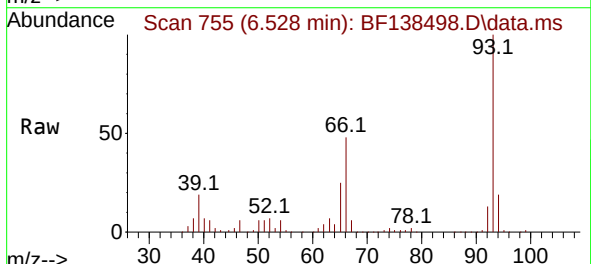
Instrument :
BNA_F
ClientSampleId :
PB161976BS

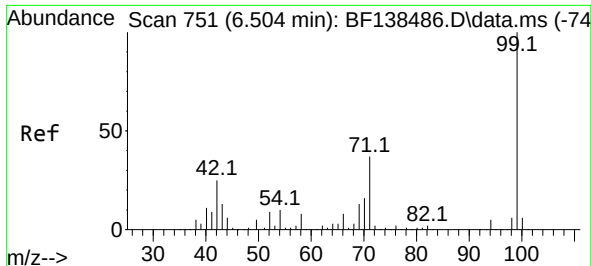
Tgt Ion:112 Resp: 604412
Ion Ratio Lower Upper
112 100
64 70.1 55.1 82.7
63 37.4 29.0 43.6



#6
Aniline
Concen: 40.766 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion: 93 Resp: 329965
Ion Ratio Lower Upper
93 100
66 47.6 35.4 53.0
65 25.4 18.6 27.8

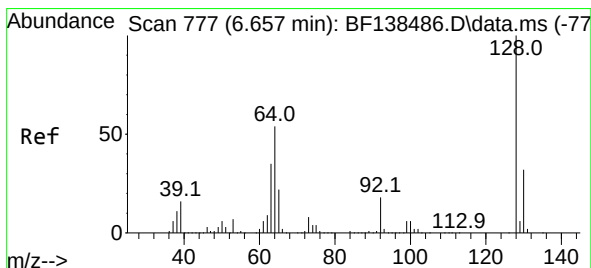
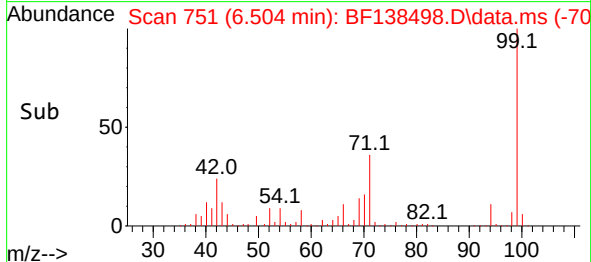
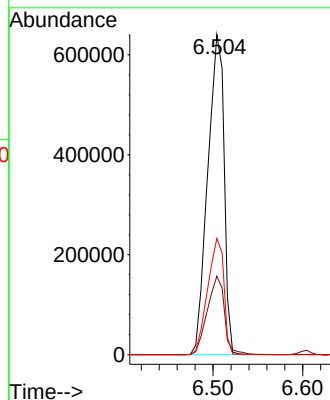
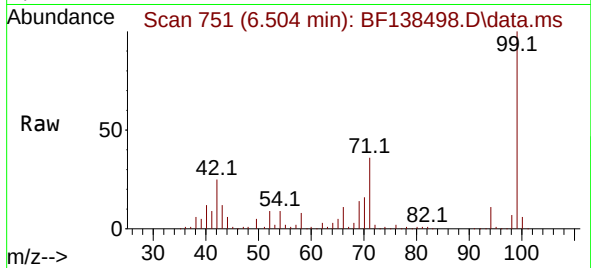




#7
Phenol-d6
Concen: 93.932 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

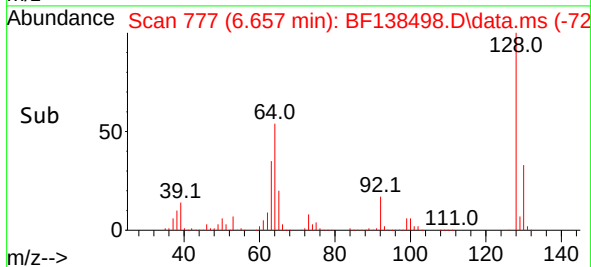
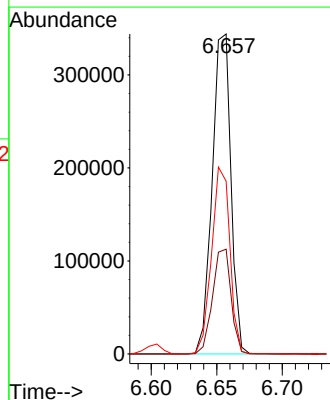
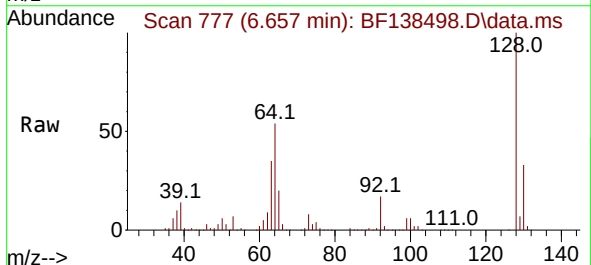
Instrument :
BNA_F
ClientSampleId :
PB161976BS

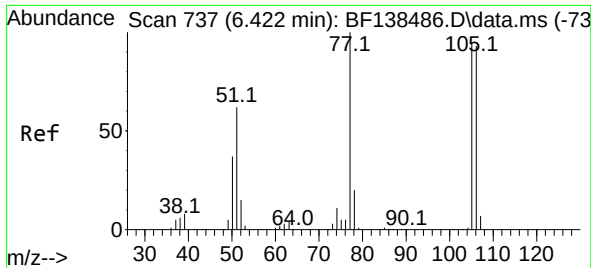
Tgt Ion: 99 Resp: 811723
Ion Ratio Lower Upper
99 100
42 24.5 19.7 29.5
71 36.3 29.9 44.9



#8
2-Chlorophenol
Concen: 49.806 ng
RT: 6.657 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:128 Resp: 342112
Ion Ratio Lower Upper
128 100
130 32.7 12.1 52.1
64 54.0 34.4 74.4





#9

Benzaldehyde

Concen: 10.282 ng

RT: 6.416 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS

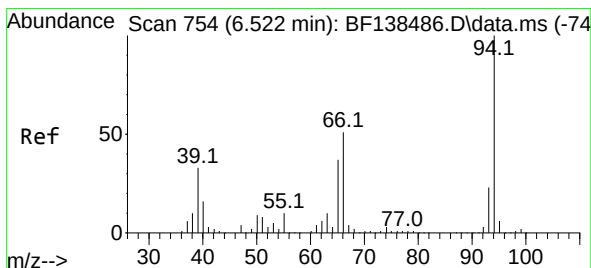
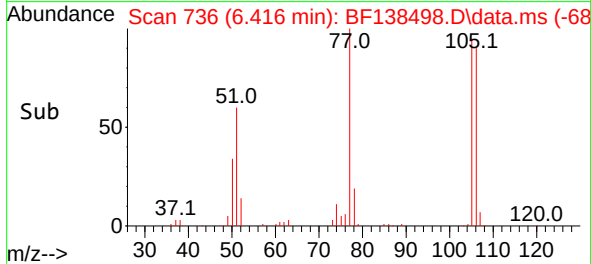
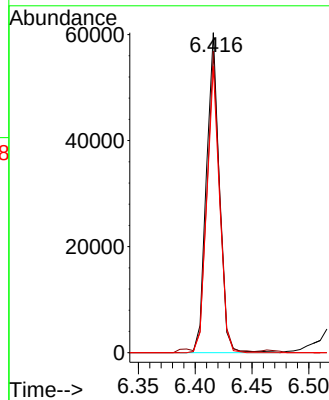
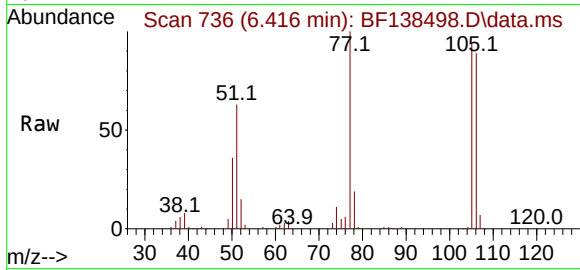
Tgt Ion: 77 Resp: 47558

Ion Ratio Lower Upper

77 100

105 94.2 75.1 115.1

106 89.5 73.2 113.2



#10

Phenol

Concen: 48.650 ng

RT: 6.522 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

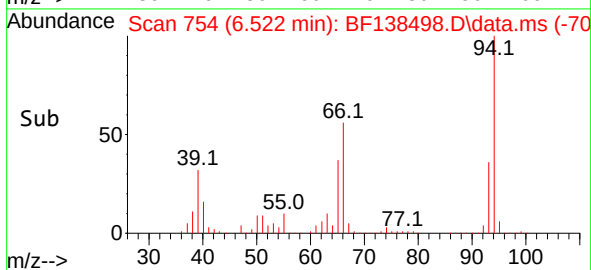
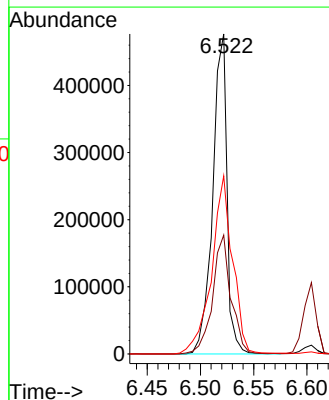
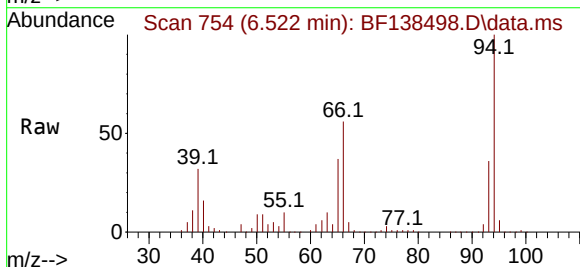
Tgt Ion: 94 Resp: 446249

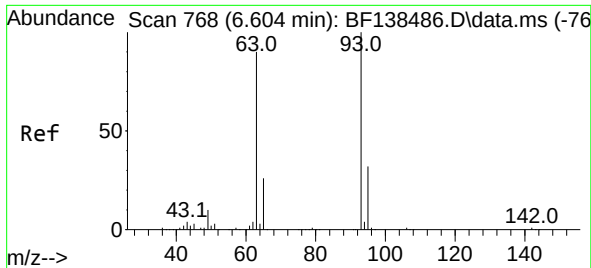
Ion Ratio Lower Upper

94 100

65 37.2 16.7 56.7

66 55.6 31.2 71.2



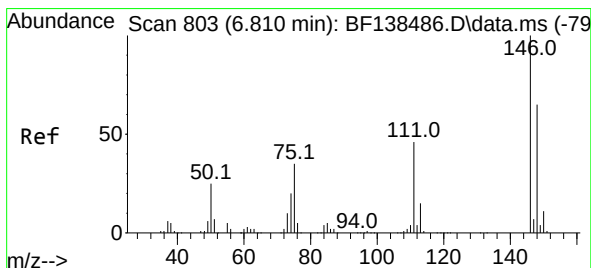
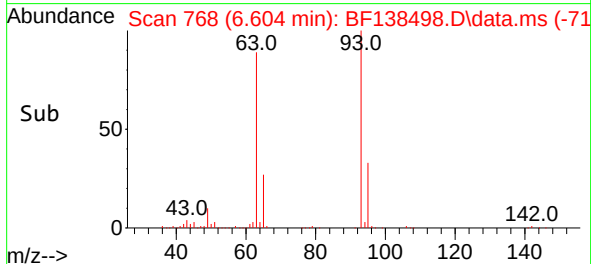
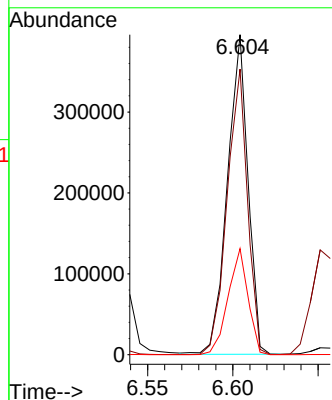
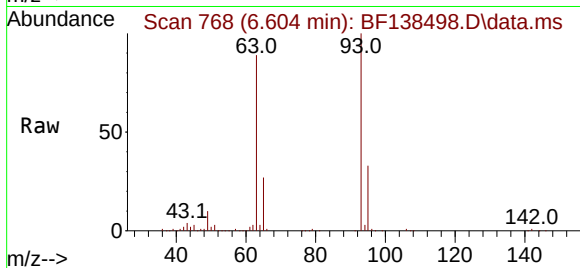


#11
bis(2-Chloroethyl)ether
Concen: 48.098 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :
BNA_F
ClientSampleId :
PB161976BS

Tgt Ion: 93 Resp: 332169

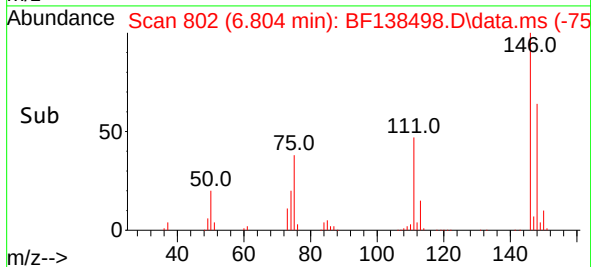
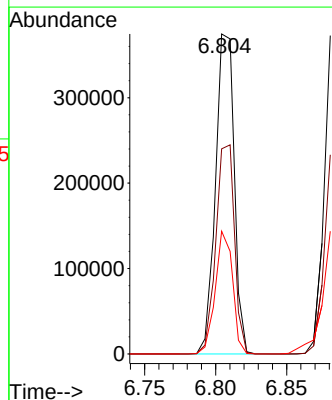
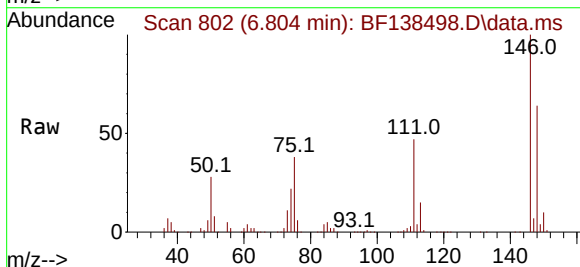
Ion	Ratio	Lower	Upper
93	100		
63	89.3	68.8	108.8
95	33.2	11.8	51.8

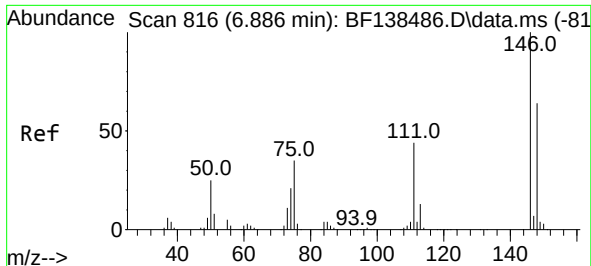


#12
1,3-Dichlorobenzene
Concen: 44.488 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion: 146 Resp: 343492

Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.4	78.6
75	38.3	27.8	41.8

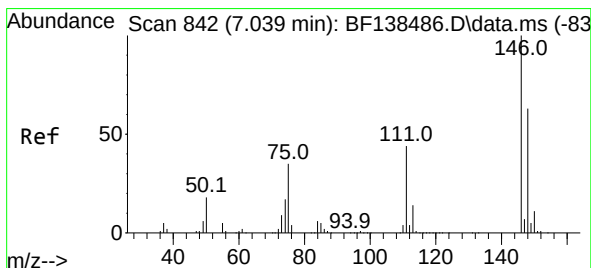
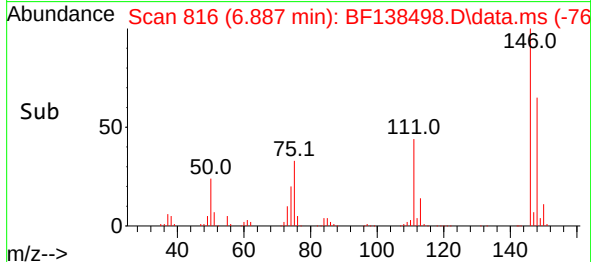
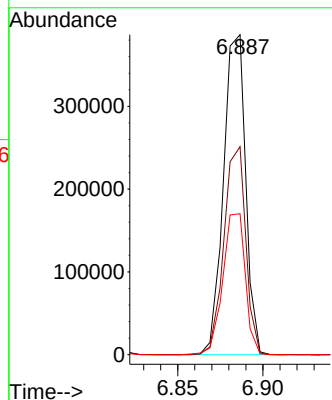
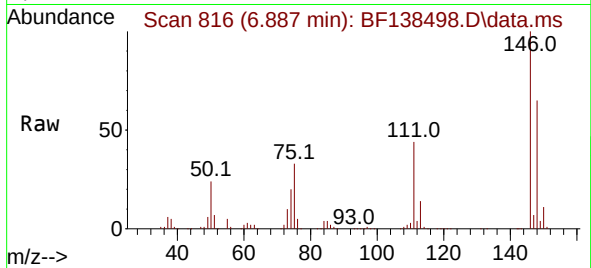




#13
1,4-Dichlorobenzene
Concen: 44.780 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

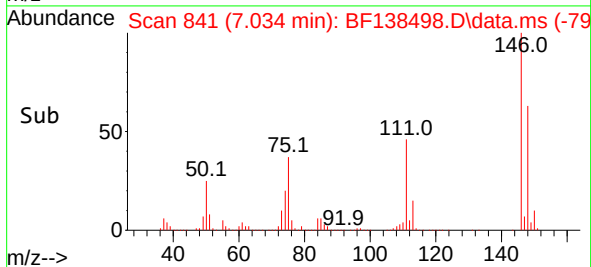
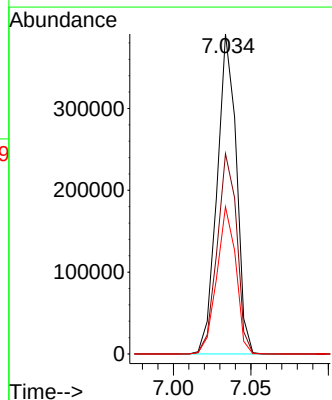
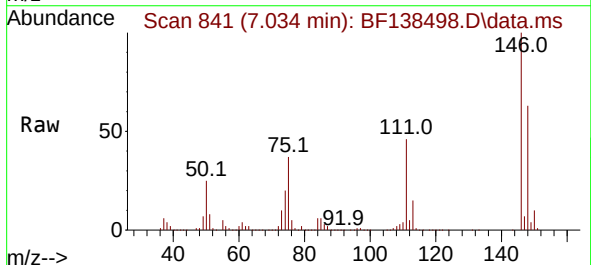
Instrument :
BNA_F
ClientSampleId :
PB161976BS

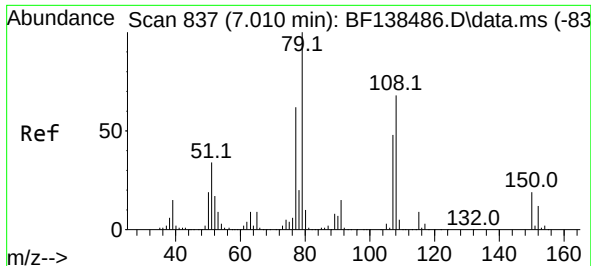
Tgt Ion:146 Resp: 351092
Ion Ratio Lower Upper
146 100
148 65.0 51.6 77.4
111 44.1 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 46.314 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:146 Resp: 338203
Ion Ratio Lower Upper
146 100
148 62.6 50.1 75.1
111 46.0 35.5 53.3

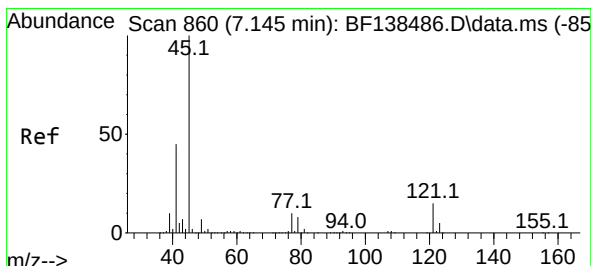
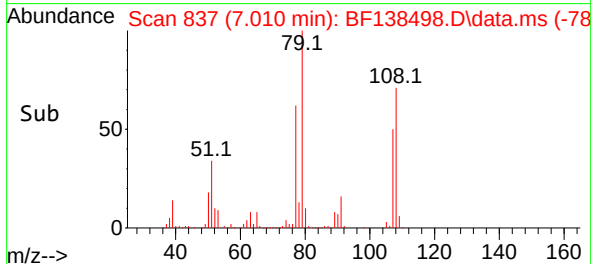
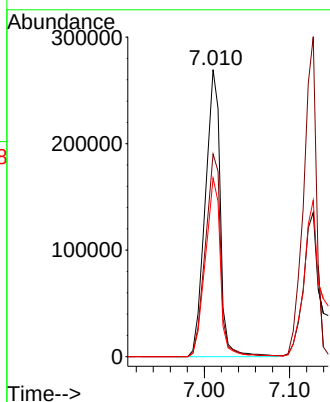
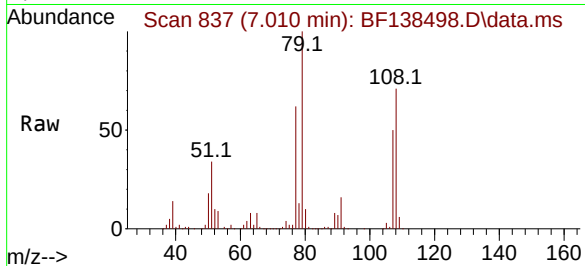




#15
Benzyl Alcohol
Concen: 50.892 ng
RT: 7.010 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

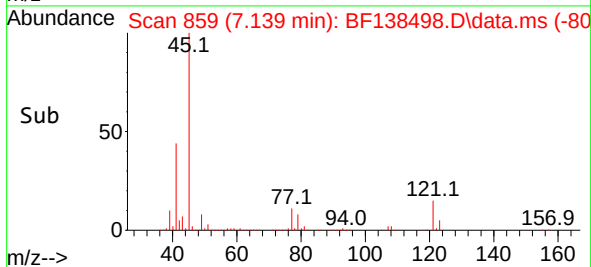
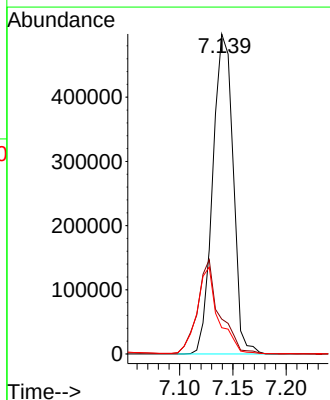
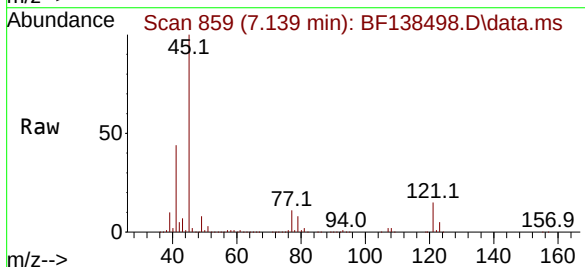
Instrument :
BNA_F
ClientSampleId :
PB161976BS

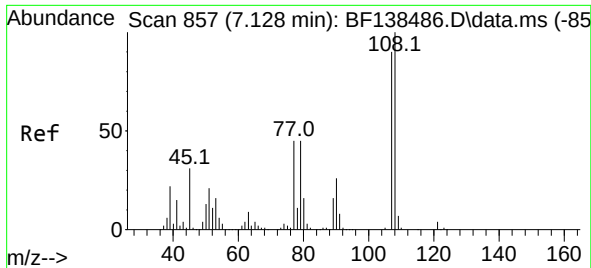
Tgt Ion: 79 Resp: 330053
Ion Ratio Lower Upper
79 100
108 70.6 54.3 81.5
77 62.2 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.731 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion: 45 Resp: 661817
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.4
79 8.2 0.0 28.1

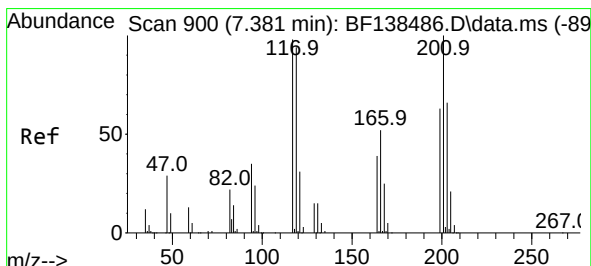
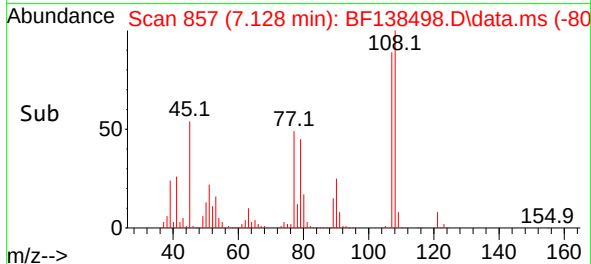
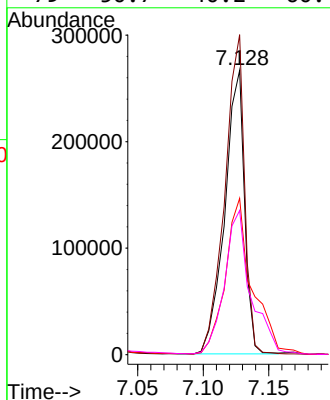
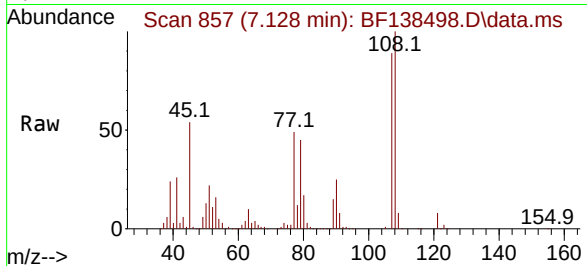




#17
2-Methylphenol
Concen: 49.475 ng
RT: 7.128 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

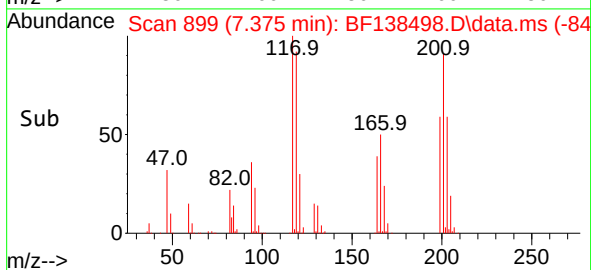
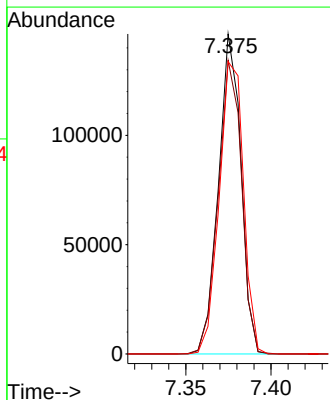
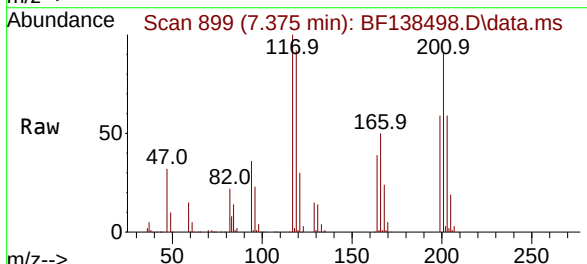
Instrument :
BNA_F
ClientSampleId :
PB161976BS

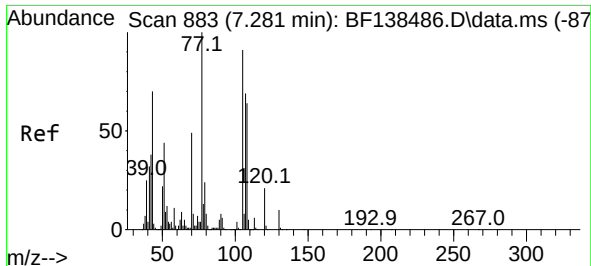
Tgt Ion:	107	Resp:	278515
Ion	Ratio	Lower	Upper
107	100		
108	112.5	89.0	133.4
77	55.0	40.3	60.5
79	50.7	40.2	60.4



#18
Hexachloroethane
Concen: 46.676 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:	117	Resp:	134537
Ion	Ratio	Lower	Upper
117	100		
119	91.7	76.6	114.8
201	91.3	81.4	122.0

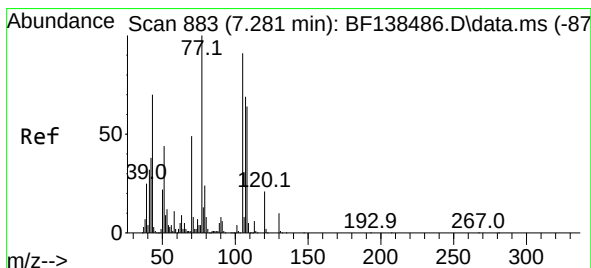
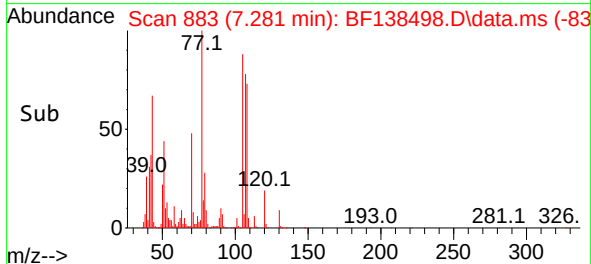
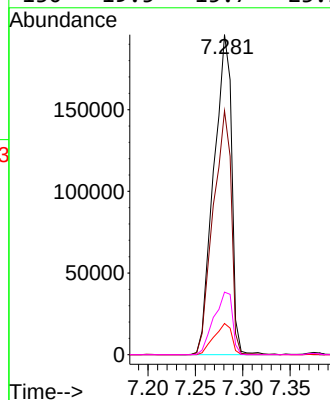
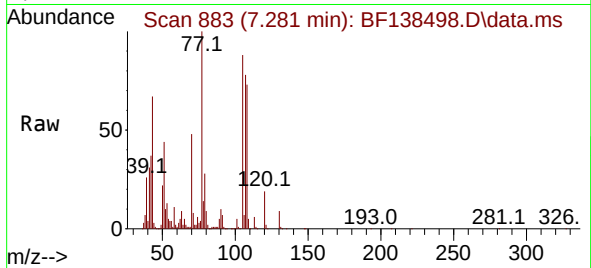




#19
n-Nitroso-di-n-propylamine
Concen: 48.213 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

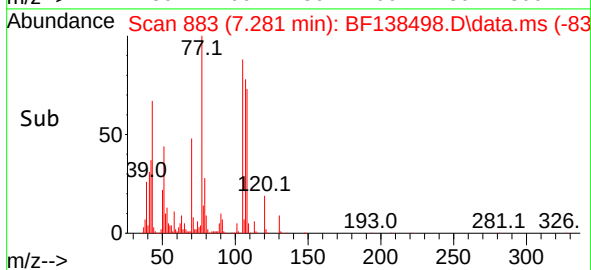
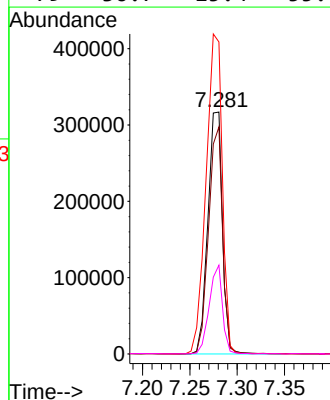
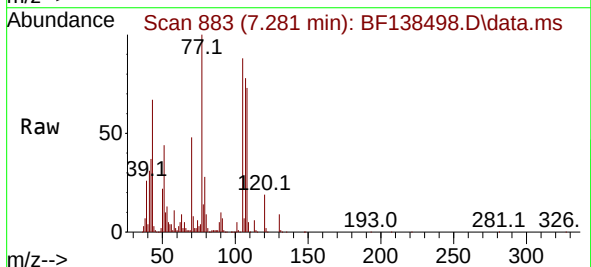
Instrument :
BNA_F
ClientSampleId :
PB161976BS

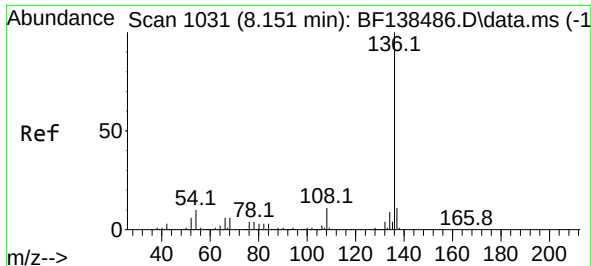
Tgt Ion: 70 Resp: 257441
Ion Ratio Lower Upper
70 100
42 76.2 62.4 93.6
101 9.8 7.2 10.8
130 19.5 15.7 23.5



#20
3+4-Methylphenols
Concen: 47.614 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion: 107 Resp: 337529
Ion Ratio Lower Upper
107 100
108 93.9 73.7 113.7
77 129.0 126.0 166.0
79 36.7 15.4 55.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

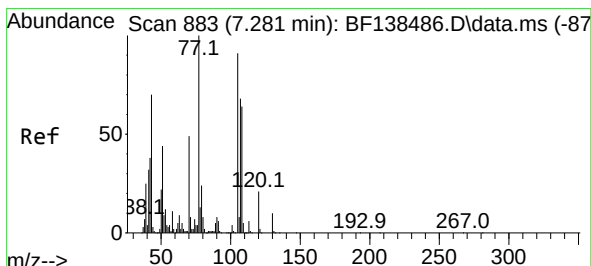
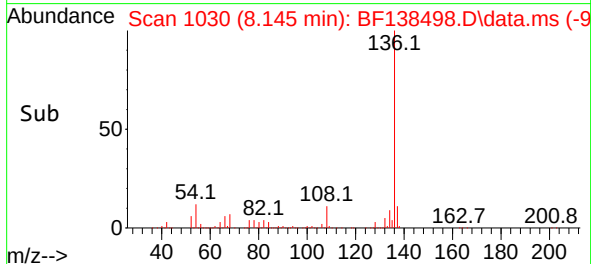
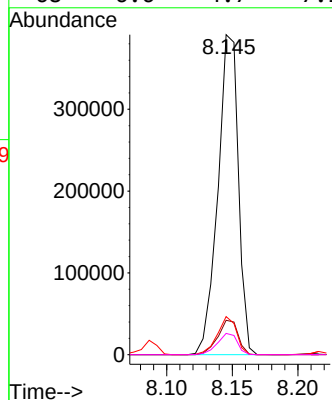
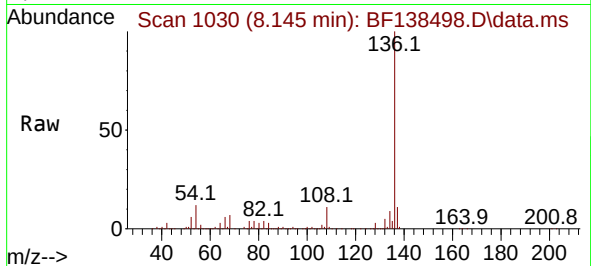
Instrument :

BNA_F

ClientSampleId :

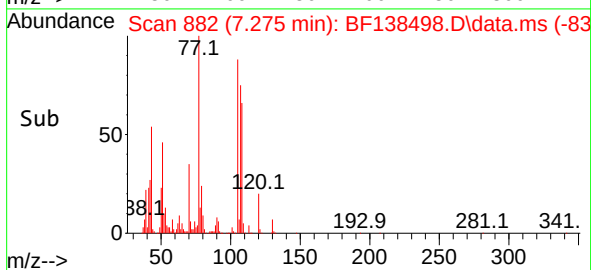
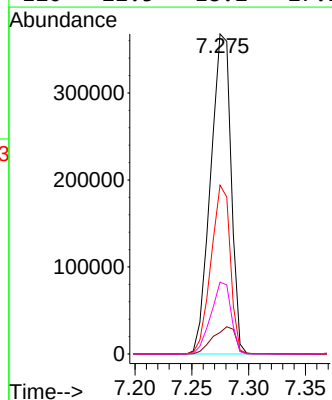
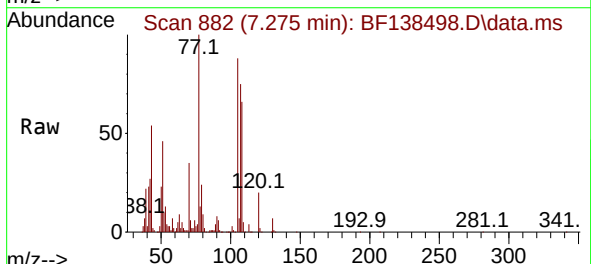
PB161976BS

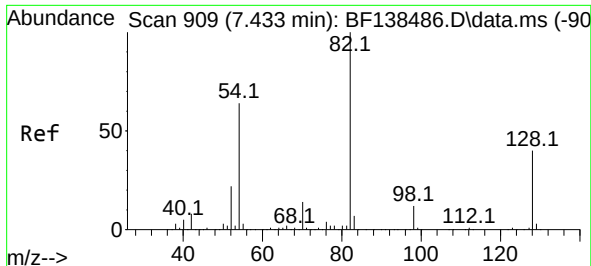
Tgt Ion:136 Resp: 425478
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 11.9 8.1 12.1
68 6.6 4.7 7.1



#22
Acetophenone
Concen: 44.589 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:105 Resp: 460766
Ion Ratio Lower Upper
105 100
71 6.7 7.4 11.2#
51 52.7 38.7 58.1
120 22.5 18.2 27.2

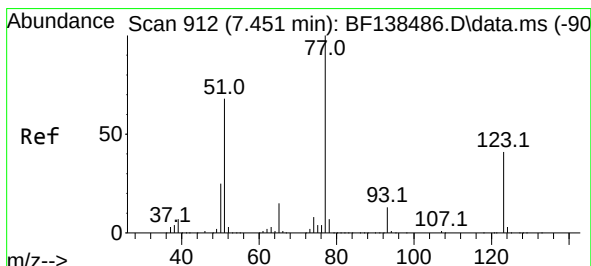
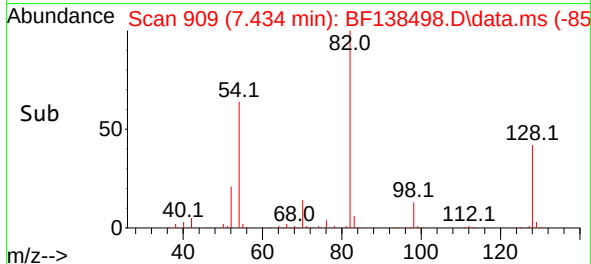
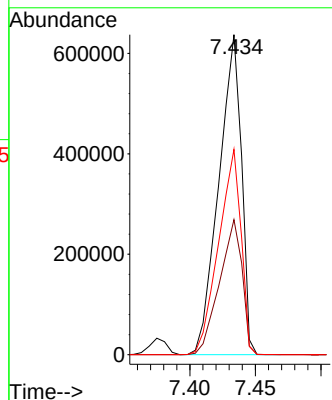
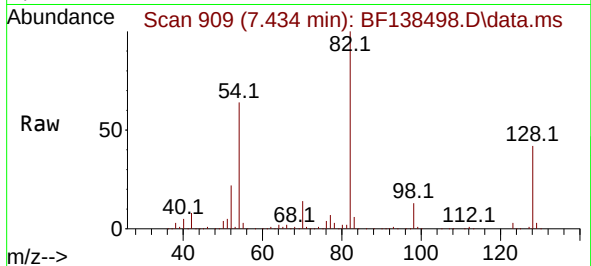




#23
Nitrobenzene-d5
Concen: 88.087 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

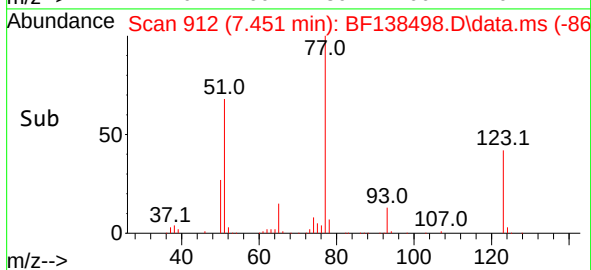
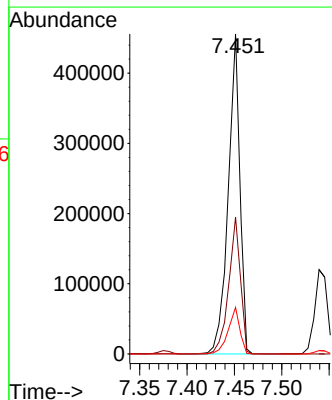
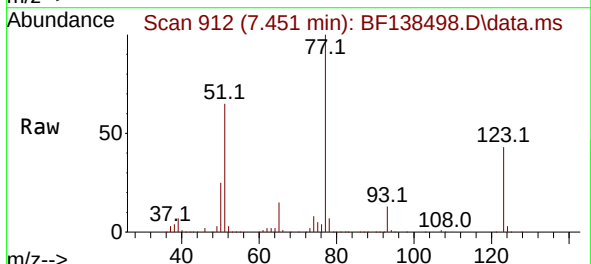
Instrument :
BNA_F
ClientSampleId :
PB161976BS

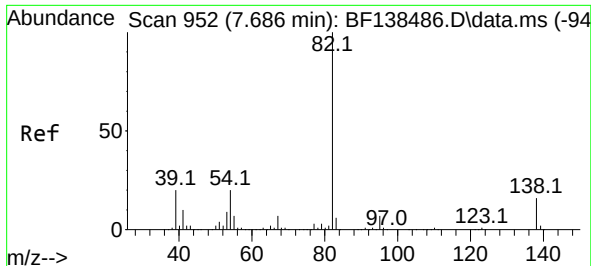
Tgt Ion: 82 Resp: 763359
Ion Ratio Lower Upper
82 100
128 42.2 32.3 48.5
54 64.1 51.4 77.0



#24
Nitrobenzene
Concen: 44.680 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion: 77 Resp: 393471
Ion Ratio Lower Upper
77 100
123 42.8 32.4 48.6
65 14.5 11.8 17.8

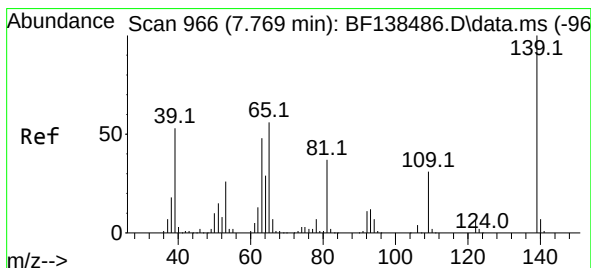
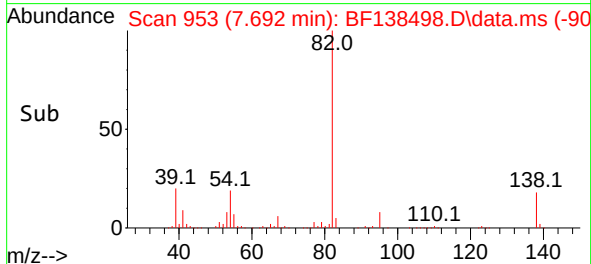
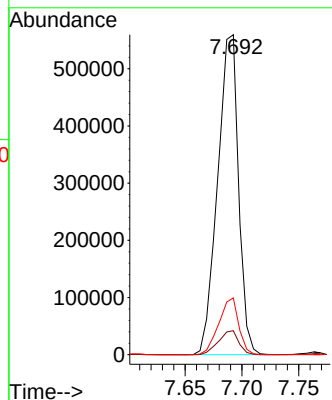
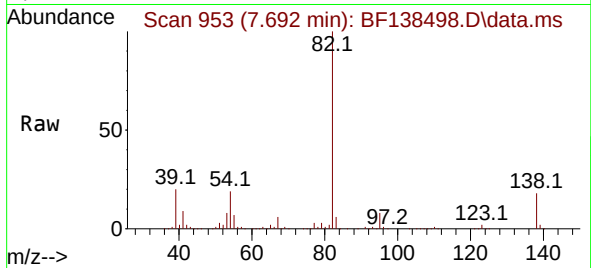




#25
Isophorone
Concen: 48.286 ng
RT: 7.692 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

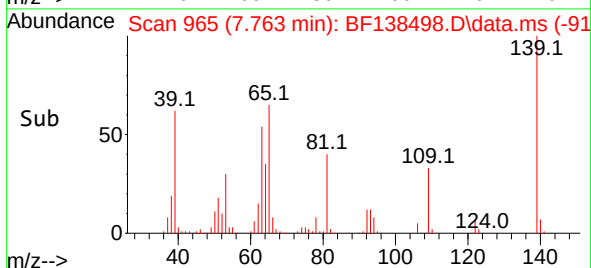
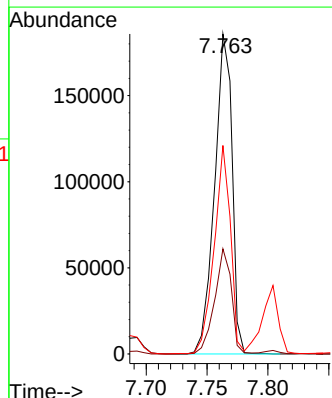
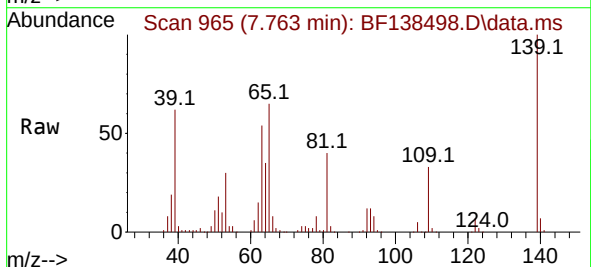
Instrument :
BNA_F
ClientSampleId :
PB161976BS

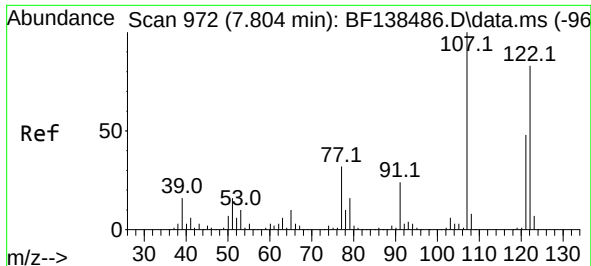
Tgt Ion: 82 Resp: 718590
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 17.8 12.8 19.2



#26
2-Nitrophenol
Concen: 49.267 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:139 Resp: 185957
Ion Ratio Lower Upper
139 100
109 32.8 24.8 37.2
65 65.2 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 66.777 ng

RT: 7.804 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS

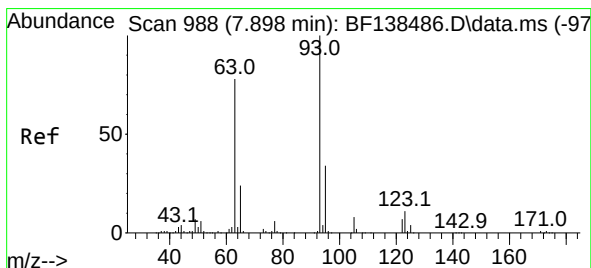
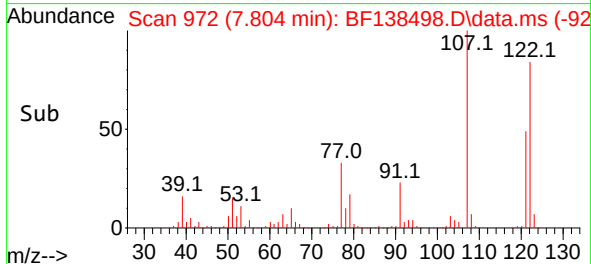
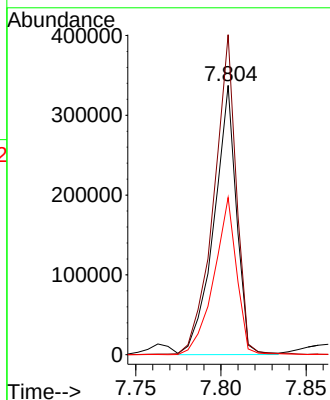
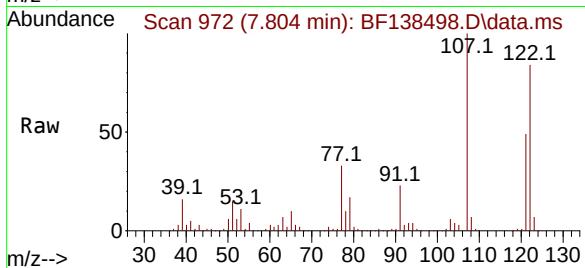
Tgt Ion:122 Resp: 309780

Ion Ratio Lower Upper

122 100

107 118.9 96.3 144.5

121 58.4 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 47.012 ng

RT: 7.898 min Scan# 988

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

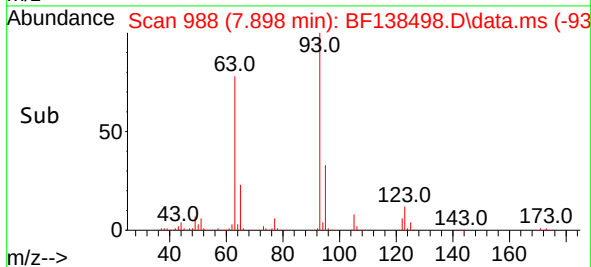
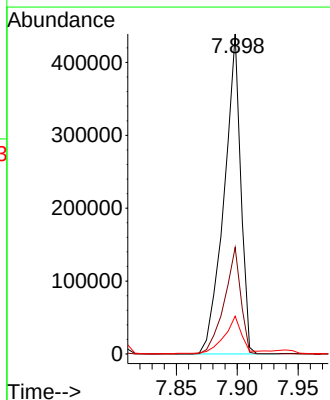
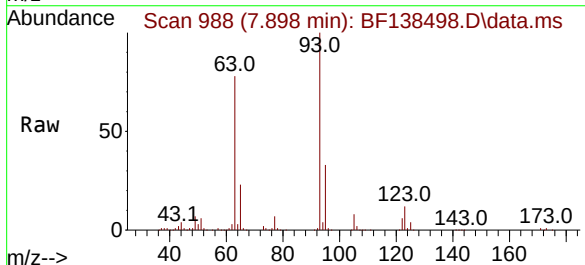
Tgt Ion: 93 Resp: 418132

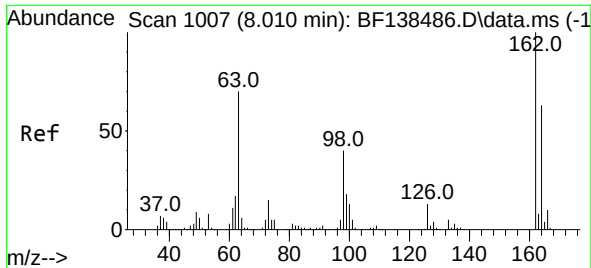
Ion Ratio Lower Upper

93 100

95 33.3 27.0 40.6

123 11.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 47.989 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS

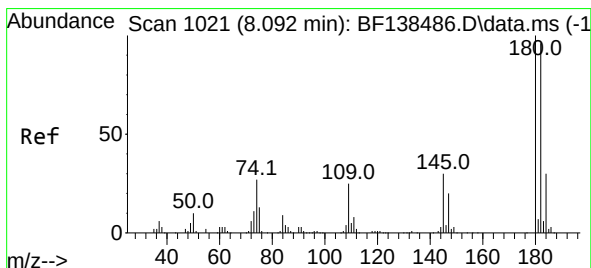
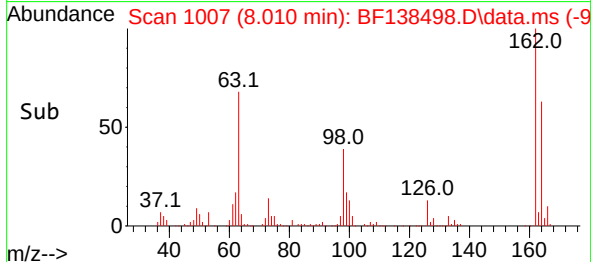
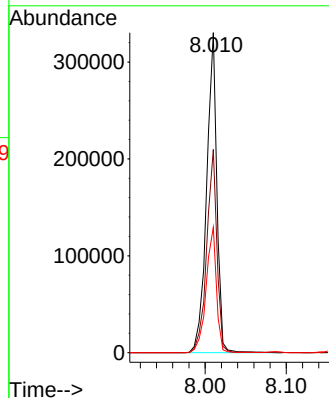
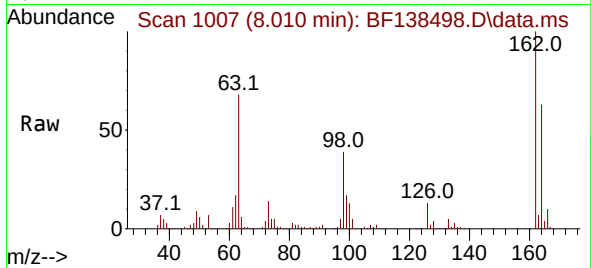
Tgt Ion:162 Resp: 289094

Ion Ratio Lower Upper

162 100

164 63.5 42.6 82.6

98 39.2 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 44.240 ng

RT: 8.086 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

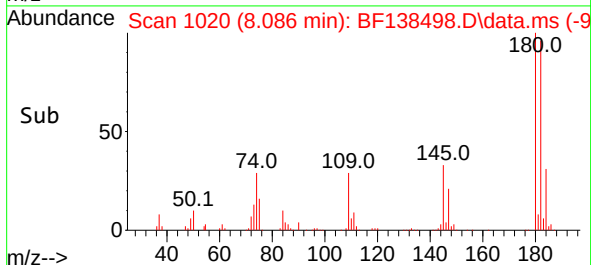
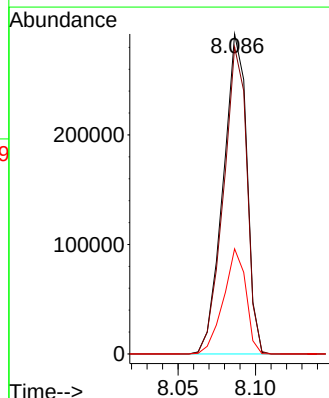
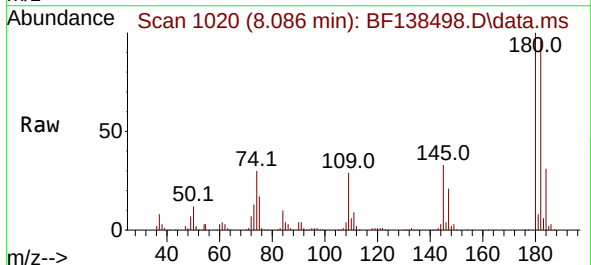
Tgt Ion:180 Resp: 310472

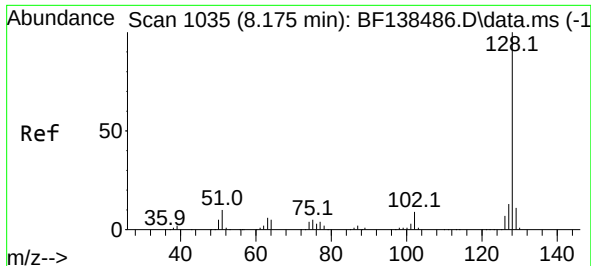
Ion Ratio Lower Upper

180 100

182 95.9 76.9 115.3

145 32.9 23.9 35.9

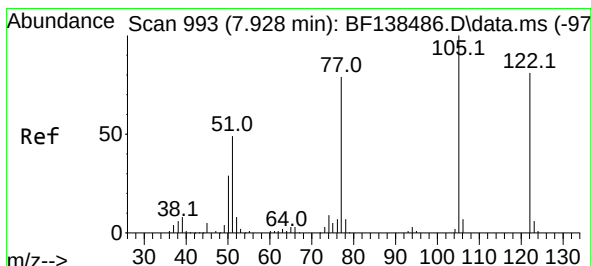
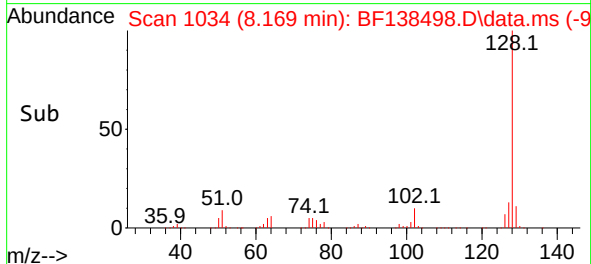
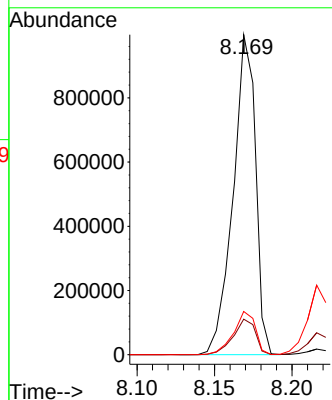
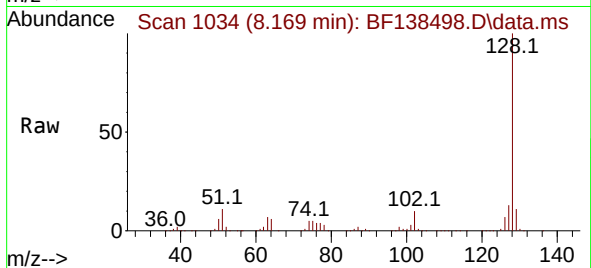




#31
Naphthalene
Concen: 45.259 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

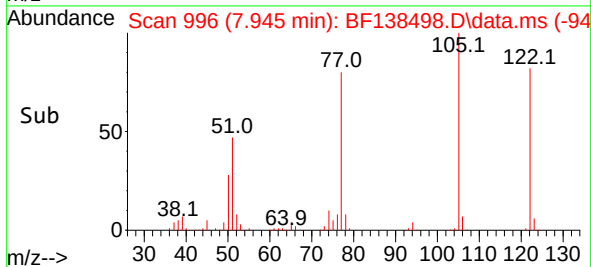
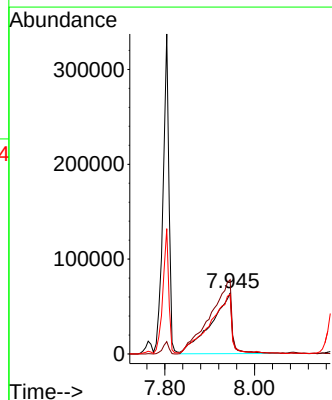
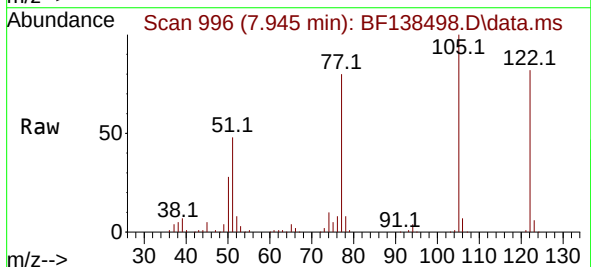
Instrument :
BNA_F
ClientSampleId :
PB161976BS

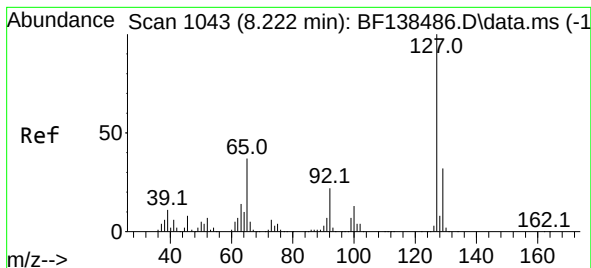
Tgt Ion:128 Resp: 1001508
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 47.383 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.018 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:122 Resp: 209650
Ion Ratio Lower Upper
122 100
105 122.5 101.5 141.5
77 98.4 77.3 117.3





#33

4-Chloroaniline

Concen: 28.430 ng

RT: 8.216 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS

Tgt Ion:127 Resp: 220738

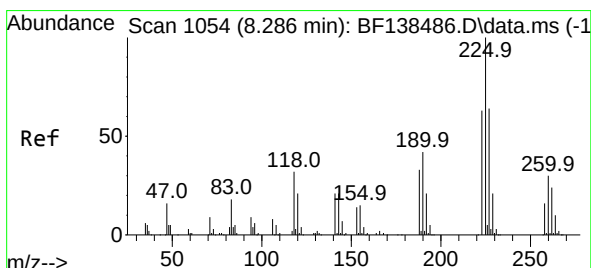
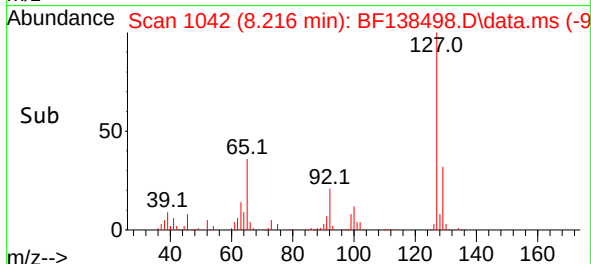
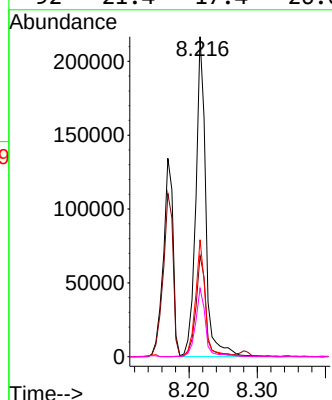
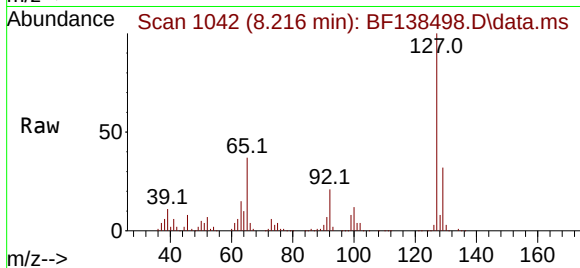
Ion Ratio Lower Upper

127 100

129 31.6 25.6 38.4

65 36.6 29.6 44.4

92 21.4 17.4 26.0



#34

Hexachlorobutadiene

Concen: 42.497 ng

RT: 8.281 min Scan# 1053

Delta R.T. -0.006 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

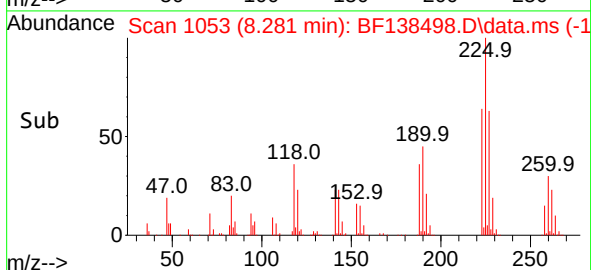
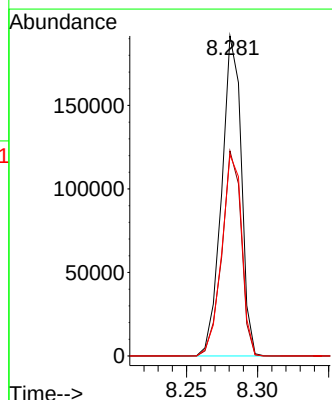
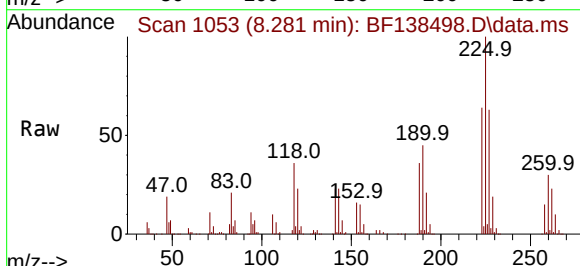
Tgt Ion:225 Resp: 183650

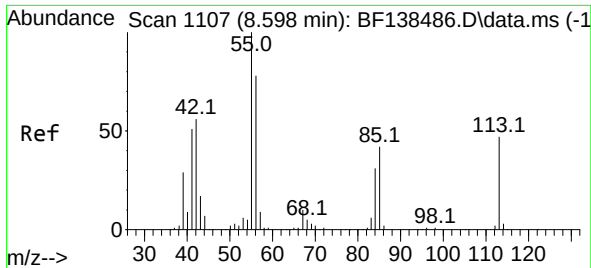
Ion Ratio Lower Upper

225 100

223 64.0 50.0 75.0

227 62.9 51.0 76.6

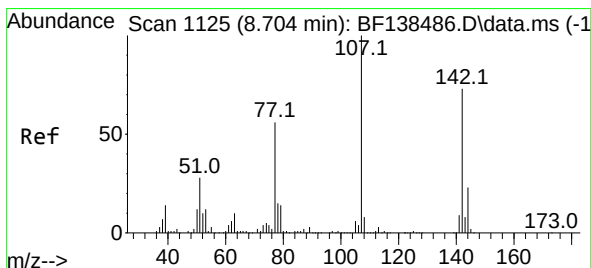
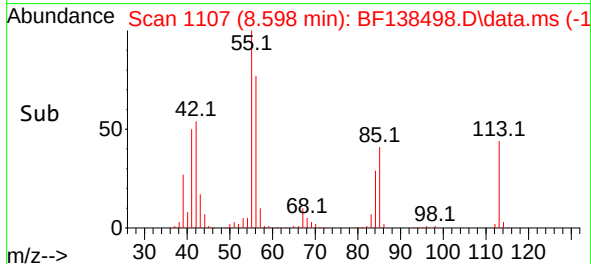
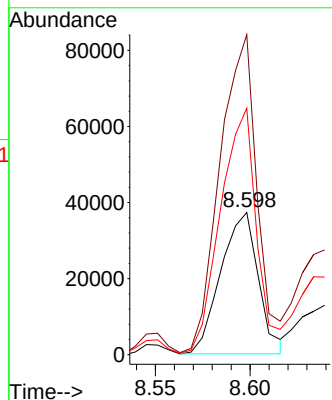
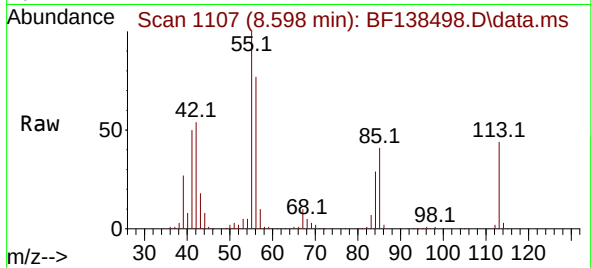




#35
 Caprolactam
 Concen: 26.356 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: BF138498.D
 Acq: 10 Jul 2024 13:26

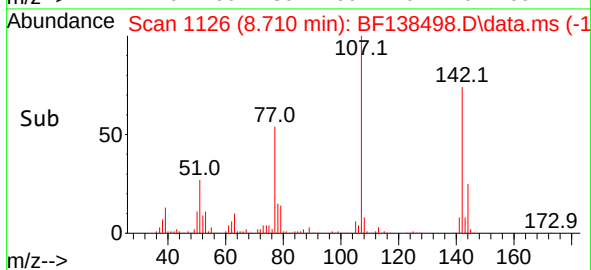
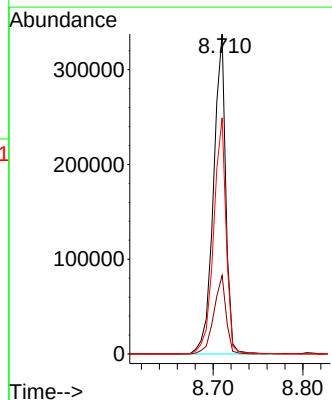
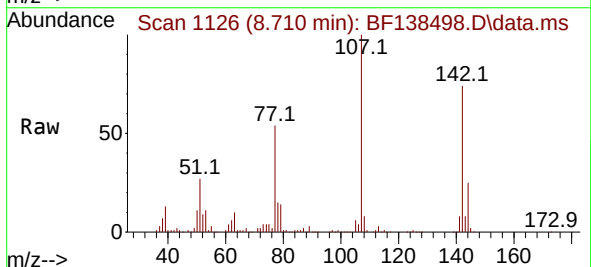
Instrument :
 BNA_F
 ClientSampleId :
 PB161976BS

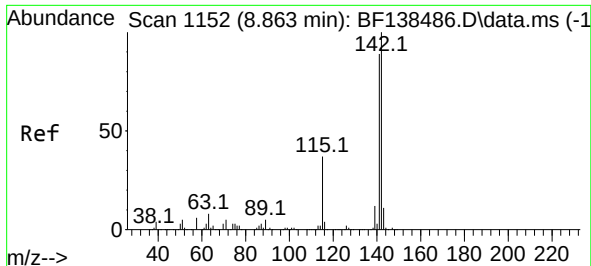
Tgt Ion:113 Resp: 51235
 Ion Ratio Lower Upper
 113 100
 55 225.0 192.5 232.5
 56 173.3 145.3 185.3



#36
 4-Chloro-3-methylphenol
 Concen: 47.628 ng
 RT: 8.710 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF138498.D
 Acq: 10 Jul 2024 13:26

Tgt Ion:107 Resp: 321217
 Ion Ratio Lower Upper
 107 100
 144 24.6 18.6 27.8
 142 73.8 58.6 88.0

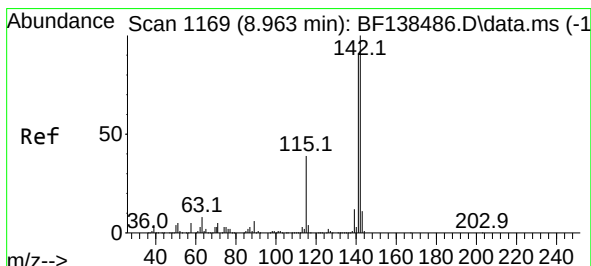
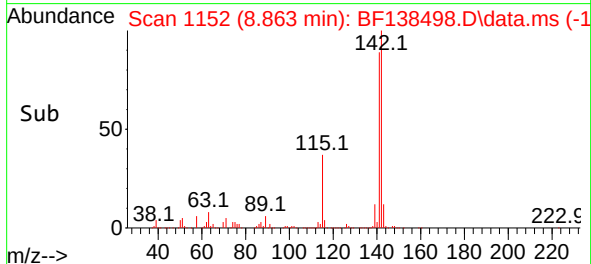
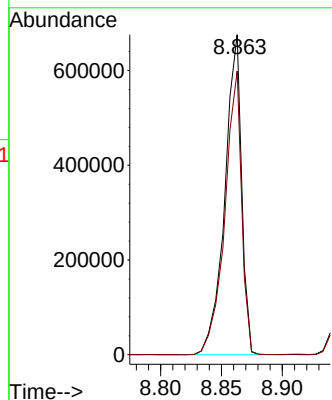
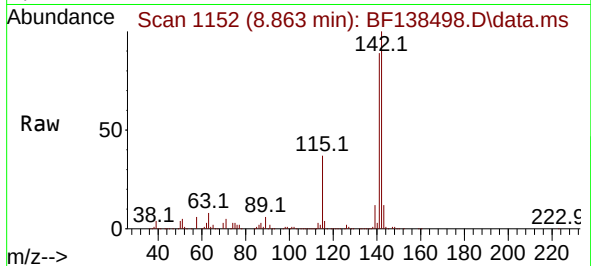




#37
2-Methylnaphthalene
Concen: 45.538 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

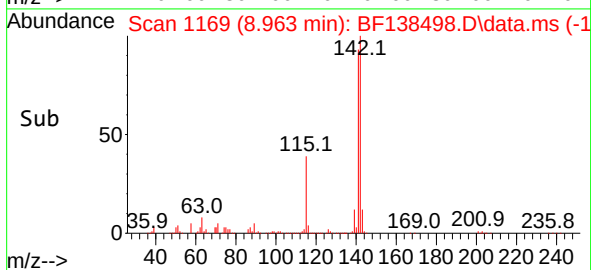
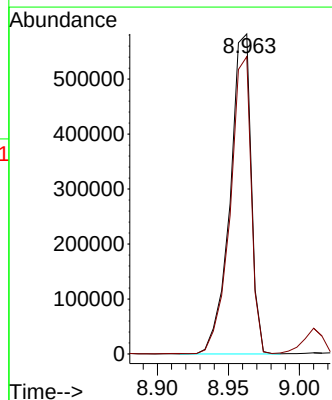
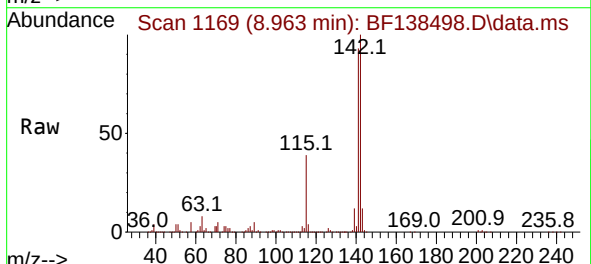
Instrument :
BNA_F
ClientSampleId :
PB161976BS

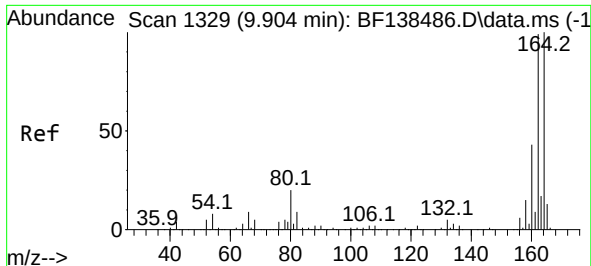
Tgt Ion:142 Resp: 648476
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0



#38
1-Methylnaphthalene
Concen: 43.560 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:142 Resp: 605387
Ion Ratio Lower Upper
142 100
141 92.9 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: BF138498.D

Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS

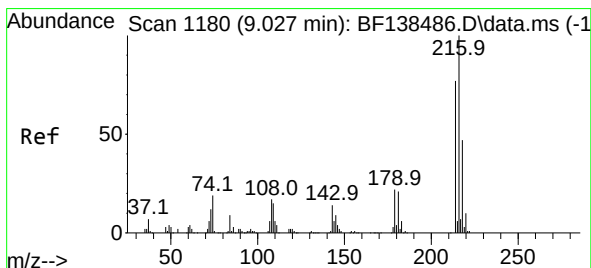
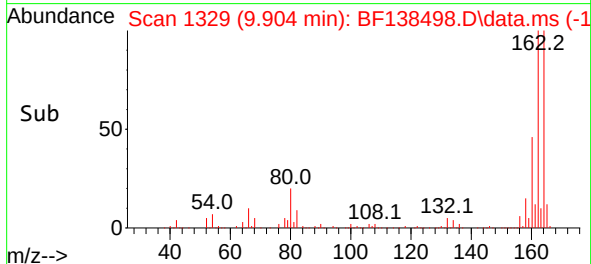
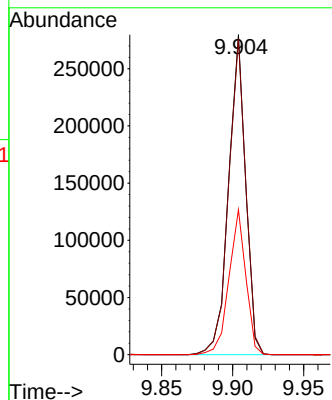
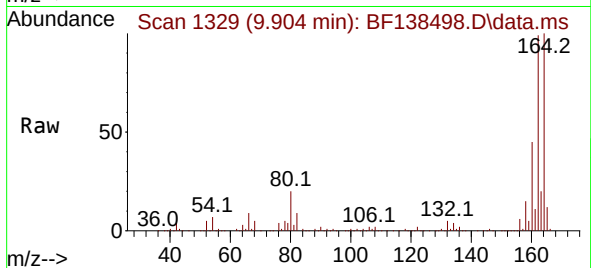
Tgt Ion:164 Resp: 233496

Ion Ratio Lower Upper

164 100

162 98.7 79.0 118.6

160 45.3 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.587 ng

RT: 9.028 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Tgt Ion:216 Resp: 296665

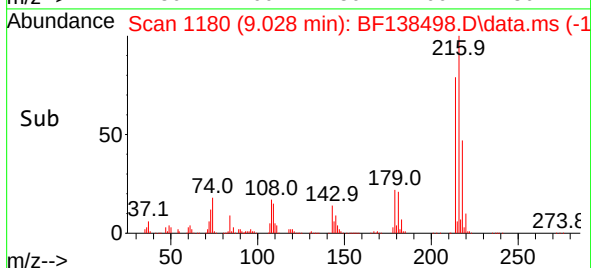
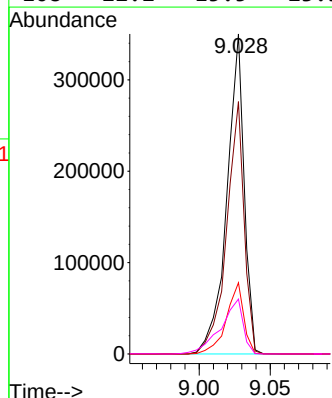
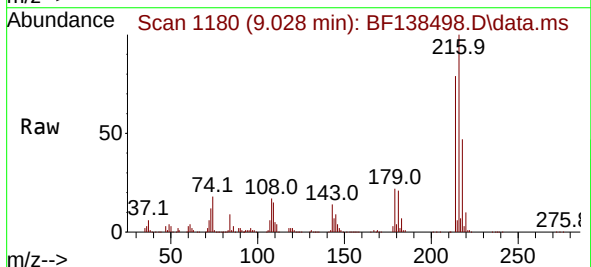
Ion Ratio Lower Upper

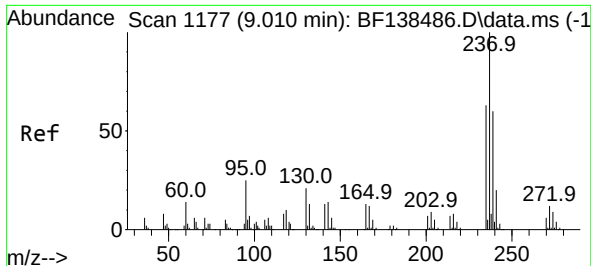
216 100

214 79.6 62.8 94.2

179 22.3 17.7 26.5

108 22.2 15.5 23.3

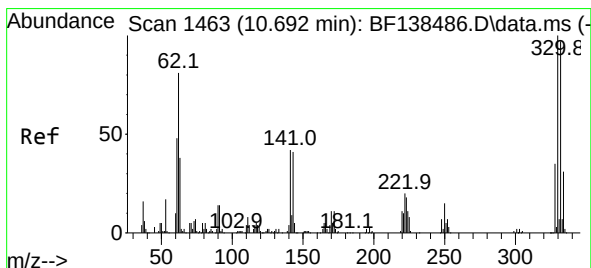
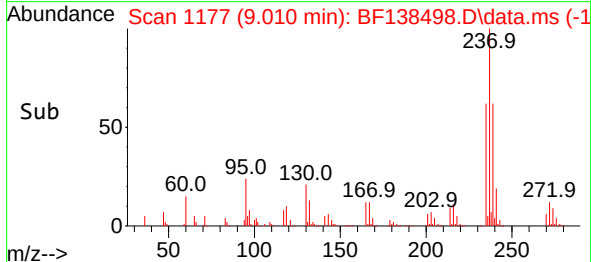
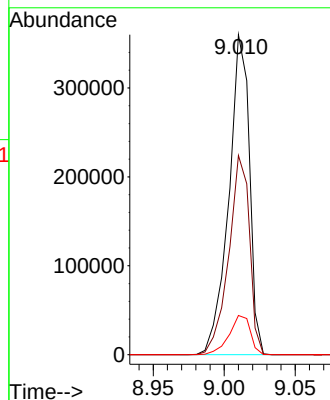
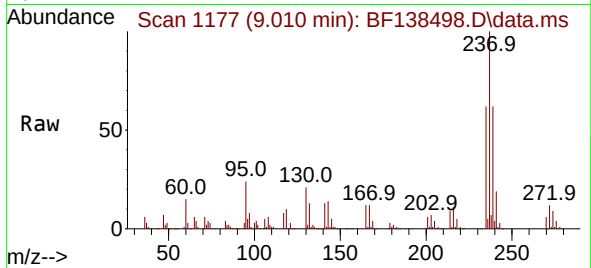




#41
Hexachlorocyclopentadiene
Concen: 172.051 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

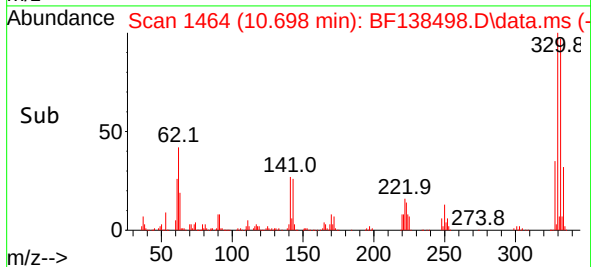
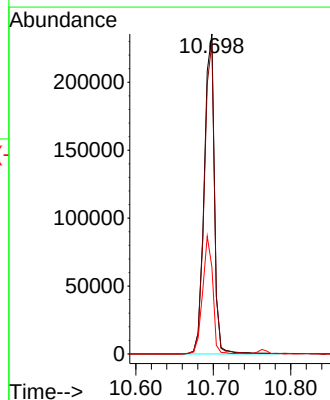
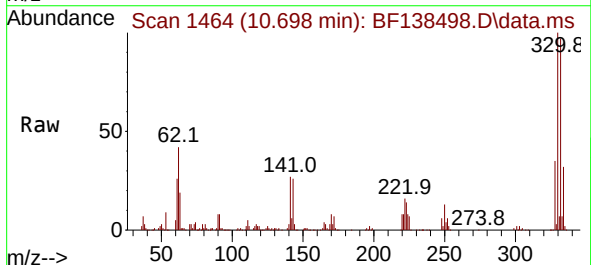
Instrument :
BNA_F
ClientSampleId :
PB161976BS

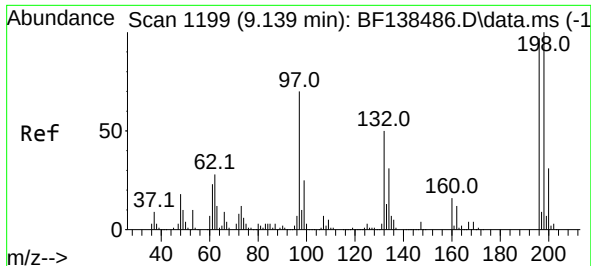
Tgt Ion:237 Resp: 363418
Ion Ratio Lower Upper
237 100
235 62.3 43.3 83.3
272 12.2 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 98.232 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:330 Resp: 214367
Ion Ratio Lower Upper
330 100
332 96.9 76.8 115.2
141 36.5 29.4 44.2

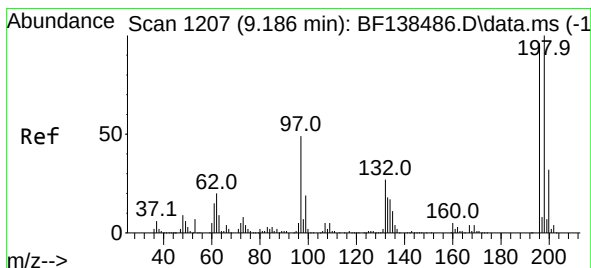
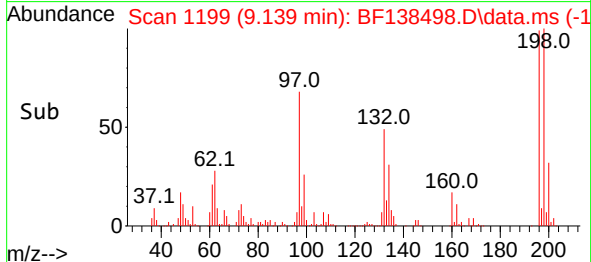
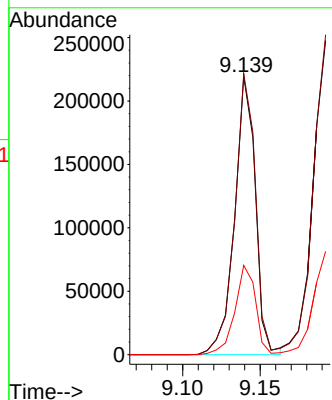
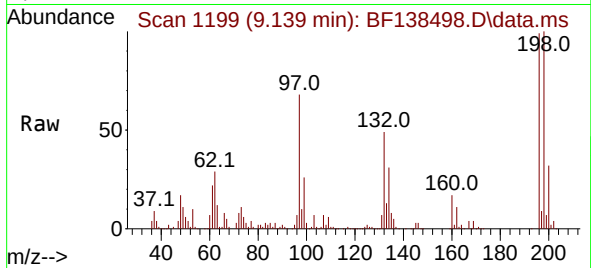




#43
2,4,6-Trichlorophenol
Concen: 49.241 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

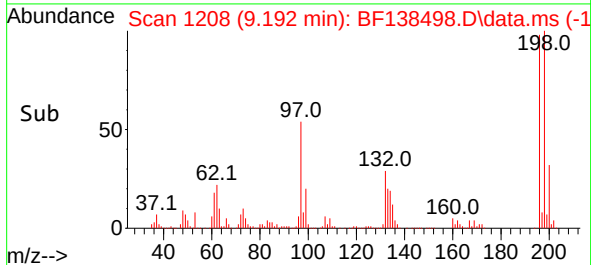
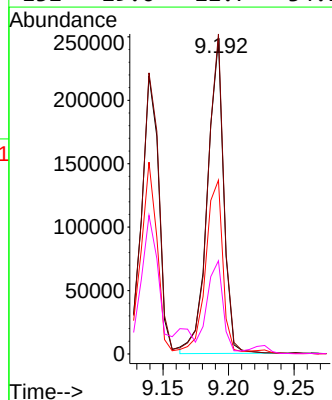
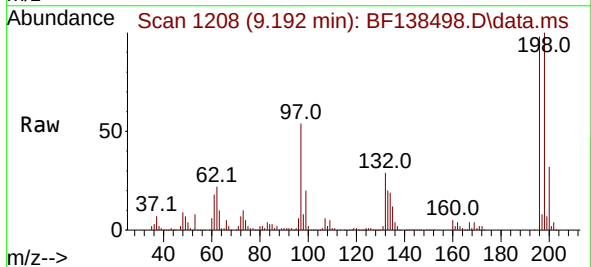
Instrument :
BNA_F
ClientSampleId :
PB161976BS

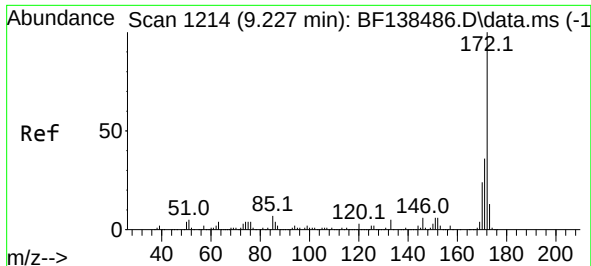
Tgt Ion:196 Resp: 204405
Ion Ratio Lower Upper
196 100
198 101.1 82.3 123.5
200 32.1 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 46.903 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:196 Resp: 214146
Ion Ratio Lower Upper
196 100
198 101.8 82.8 124.2
97 55.3 41.0 61.4
132 29.6 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 89.596 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS

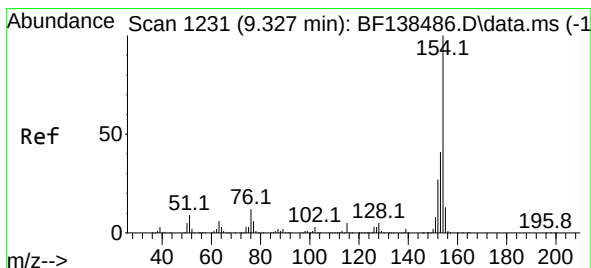
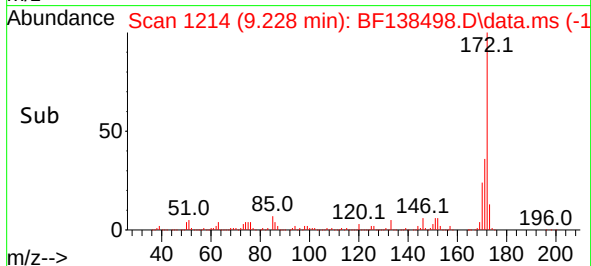
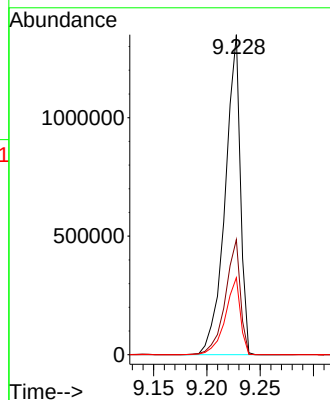
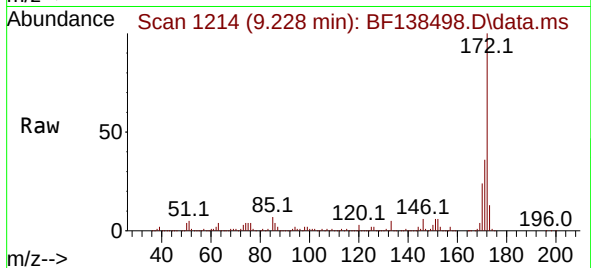
Tgt Ion:172 Resp: 1338549

Ion Ratio Lower Upper

172 100

171 36.0 28.9 43.3

170 24.1 18.9 28.3



#46

1,1'-Biphenyl

Concen: 46.307 ng

RT: 9.328 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

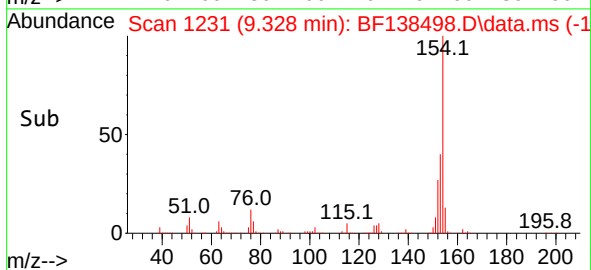
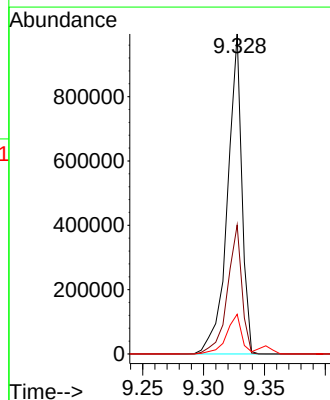
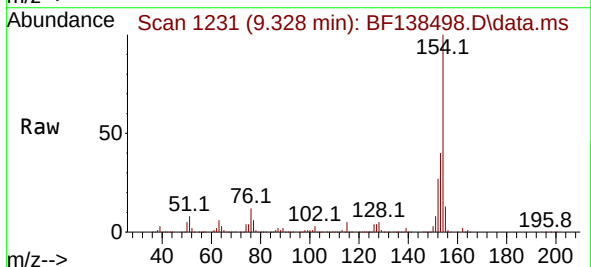
Tgt Ion:154 Resp: 819414

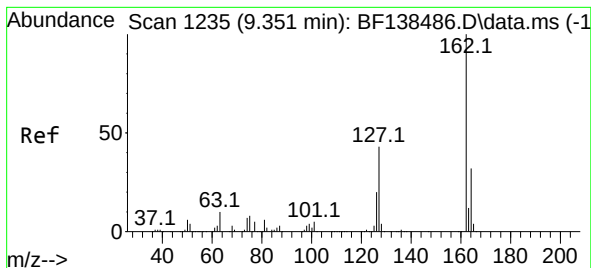
Ion Ratio Lower Upper

154 100

153 40.3 20.7 60.7

76 12.4 0.0 32.2





#47

2-Chloronaphthalene

Concen: 45.694 ng

RT: 9.351 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS

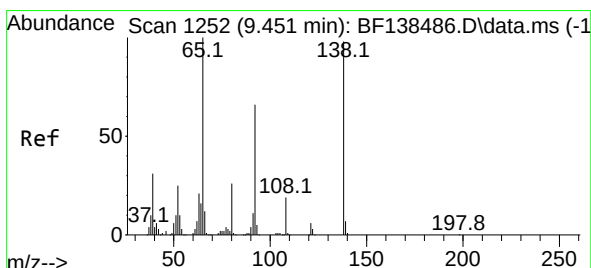
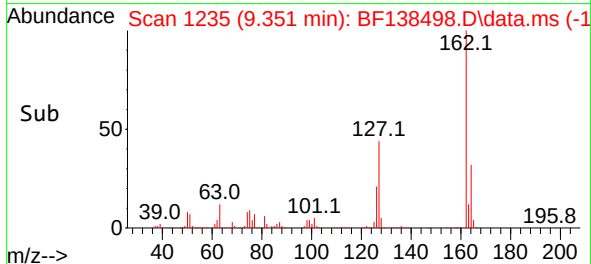
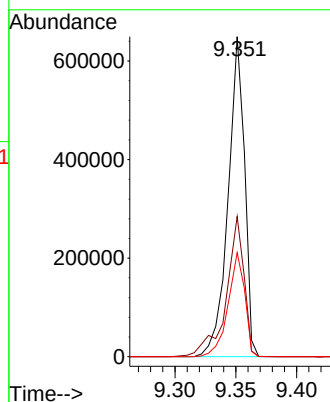
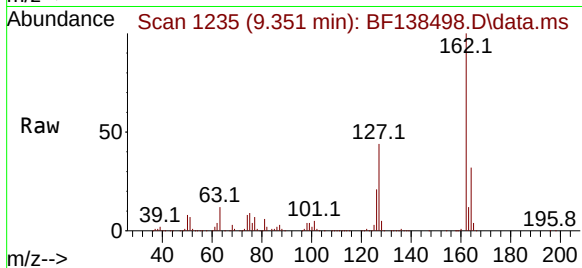
Tgt Ion:162 Resp: 610848

Ion Ratio Lower Upper

162 100

127 43.8 34.8 52.2

164 32.5 25.6 38.4



#48

2-Nitroaniline

Concen: 50.205 ng

RT: 9.451 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

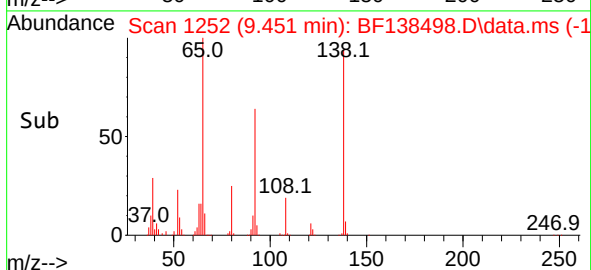
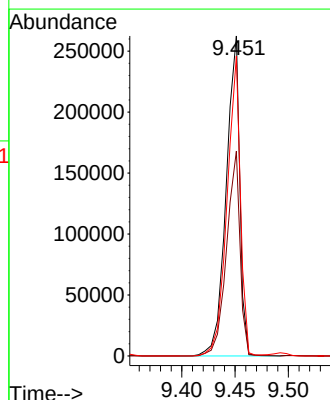
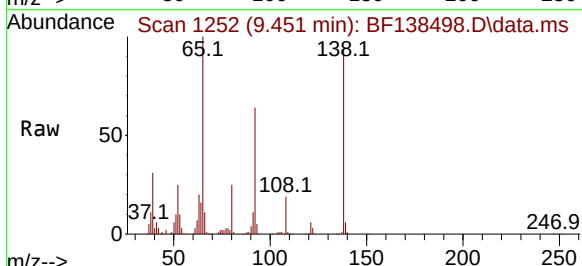
Tgt Ion: 65 Resp: 232573

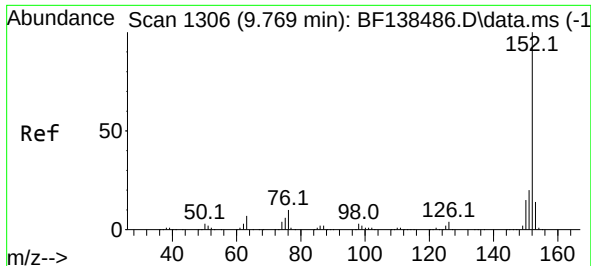
Ion Ratio Lower Upper

65 100

92 64.0 52.6 78.8

138 93.7 78.6 118.0

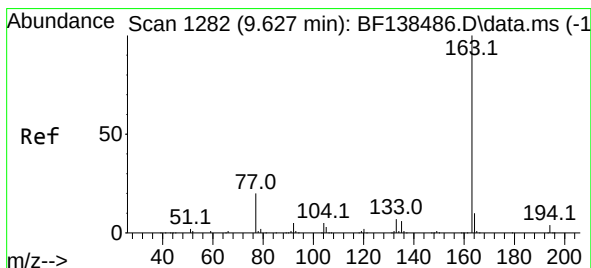
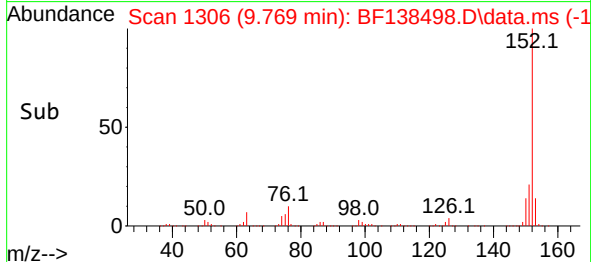
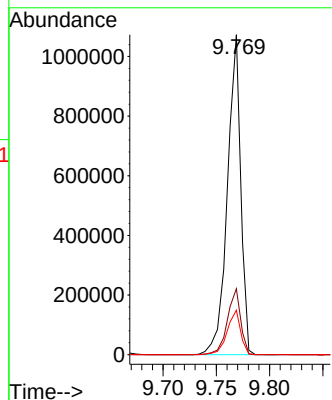
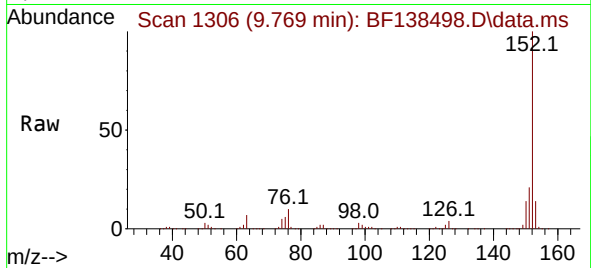




#49
Acenaphthylene
Concen: 49.249 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

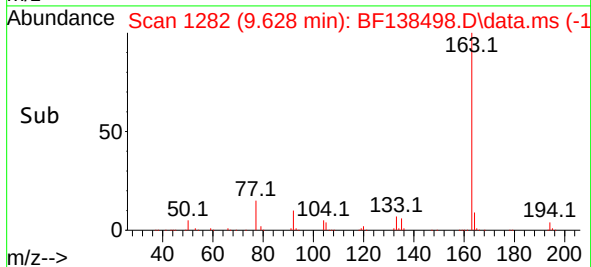
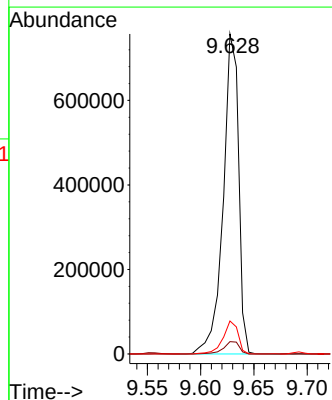
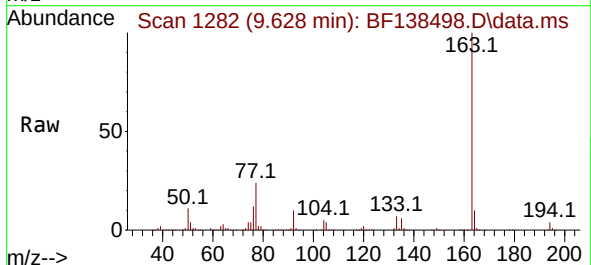
Instrument :
BNA_F
ClientSampleId :
PB161976BS

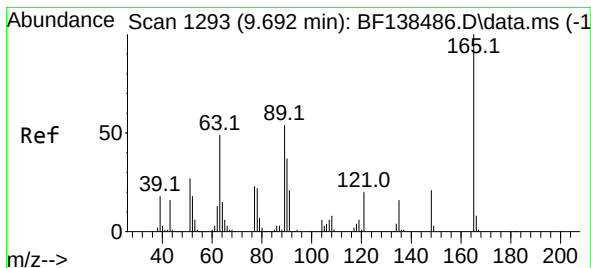
Tgt Ion:152 Resp: 934732
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.9 11.3 16.9



#50
Dimethylphthalate
Concen: 50.238 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:163 Resp: 758506
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 48.838 ng

RT: 9.692 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS

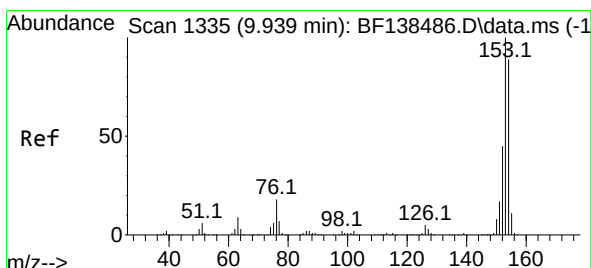
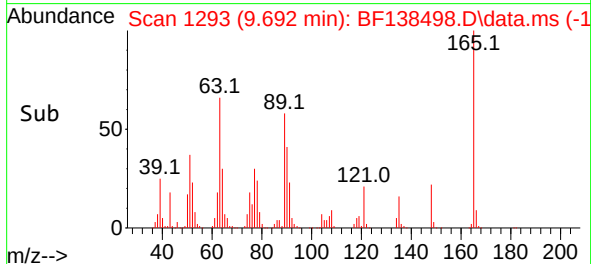
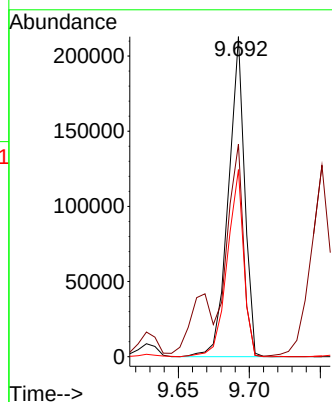
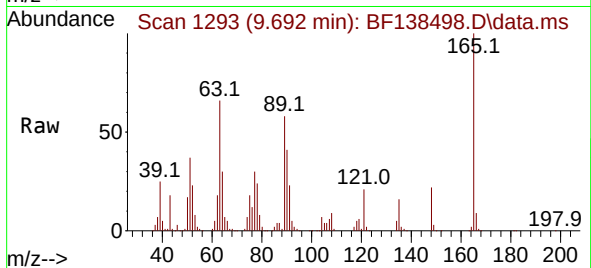
Tgt Ion:165 Resp: 169776

Ion Ratio Lower Upper

165 100

63 66.5 48.1 72.1

89 58.5 43.0 64.6



#52

Acenaphthene

Concen: 47.776 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

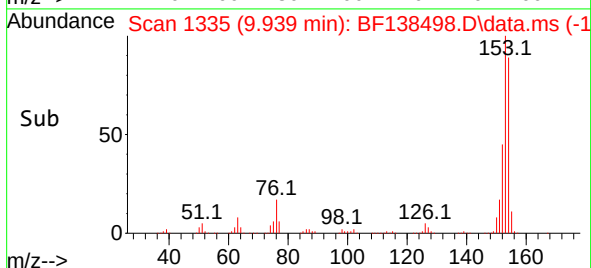
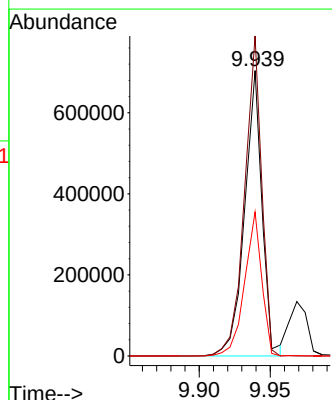
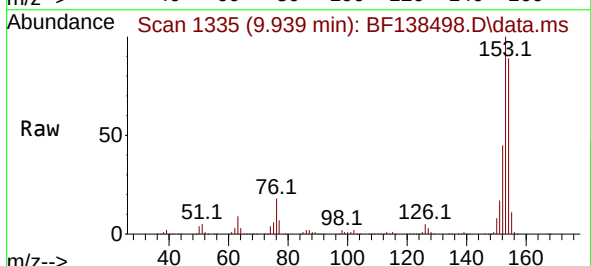
Tgt Ion:154 Resp: 602752

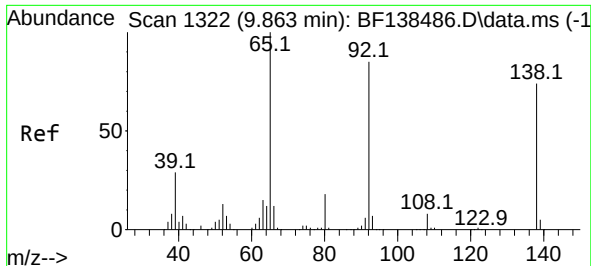
Ion Ratio Lower Upper

154 100

153 112.1 90.4 135.6

152 50.4 41.1 61.7

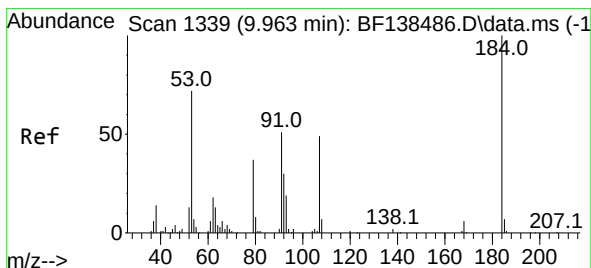
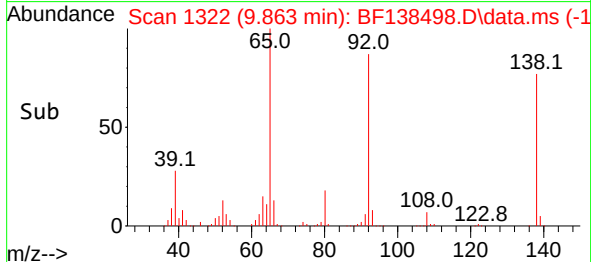
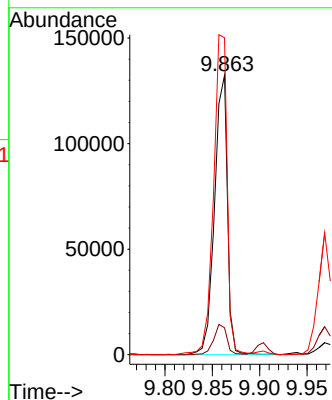
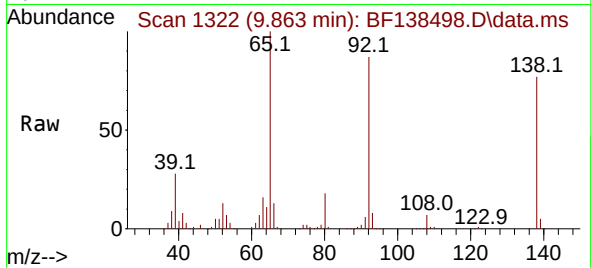




#53
3-Nitroaniline
Concen: 34.977 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

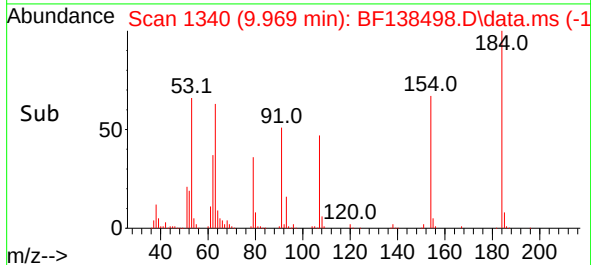
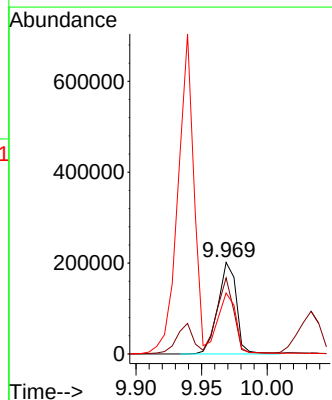
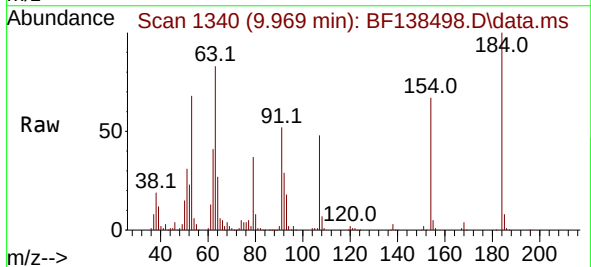
Instrument :
BNA_F
ClientSampleId :
PB161976BS

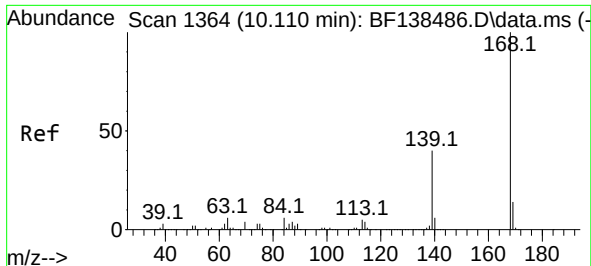
Tgt Ion:138 Resp: 124625
Ion Ratio Lower Upper
138 100
108 9.6 8.3 12.5
92 113.5 92.6 138.8



#54
2,4-Dinitrophenol
Concen: 104.636 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

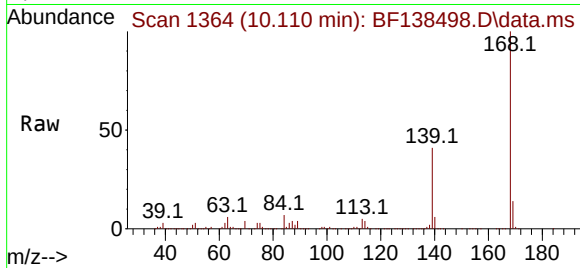
Tgt Ion:184 Resp: 198070
Ion Ratio Lower Upper
184 100
63 82.9 70.6 106.0
154 66.5 53.8 80.6



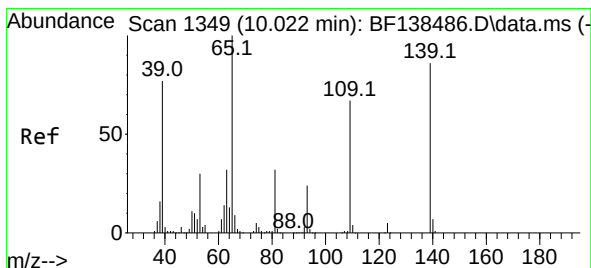
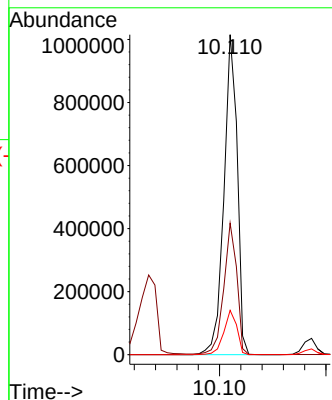
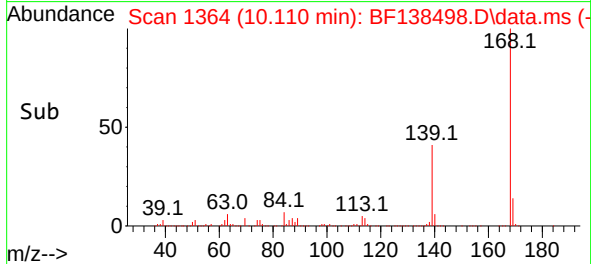


#55
Dibenzenofuran
Concen: 47.832 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :
BNA_F
ClientSampleId :
PB161976BS

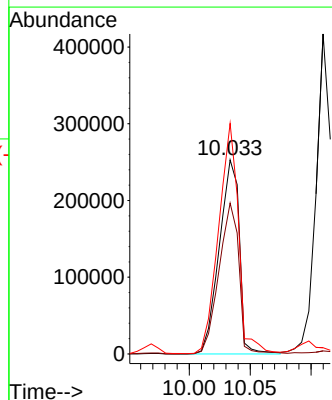
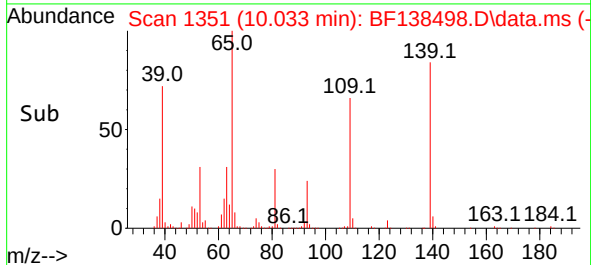
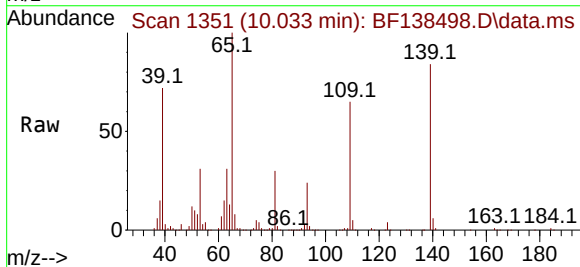


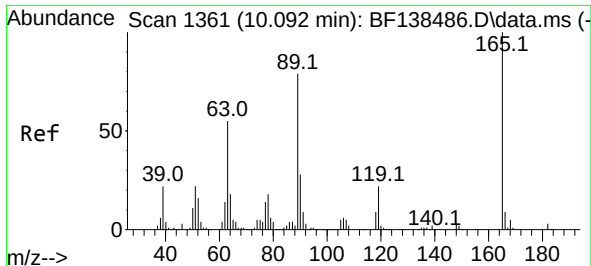
Tgt Ion:168 Resp: 875292
Ion Ratio Lower Upper
168 100
139 41.1 32.4 48.6
169 13.9 10.9 16.3



#56
4-Nitrophenol
Concen: 110.605 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:139 Resp: 290780
Ion Ratio Lower Upper
139 100
109 77.8 58.1 98.1
65 118.7 96.9 136.9

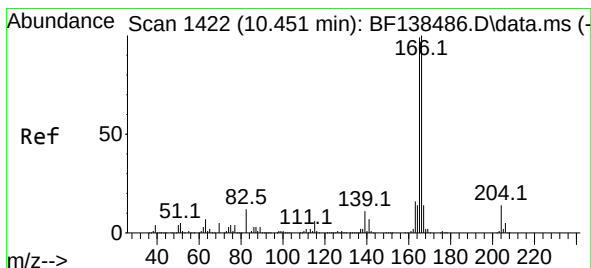
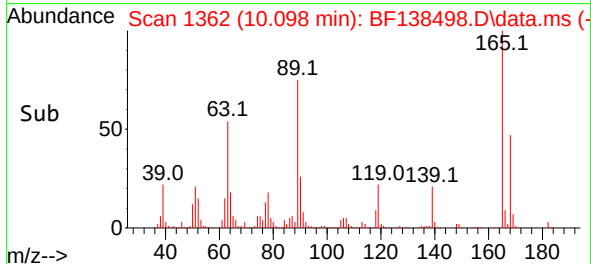
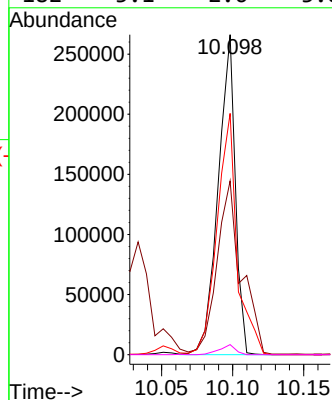
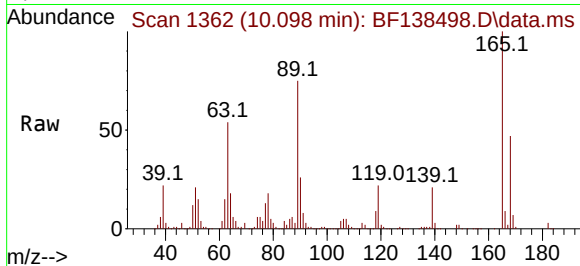




#57
2,4-Dinitrotoluene
Concen: 49.635 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

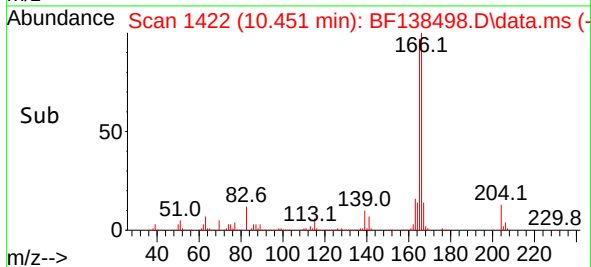
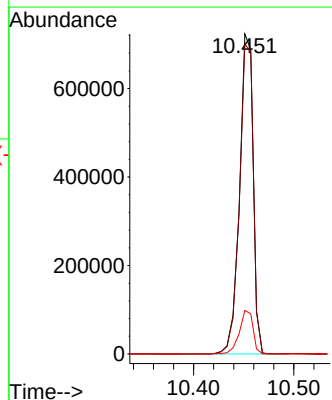
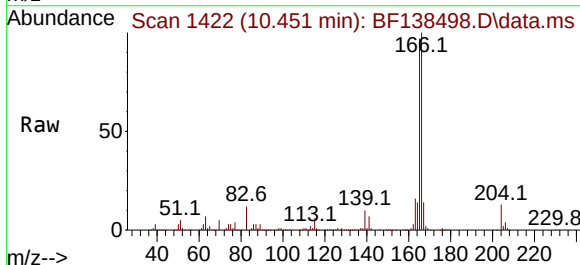
Instrument :
BNA_F
ClientSampleId :
PB161976BS

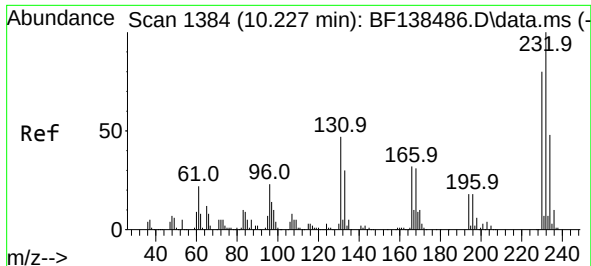
Tgt Ion:165 Resp: 223255
Ion Ratio Lower Upper
165 100
63 54.3 44.6 66.8
89 75.4 63.4 95.2
182 3.1 2.6 3.8



#58
Fluorene
Concen: 47.268 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:166 Resp: 684406
Ion Ratio Lower Upper
166 100
165 96.9 79.1 118.7
167 13.6 11.0 16.6

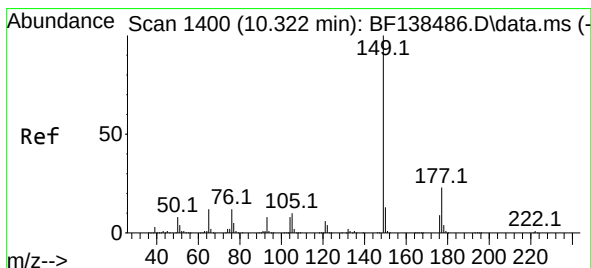
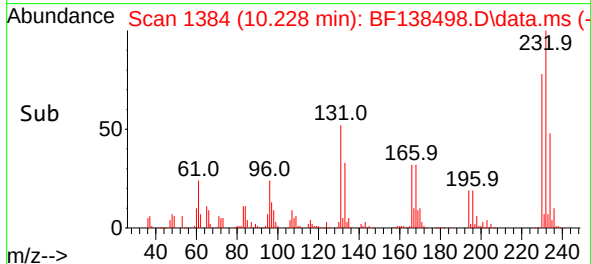
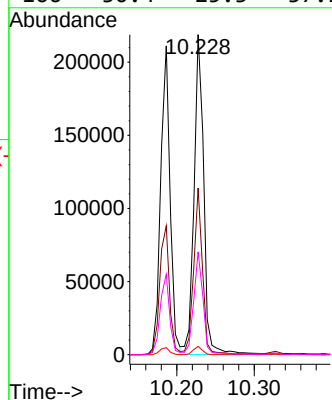
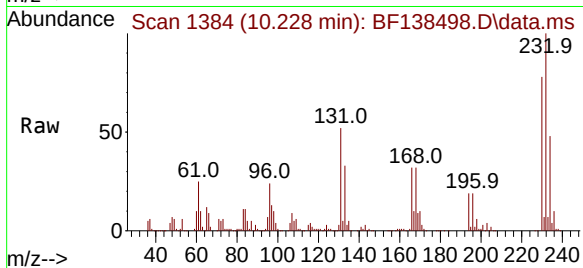




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.821 ng
RT: 10.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

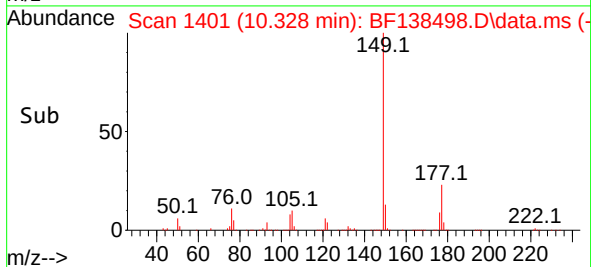
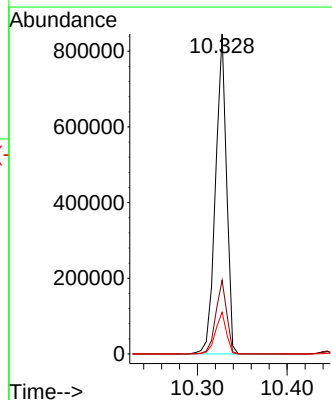
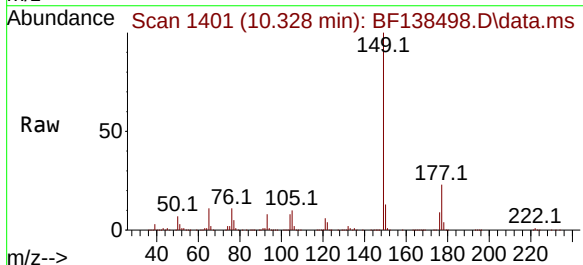
Instrument :
BNA_F
ClientSampleId :
PB161976BS

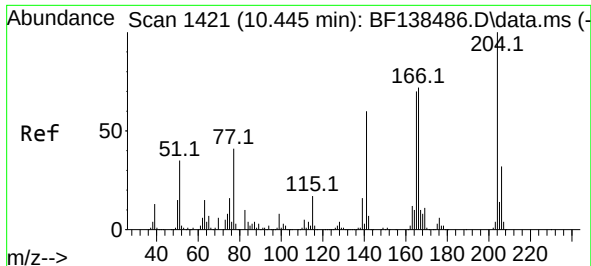
Tgt Ion:232 Resp: 190331
Ion Ratio Lower Upper
232 100
131 46.9 37.5 56.3
130 2.4 2.0 3.0
166 30.4 25.3 37.9



#60
Diethylphthalate
Concen: 49.432 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:149 Resp: 719493
Ion Ratio Lower Upper
149 100
177 23.1 18.5 27.7
150 13.0 10.3 15.5

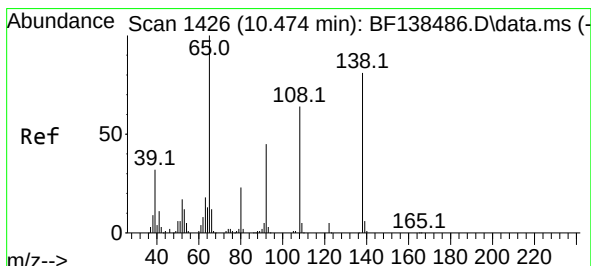
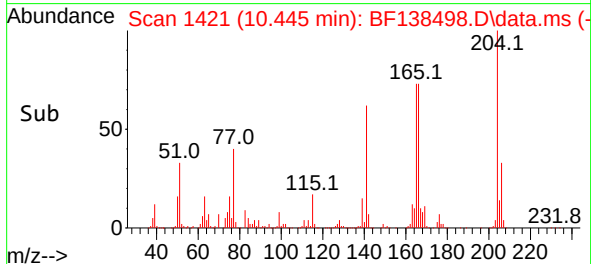
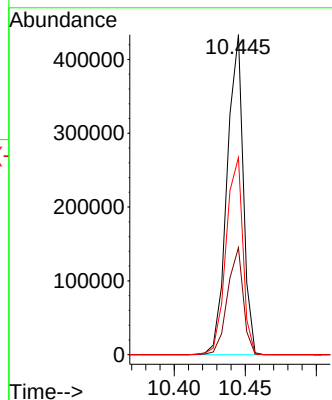
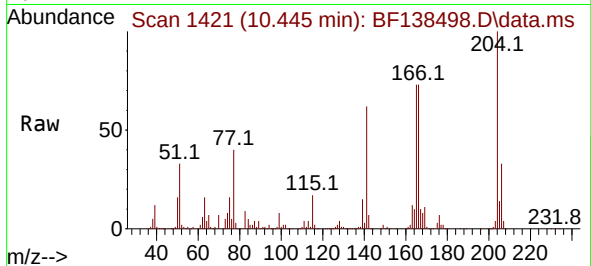




#61
4-Chlorophenyl-phenylether
Concen: 47.070 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

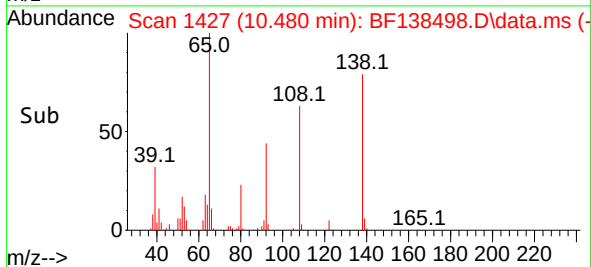
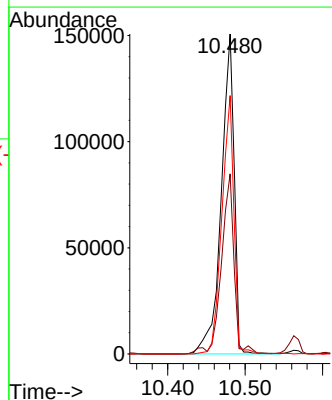
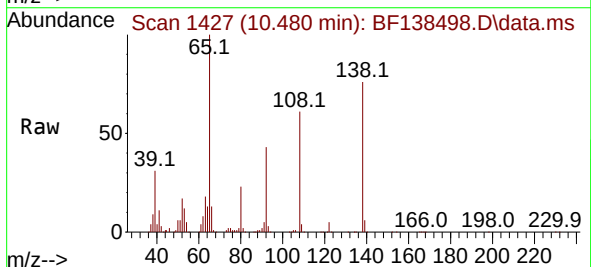
Instrument :
BNA_F
ClientSampleId :
PB161976BS

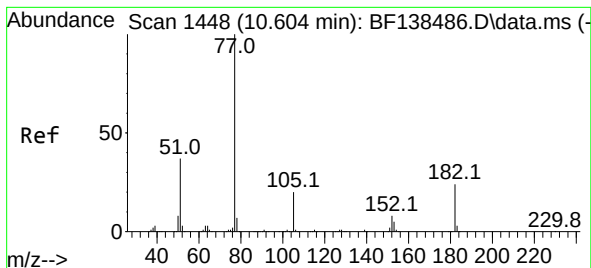
Tgt Ion:204 Resp: 342234
Ion Ratio Lower Upper
204 100
206 33.4 25.6 38.4
141 61.6 47.7 71.5



#62
4-Nitroaniline
Concen: 48.939 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:138 Resp: 174732
Ion Ratio Lower Upper
138 100
92 56.3 35.8 75.8
108 80.7 59.8 99.8





#63

Azobenzene

Concen: 48.524 ng

RT: 10.604 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS

Tgt Ion: 77 Resp: 759343

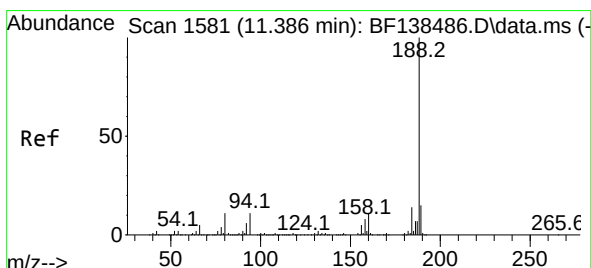
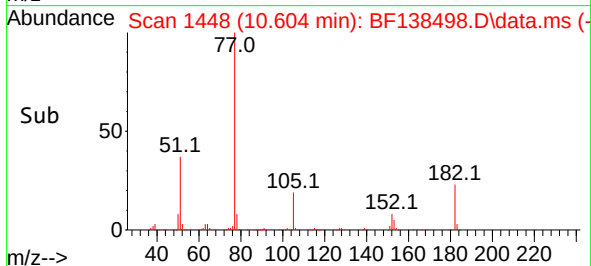
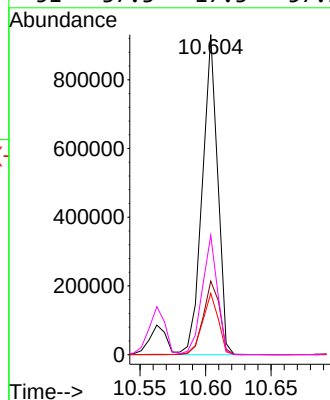
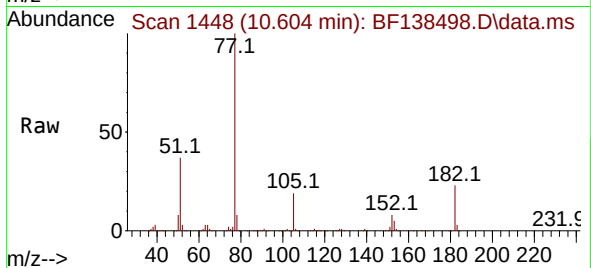
Ion Ratio Lower Upper

77 100

182 23.0 3.8 43.8

105 19.1 0.0 39.8

51 37.3 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: BF138498.D

Acq: 10 Jul 2024 13:26

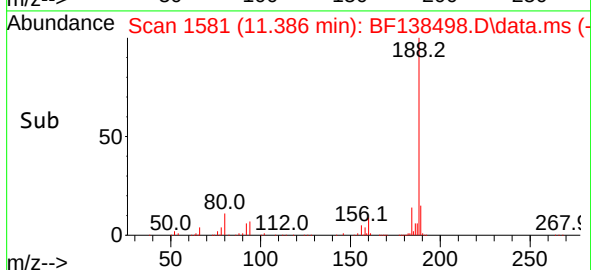
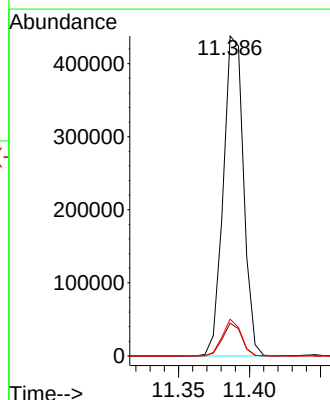
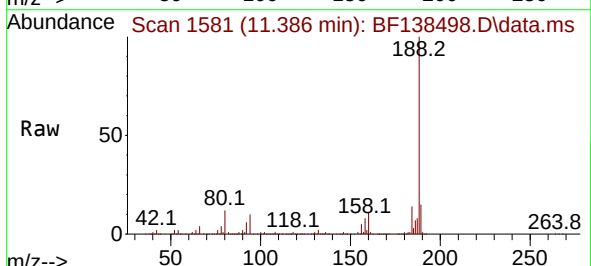
Tgt Ion: 188 Resp: 433814

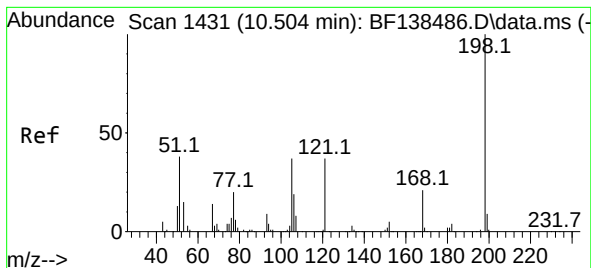
Ion Ratio Lower Upper

188 100

94 10.3 8.7 13.1

80 11.5 9.0 13.4

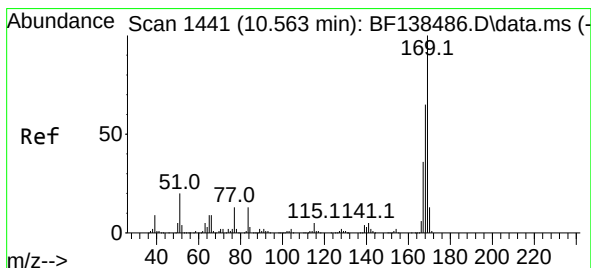
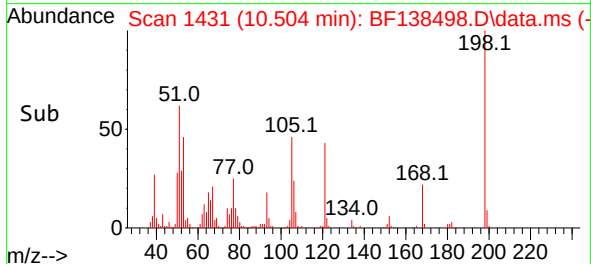
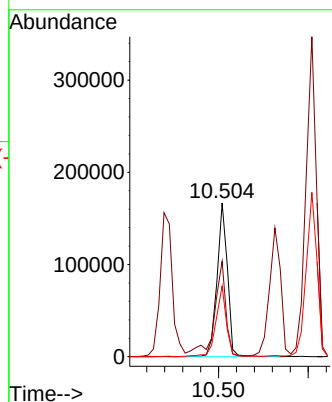
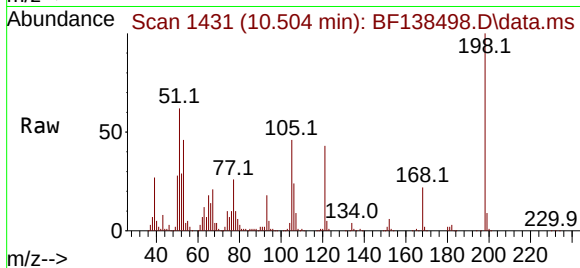




#65
4,6-Dinitro-2-methylphenol
Concen: 53.649 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

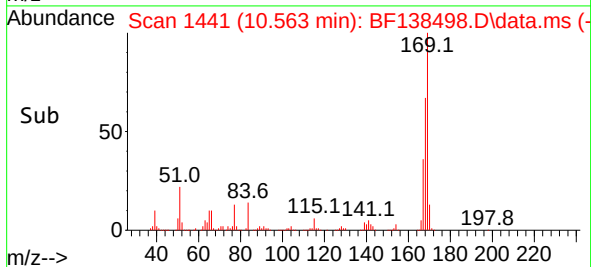
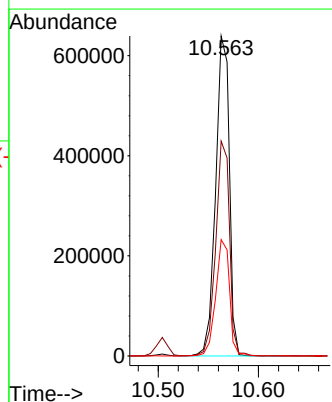
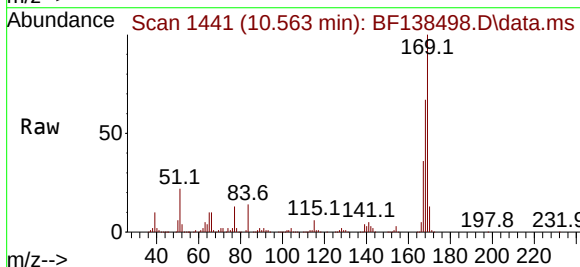
Instrument :
BNA_F
ClientSampleId :
PB161976BS

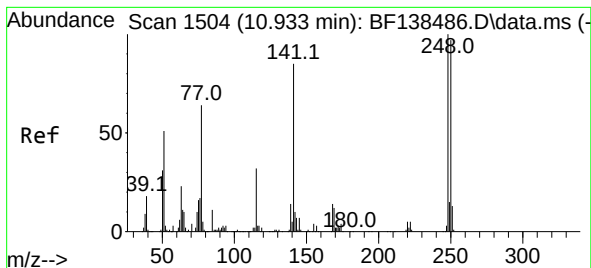
Tgt Ion:198 Resp: 134385
Ion Ratio Lower Upper
198 100
51 62.0 27.2 67.2
105 46.0 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 46.579 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:169 Resp: 605401
Ion Ratio Lower Upper
169 100
168 67.1 51.7 77.5
167 36.3 28.5 42.7

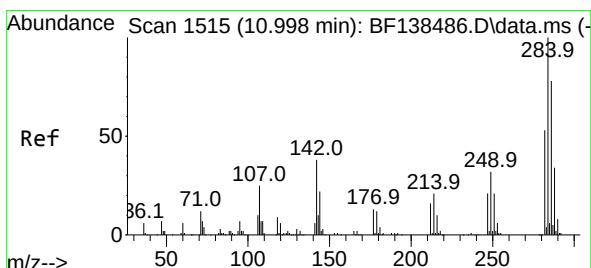
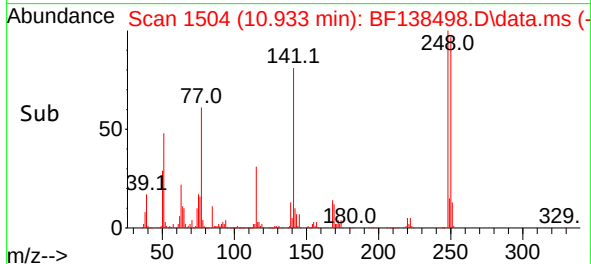
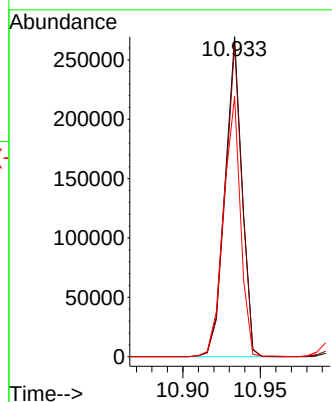
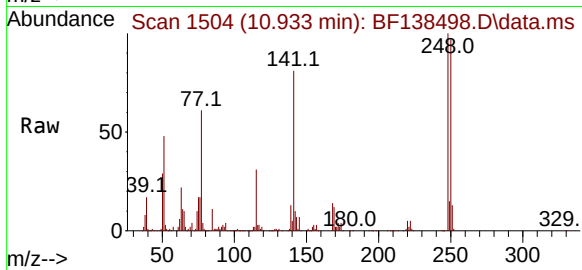




#67
4-Bromophenyl-phenylether
Concen: 46.235 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

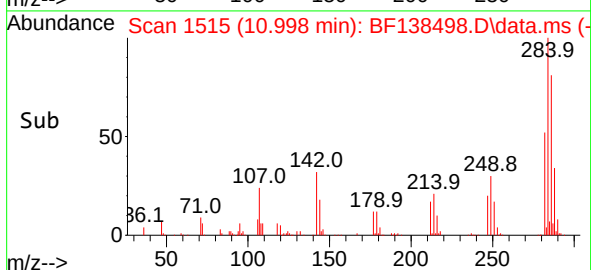
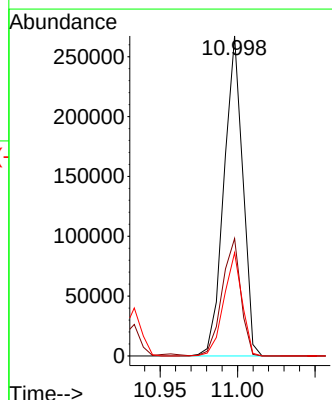
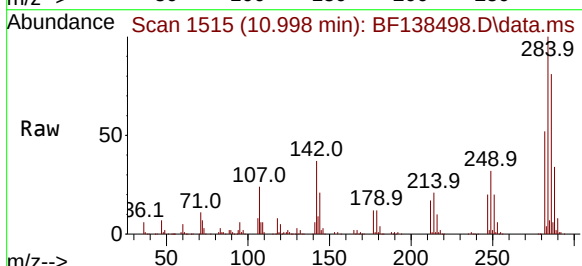
Instrument :
BNA_F
ClientSampleId :
PB161976BS

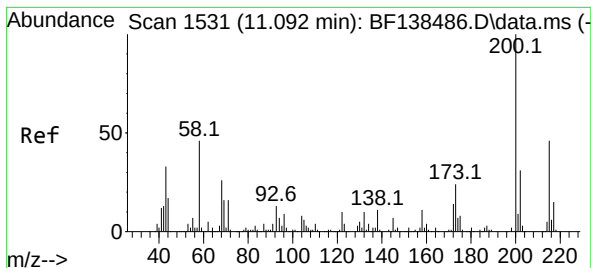
Tgt Ion:248 Resp: 206152
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 81.3 67.7 101.5



#68
Hexachlorobenzene
Concen: 45.399 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:284 Resp: 224880
Ion Ratio Lower Upper
284 100
142 36.7 30.5 45.7
249 32.3 25.9 38.9





#69

Atrazine

Concen: 49.501 ng

RT: 11.092 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS

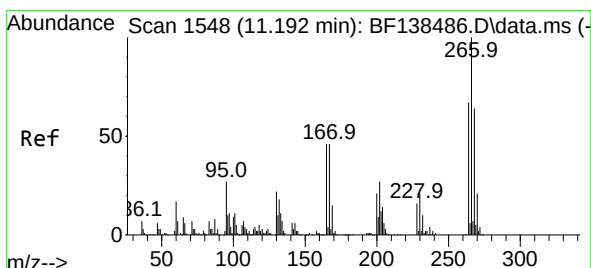
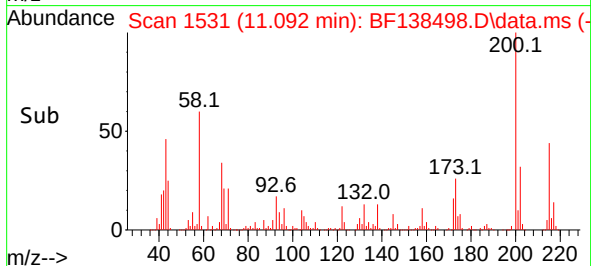
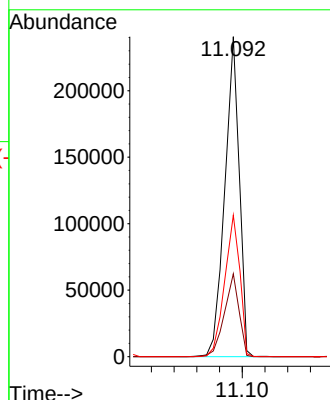
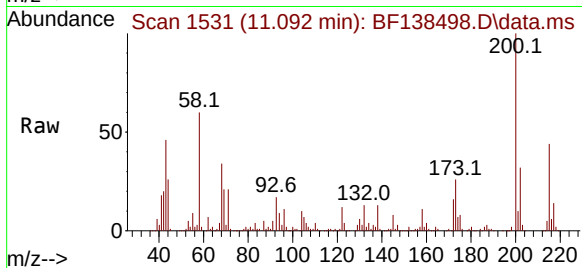
Tgt Ion:200 Resp: 213310

Ion Ratio Lower Upper

200 100

173 25.9 4.1 44.1

215 44.2 26.5 66.5



#70

Pentachlorophenol

Concen: 89.301 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

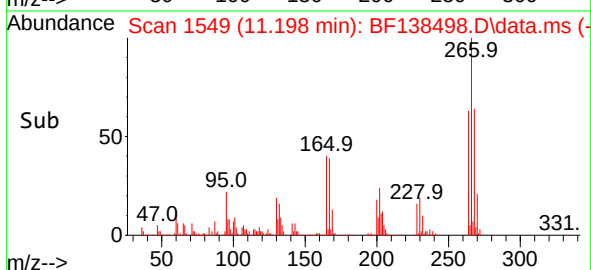
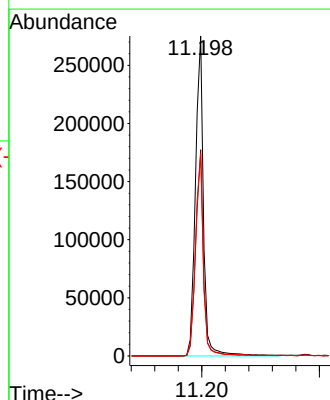
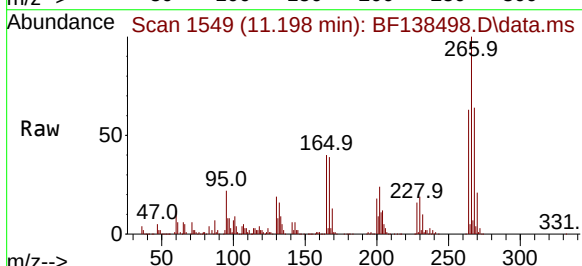
Tgt Ion:266 Resp: 261747

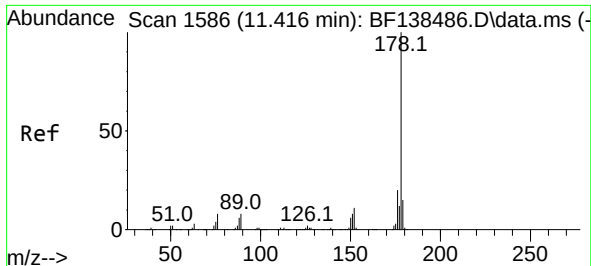
Ion Ratio Lower Upper

266 100

268 64.5 50.9 76.3

264 63.2 53.5 80.3

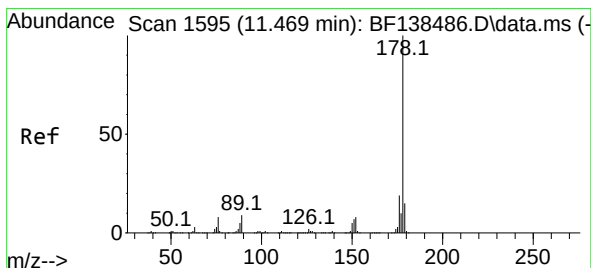
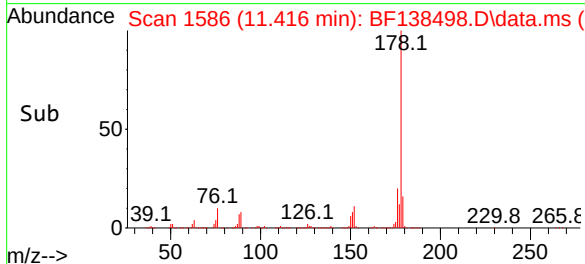
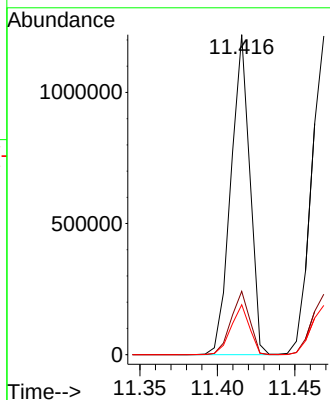
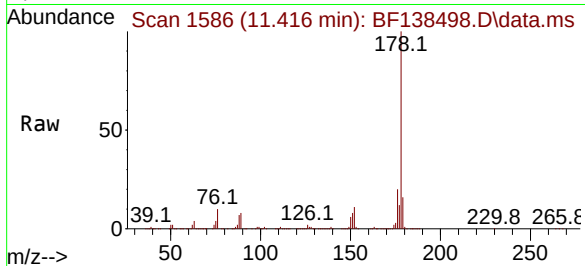




#71
Phenanthrene
Concen: 47.174 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

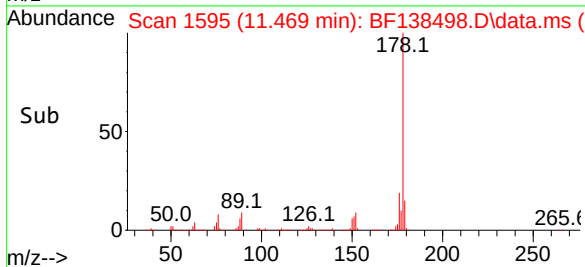
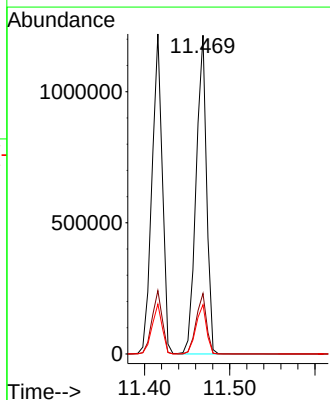
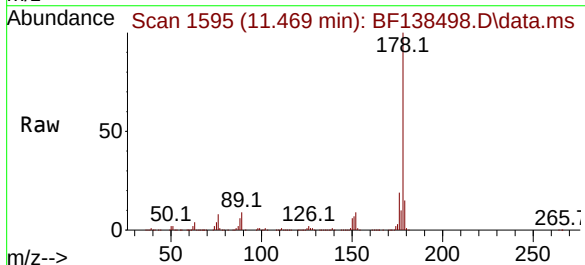
Instrument :
BNA_F
ClientSampleId :
PB161976BS

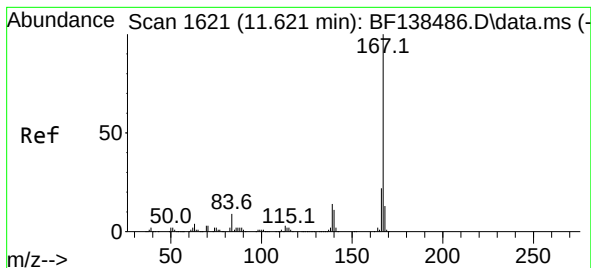
Tgt Ion:178 Resp: 1033902
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.6 12.2 18.2



#72
Anthracene
Concen: 47.670 ng
RT: 11.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:178 Resp: 1037095
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.5 12.2 18.4





#73

Carbazole

Concen: 47.108 ng

RT: 11.622 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS

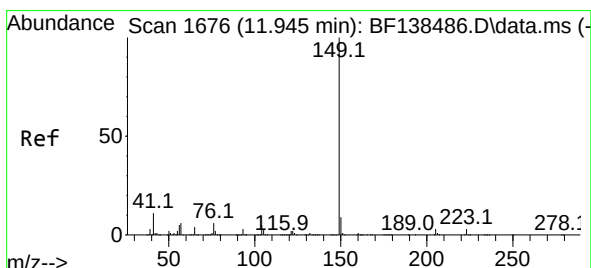
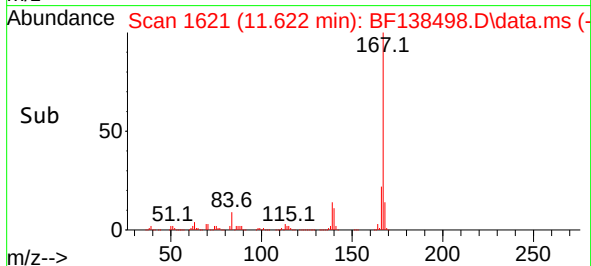
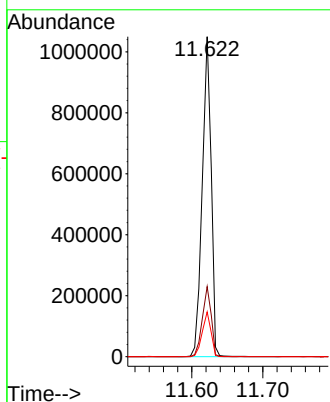
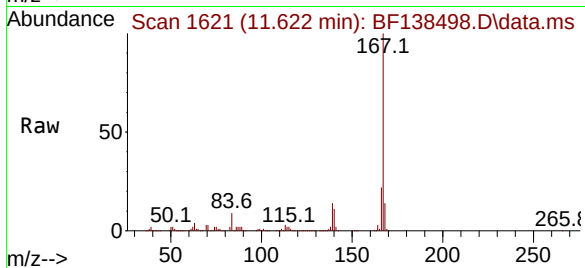
Tgt Ion:167 Resp: 921022

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.6

139 14.0 11.0 16.4



#74

Di-n-butylphthalate

Concen: 48.789 ng

RT: 11.945 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

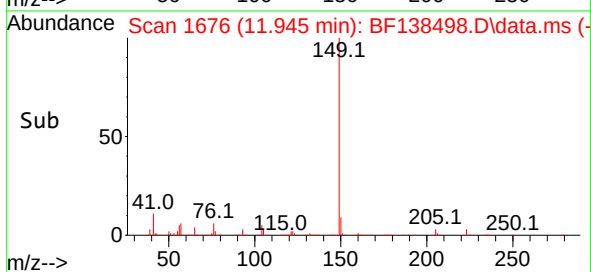
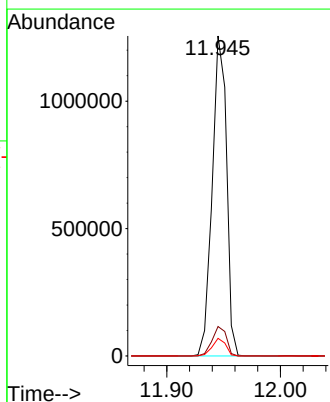
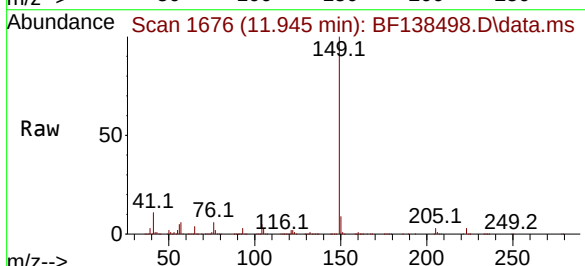
Tgt Ion:149 Resp: 1099519

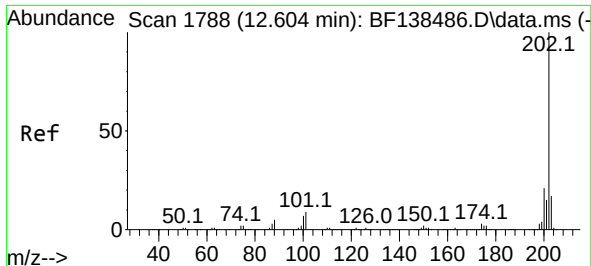
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.5 4.4 6.6

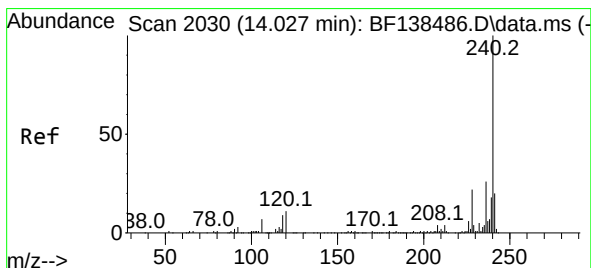
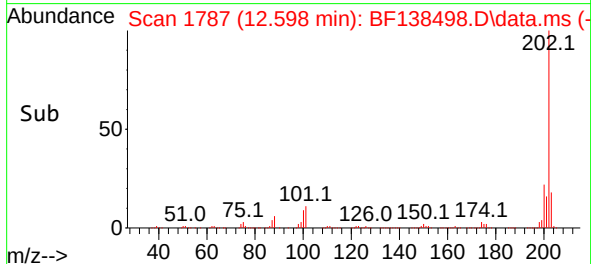
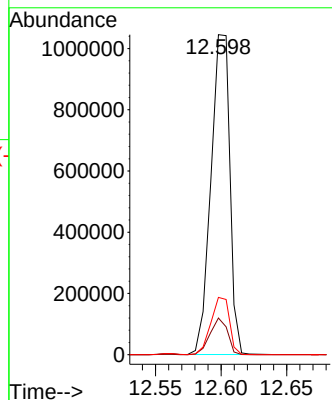
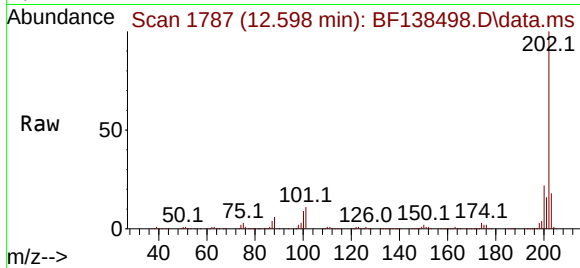




#75
Fluoranthene
Concen: 46.934 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

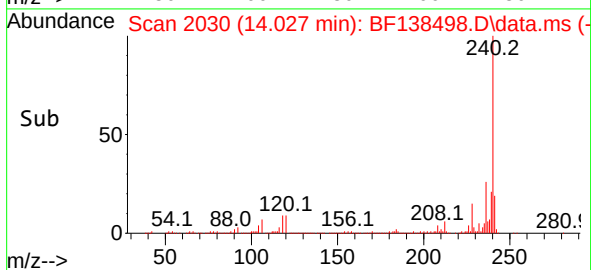
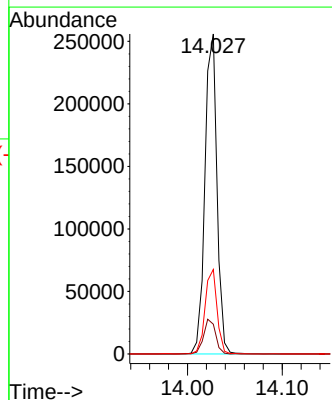
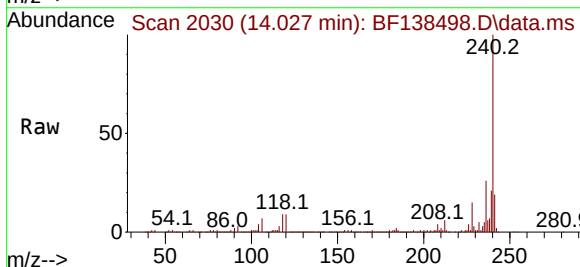
Instrument :
BNA_F
ClientSampleId :
PB161976BS

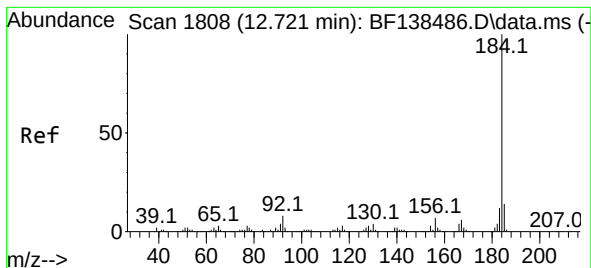
Tgt Ion:202 Resp: 1049619
Ion Ratio Lower Upper
202 100
101 11.4 0.0 29.2
203 17.9 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:240 Resp: 225284
Ion Ratio Lower Upper
240 100
120 9.3 8.6 12.8
236 26.4 21.0 31.6





#77

Benzidine

Concen: 28.702 ng

RT: 12.721 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS

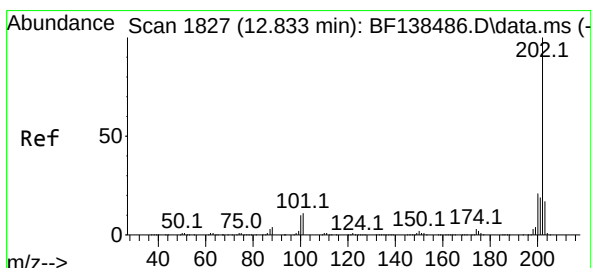
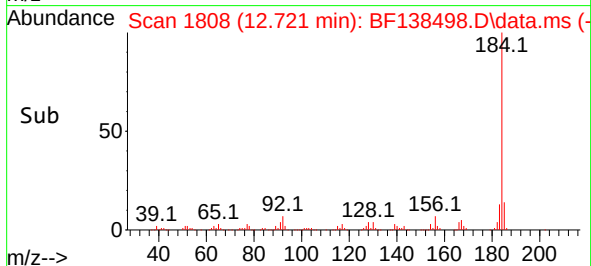
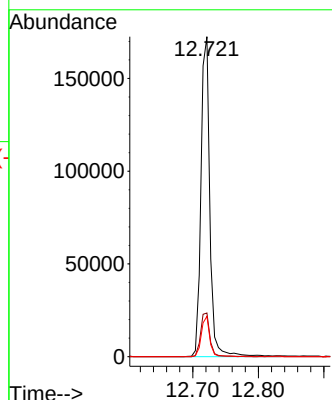
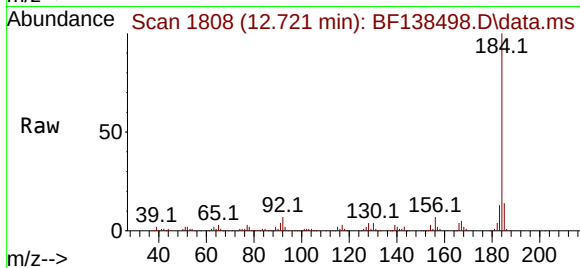
Tgt Ion:184 Resp: 163136

Ion Ratio Lower Upper

184 100

185 13.6 11.3 16.9

183 12.6 9.5 14.3



#78

Pyrene

Concen: 46.500 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

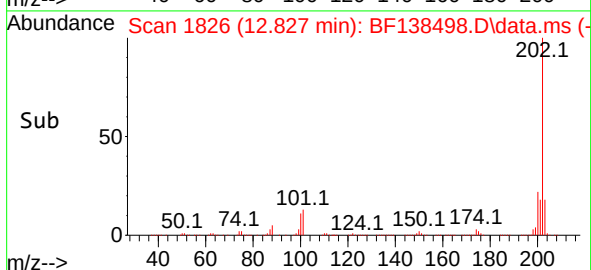
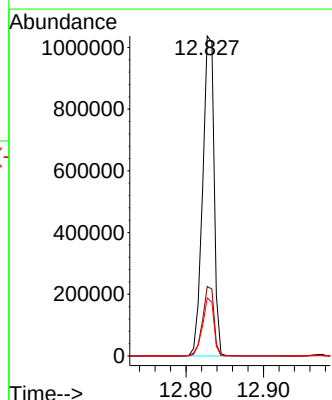
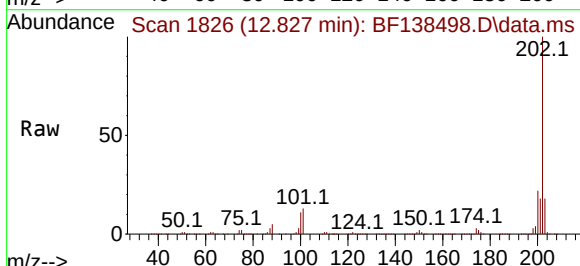
Tgt Ion:202 Resp: 1063431

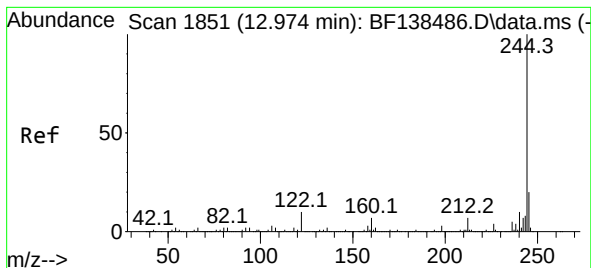
Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.6

203 18.1 13.7 20.5





#79

Terphenyl-d14

Concen: 104.128 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS

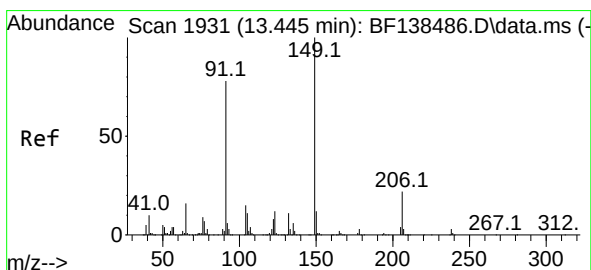
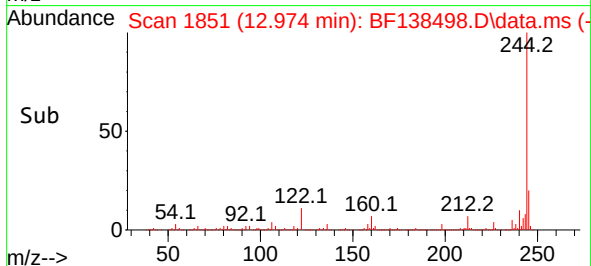
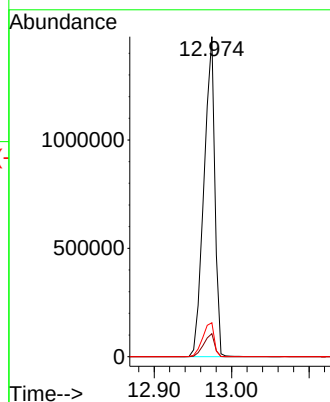
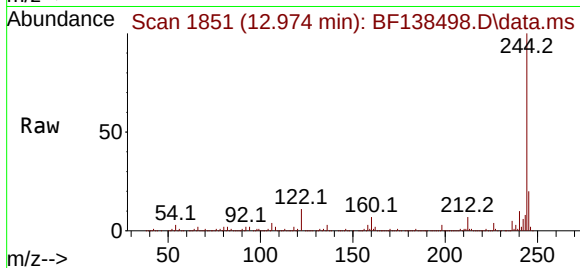
Tgt Ion:244 Resp: 1439937

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 10.6 7.8 11.8



#80

Butylbenzylphthalate

Concen: 55.025 ng

RT: 13.445 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

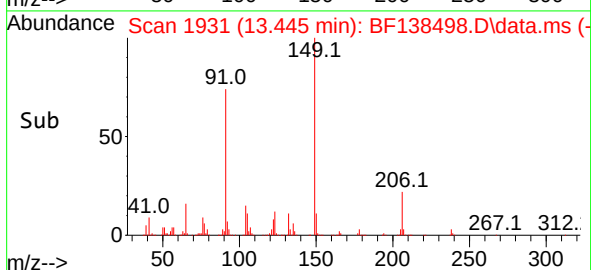
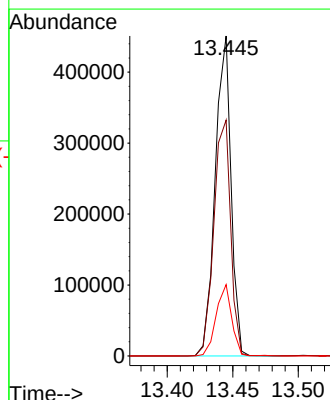
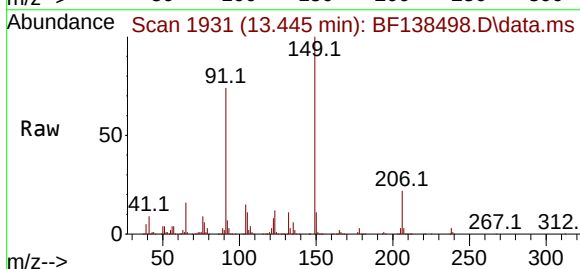
Tgt Ion:149 Resp: 378548

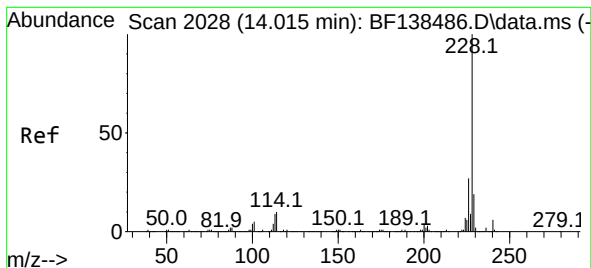
Ion Ratio Lower Upper

149 100

91 73.7 62.1 93.1

206 22.3 18.0 27.0





#81

Benzo(a)anthracene

Concen: 47.766 ng

RT: 14.015 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS

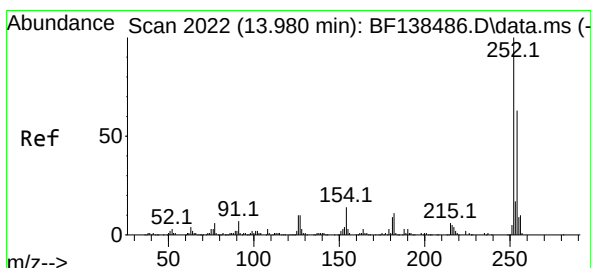
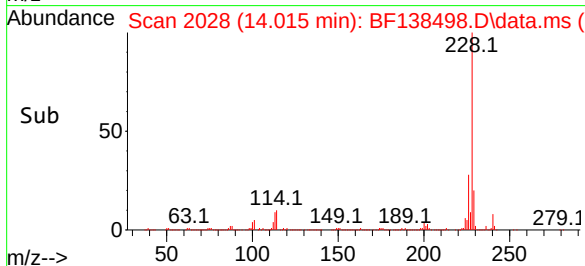
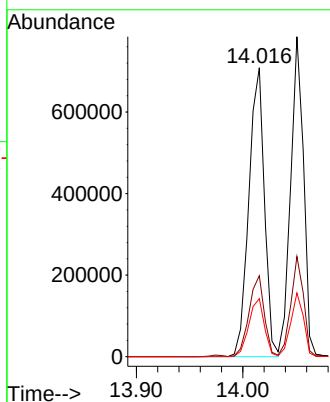
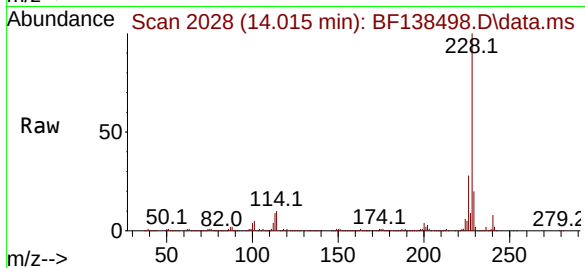
Tgt Ion:228 Resp: 722059

Ion Ratio Lower Upper

228 100

226 28.0 21.9 32.9

229 20.1 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 42.033 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

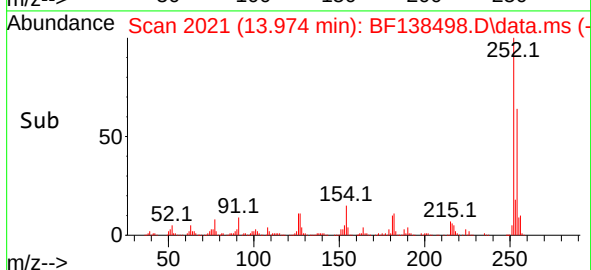
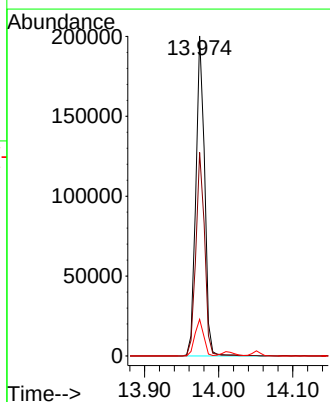
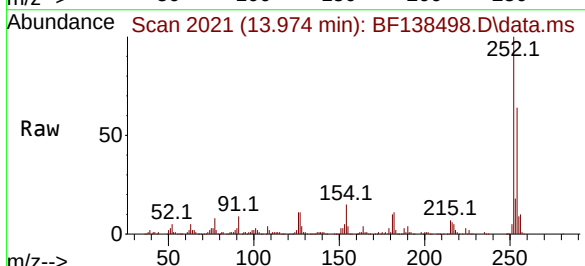
Tgt Ion:252 Resp: 163724

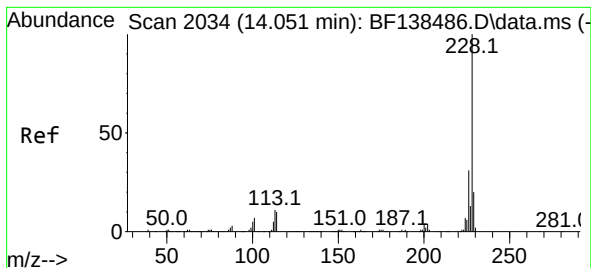
Ion Ratio Lower Upper

252 100

254 63.6 50.3 75.5

126 11.5 8.1 12.1





#83

Chrysene

Concen: 46.390 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS

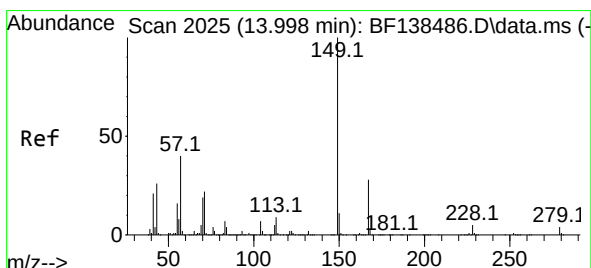
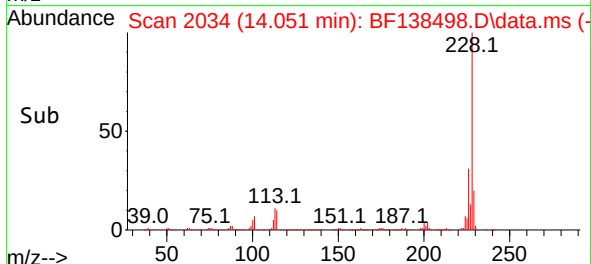
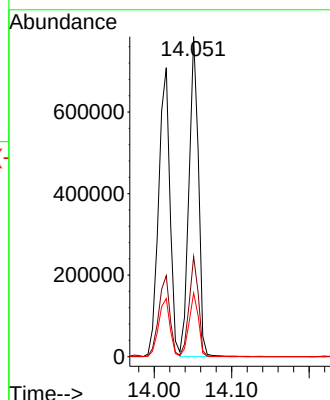
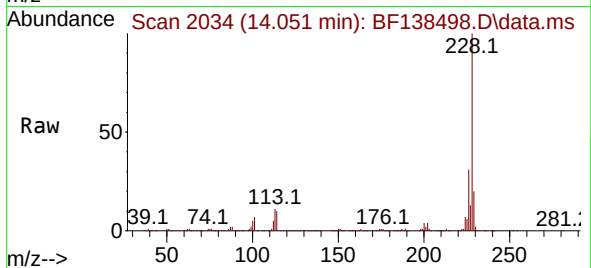
Tgt Ion:228 Resp: 663387

Ion Ratio Lower Upper

228 100

226 31.3 24.4 36.6

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.409 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

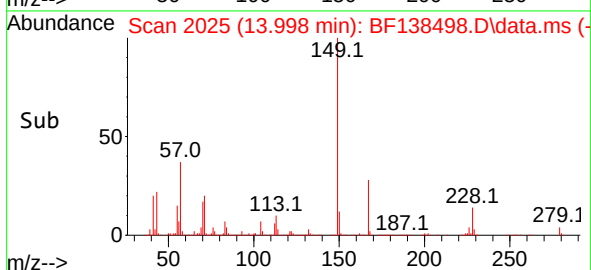
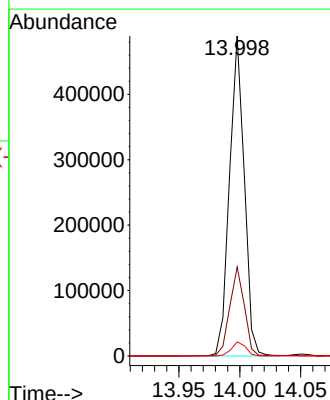
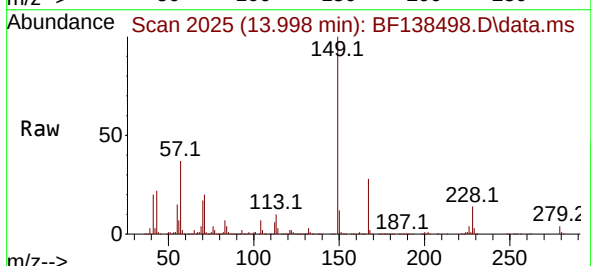
Tgt Ion:149 Resp: 413883

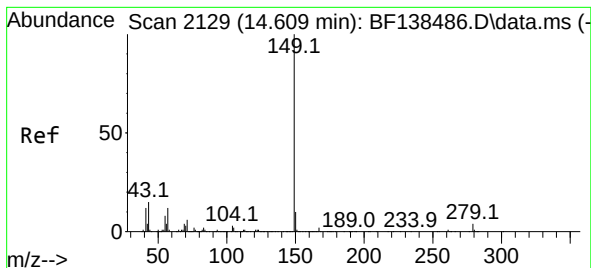
Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 46.388 ng

RT: 14.610 min Scan# 21

Delta R.T. 0.001 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS

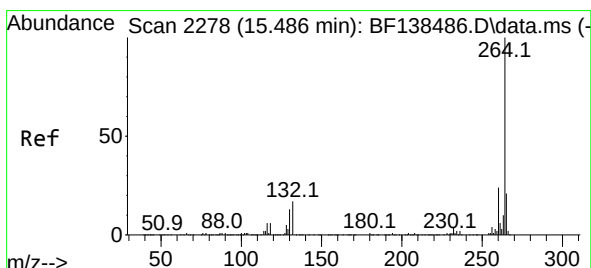
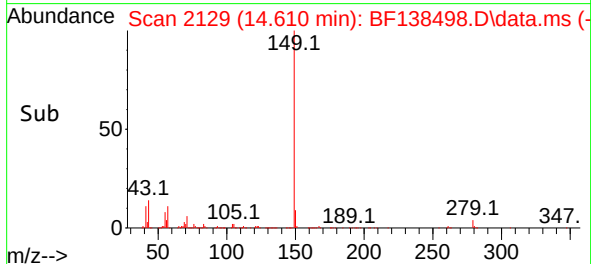
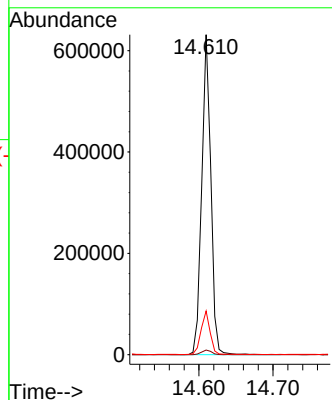
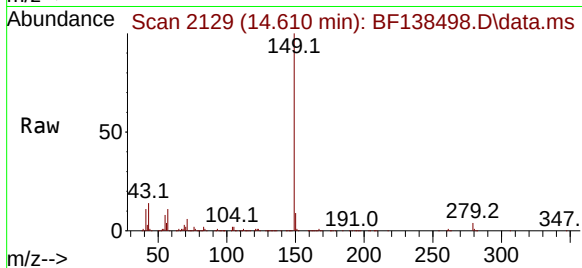
Tgt Ion:149 Resp: 537673

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.5 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: BF138498.D

Acq: 10 Jul 2024 13:26

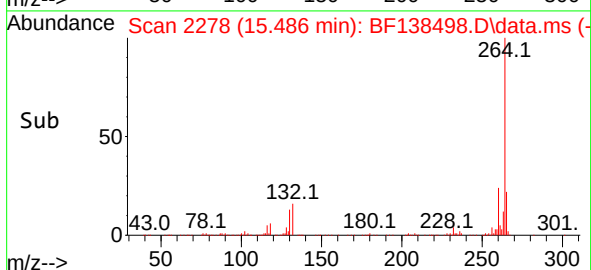
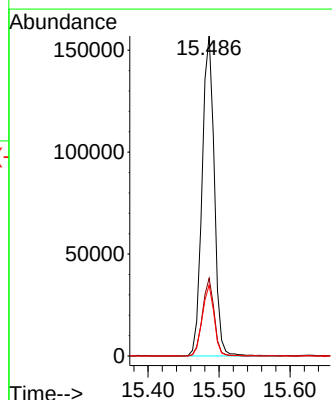
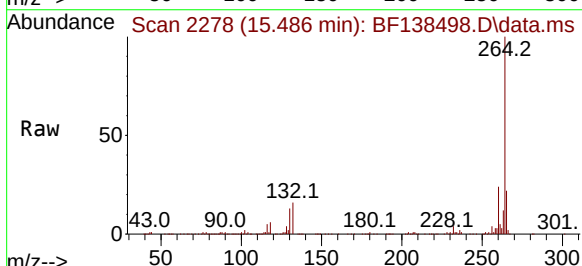
Tgt Ion:264 Resp: 188097

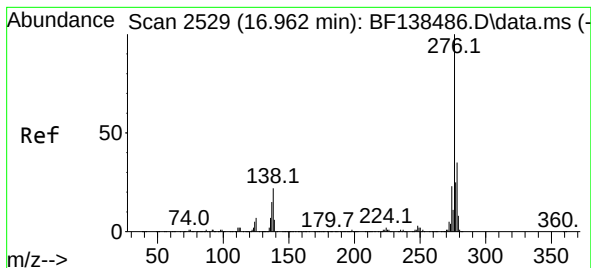
Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 22.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.919 ng

RT: 16.962 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS

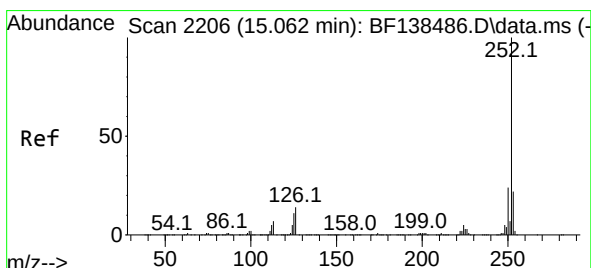
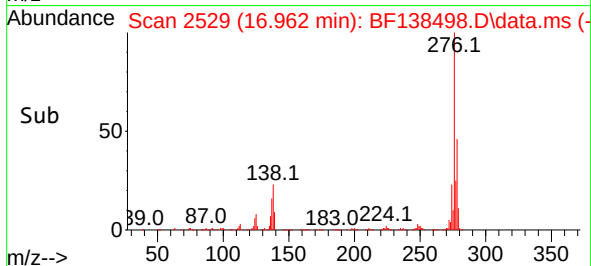
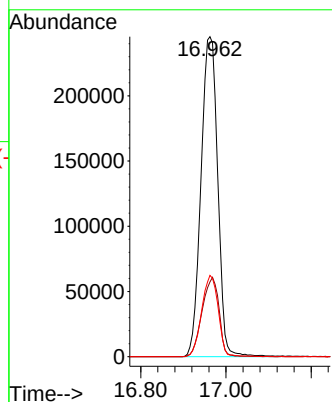
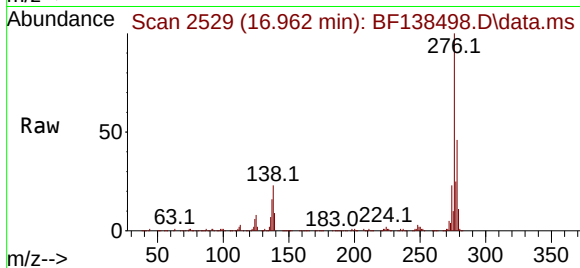
Tgt Ion:276 Resp: 668604

Ion Ratio Lower Upper

276 100

138 25.0 19.6 29.4

277 25.2 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 51.125 ng

RT: 15.063 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

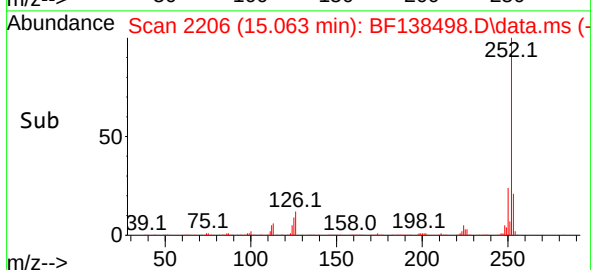
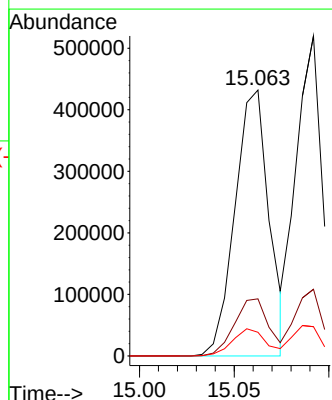
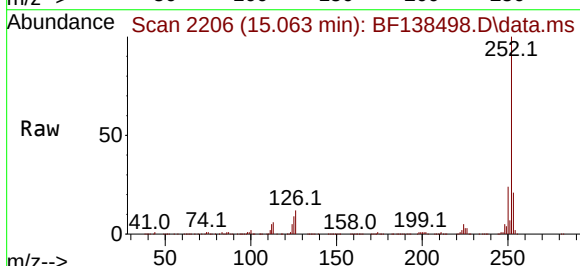
Tgt Ion:252 Resp: 541573

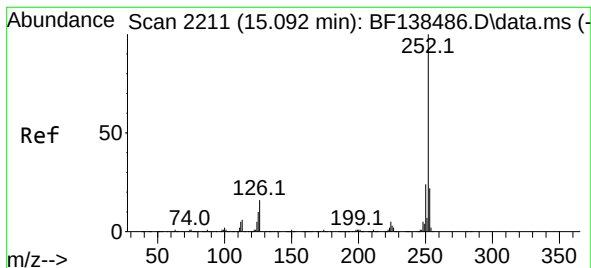
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 8.9 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 49.021 ng

RT: 15.092 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS

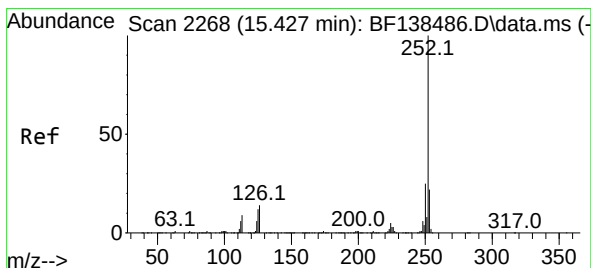
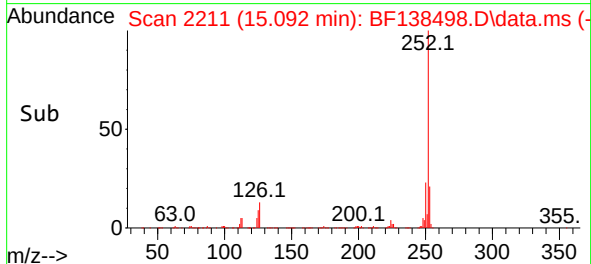
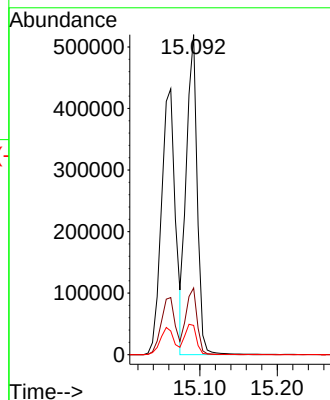
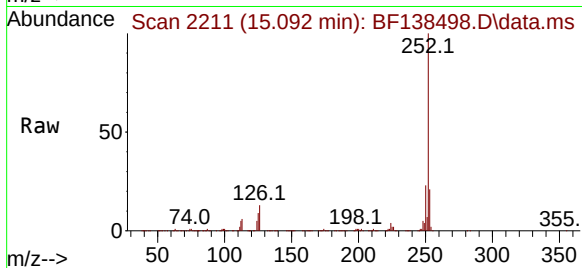
Tgt Ion:252 Resp: 506447

Ion Ratio Lower Upper

252 100

253 20.9 17.7 26.5

125 9.2 8.1 12.1



#90

Benzo(a)pyrene

Concen: 49.827 ng

RT: 15.427 min Scan# 2268

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

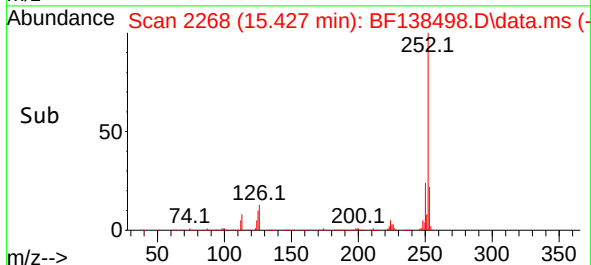
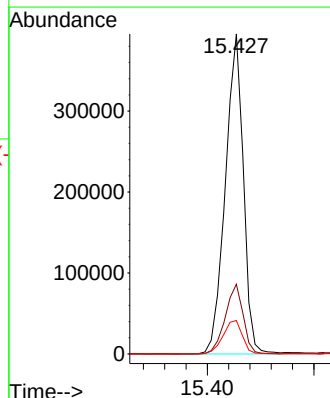
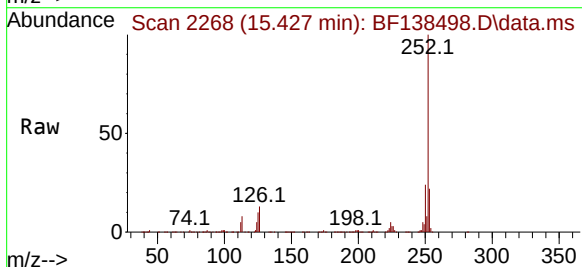
Tgt Ion:252 Resp: 463665

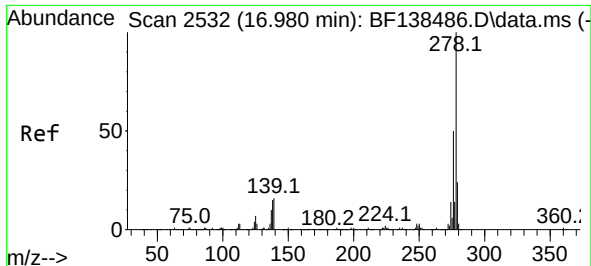
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 10.4 9.4 14.2

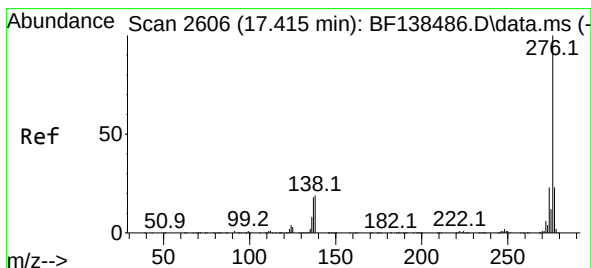
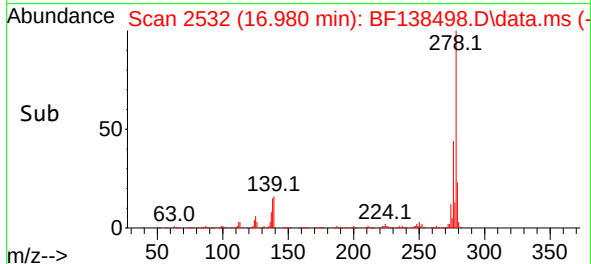
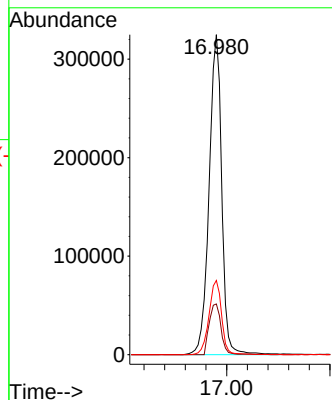
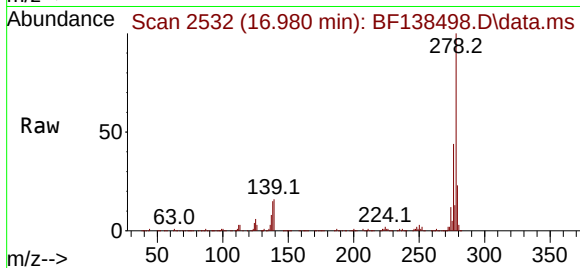




#91
Dibenzo(a,h)anthracene
Concen: 53.299 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :
BNA_F
ClientSampleId :
PB161976BS

Tgt Ion:278 Resp: 550857
Ion Ratio Lower Upper
278 100
139 15.9 12.8 19.2
279 23.2 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 51.089 ng
RT: 17.409 min Scan# 2605
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:276 Resp: 559905
Ion Ratio Lower Upper
276 100
277 23.9 18.0 27.0
138 22.4 15.5 23.3

