

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138499.D
 Acq On : 10 Jul 2024 13:58
 Operator : CG\JU
 Sample : PB161976BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161976BSD

Quant Time: Jul 10 14:19:17 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	105378	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	430636	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	232533	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	435588	20.000	ng	0.00
76) Chrysene-d12	14.027	240	221800	20.000	ng	0.00
86) Perylene-d12	15.486	264	190346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	606981	91.225	ng	0.01
7) Phenol-d6	6.504	99	810928	91.616	ng	0.00
23) Nitrobenzene-d5	7.434	82	769976	87.787	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	213473	98.227	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1348564	90.640	ng	0.00
79) Terphenyl-d14	12.974	244	1413110	103.793	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	113742	38.598	ng	98
3) Pyridine	3.481	79	290490	39.973	ng	98
4) n-Nitrosodimethylamine	3.451	42	217582	45.993	ng	93
6) Aniline	6.528	93	333910	40.276	ng	94
8) 2-Chlorophenol	6.651	128	344719	48.997	ng	95
9) Benzaldehyde	6.416	77	45011	9.501	ng	98
10) Phenol	6.522	94	448899	47.780	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	335763	47.466	ng	99
12) 1,3-Dichlorobenzene	6.810	146	344886	43.610	ng	98
13) 1,4-Dichlorobenzene	6.887	146	355065	44.213	ng	99
14) 1,2-Dichlorobenzene	7.034	146	340593	45.536	ng	99
15) Benzyl Alcohol	7.010	79	331395	49.888	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	667977	48.019	ng	99
17) 2-Methylphenol	7.128	107	280540	48.654	ng	97
18) Hexachloroethane	7.375	117	133030	45.060	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	260606	47.649	ng	99
20) 3+4-Methylphenols	7.281	107	341176	46.988	ng	# 88
22) Acetophenone	7.275	105	469460	44.886	ng	# 95
24) Nitrobenzene	7.451	77	391790	43.956	ng	97
25) Isophorone	7.692	82	729534	48.434	ng	98
26) 2-Nitrophenol	7.763	139	186605	48.846	ng	93
27) 2,4-Dimethylphenol	7.804	122	311114	66.261	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	424152	47.118	ng	98
29) 2,4-Dichlorophenol	8.010	162	287771	47.197	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	314672	44.302	ng	98
31) Naphthalene	8.169	128	993900	44.377	ng	99
32) Benzoic acid	7.945	122	211181	47.157	ng	96
33) 4-Chloroaniline	8.216	127	216504	27.551	ng	98
34) Hexachlorobutadiene	8.281	225	185704	42.457	ng	98
35) Caprolactam	8.598	113	51347	26.098	ng	94
36) 4-Chloro-3-methylphenol	8.710	107	322257	47.210	ng	97
37) 2-Methylnaphthalene	8.863	142	658191	45.667	ng	100
38) 1-Methylnaphthalene	8.963	142	605195	43.025	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	299017	46.139	ng	99
41) Hexachlorocyclopentadiene	9.016	237	370157	175.967	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	204873	49.558	ng	99

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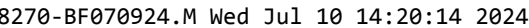
Instrument :
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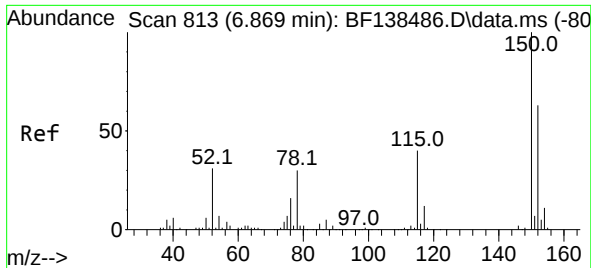
Quant Time: Jul 10 14:19:17 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	215767	47.454	ng	96
46) 1,1'-Biphenyl	9.328	154	816264	46.320	ng	99
47) 2-Chloronaphthalene	9.351	162	618819	46.482	ng	98
48) 2-Nitroaniline	9.451	65	234387	50.806	ng	95
49) Acenaphthylene	9.769	152	936073	49.524	ng	100
50) Dimethylphthalate	9.633	163	752351	50.037	ng	100
51) 2,6-Dinitrotoluene	9.692	165	170200	49.162	ng	90
52) Acenaphthene	9.939	154	603273	48.016	ng	99
53) 3-Nitroaniline	9.863	138	122177	34.432	ng	100
54) 2,4-Dinitrophenol	9.975	184	198632	105.335	ng	# 85
55) Dibenzofuran	10.110	168	878197	48.190	ng	98
56) 4-Nitrophenol	10.039	139	286929	109.592	ng	92
57) 2,4-Dinitrotoluene	10.098	165	227048	50.688	ng	97
58) Fluorene	10.457	166	685024	47.506	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.227	232	190151	52.990	ng	98
60) Diethylphthalate	10.327	149	725056	50.020	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	337887	46.665	ng	96
62) 4-Nitroaniline	10.480	138	174579	49.099	ng	98
63) Azobenzene	10.604	77	755976	48.508	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	136358	54.215	ng	80
66) n-Nitrosodiphenylamine	10.569	169	606339	46.461	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	207019	46.240	ng	100
68) Hexachlorobenzene	10.998	284	223107	44.858	ng	100
69) Atrazine	11.092	200	212173	49.036	ng	97
70) Pentachlorophenol	11.198	266	259025	88.013	ng	98
71) Phenanthrene	11.416	178	1035287	47.045	ng	99
72) Anthracene	11.469	178	1045179	47.846	ng	99
73) Carbazole	11.621	167	909514	46.330	ng	99
74) Di-n-butylphthalate	11.945	149	1103097	48.748	ng	99
75) Fluoranthene	12.604	202	1045522	46.561	ng	99
77) Benzidine	12.721	184	165175	29.517	ng	99
78) Pyrene	12.833	202	1056450	46.921	ng	99
80) Butylbenzylphthalate	13.445	149	371231	54.809	ng	98
81) Benzo(a)anthracene	14.015	228	709261	47.656	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	158793	41.407	ng	# 97
83) Chrysene	14.051	228	653650	46.427	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	407434	56.403	ng	97
85) Di-n-octyl phthalate	14.610	149	549009	48.110	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	674255	52.736	ng	100
88) Benzo(b)fluoranthene	15.062	252	537956	50.184	ng	99
89) Benzo(k)fluoranthene	15.092	252	510769	48.855	ng	99
90) Benzo(a)pyrene	15.427	252	469112	49.816	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	562434	53.777	ng	99
92) Benzo(g,h,i)perylene	17.409	276	567672	51.186	ng	97

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

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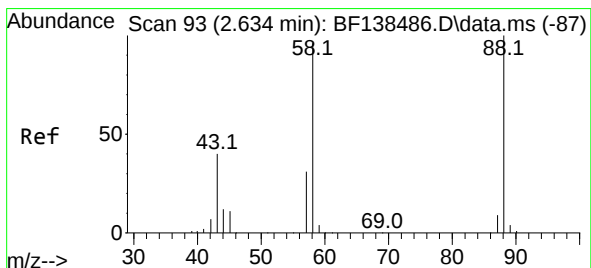
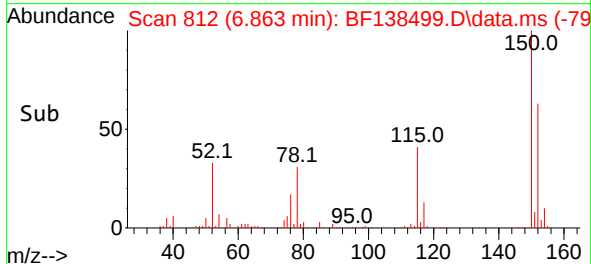
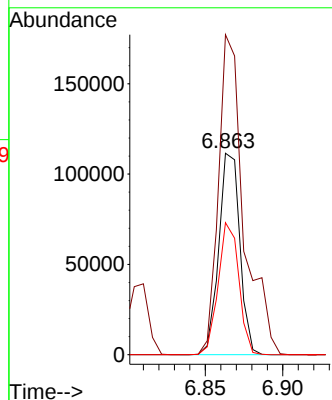
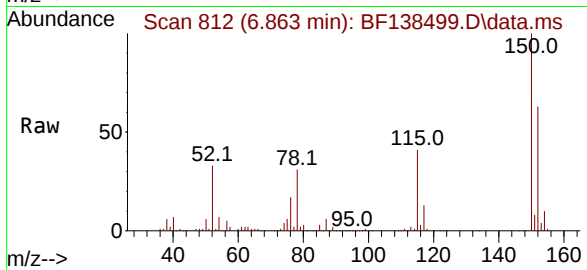




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF138499.D
 Acq: 10 Jul 2024 13:58

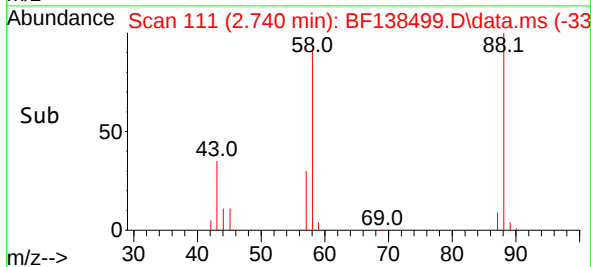
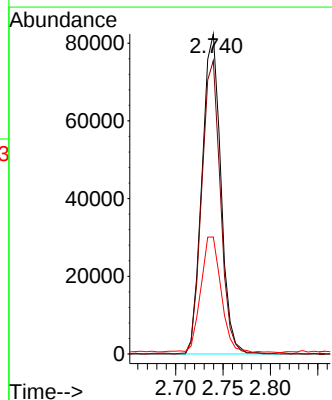
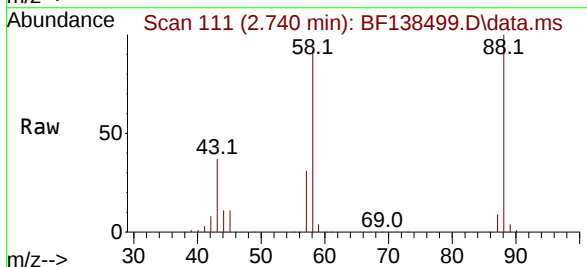
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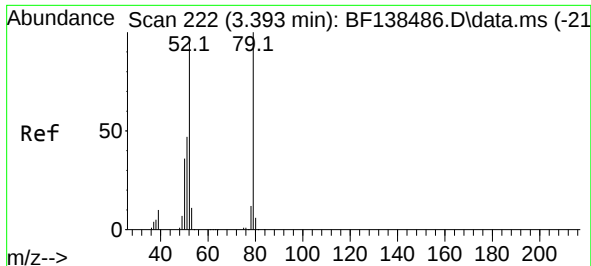
Tgt Ion:152 Resp: 105378
 Ion Ratio Lower Upper
 152 100
 150 158.8 126.2 189.4
 115 65.5 50.3 75.5



#2
 1,4-Dioxane
 Concen: 38.598 ng
 RT: 2.740 min Scan# 111
 Delta R.T. 0.106 min
 Lab File: BF138499.D
 Acq: 10 Jul 2024 13:58

Tgt Ion: 88 Resp: 113742
 Ion Ratio Lower Upper
 88 100
 58 91.2 74.6 112.0
 43 39.5 31.8 47.6





#3

Pyridine

Concen: 39.973 ng

RT: 3.481 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

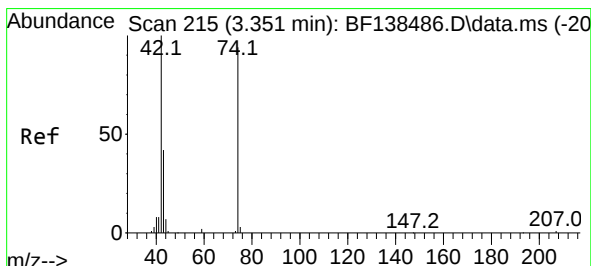
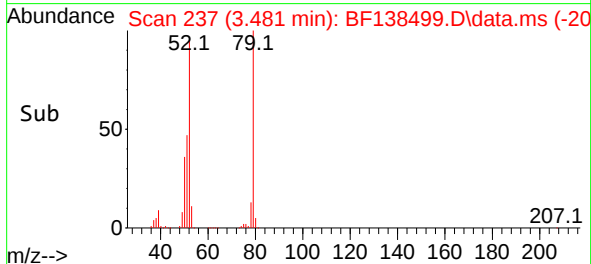
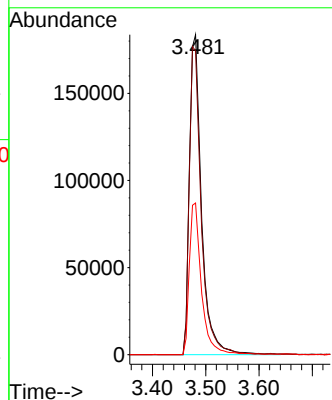
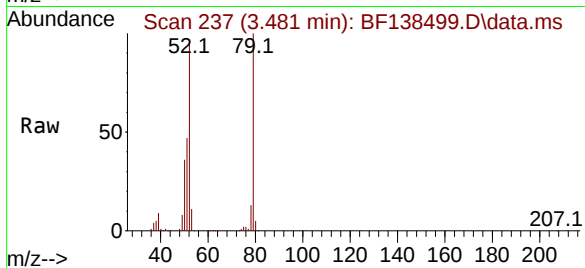
Tgt Ion: 79 Resp: 290490

Ion Ratio Lower Upper

79 100

52 94.9 77.4 116.2

51 47.4 37.4 56.0



#4

n-Nitrosodimethylamine

Concen: 45.993 ng

RT: 3.451 min Scan# 232

Delta R.T. 0.100 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

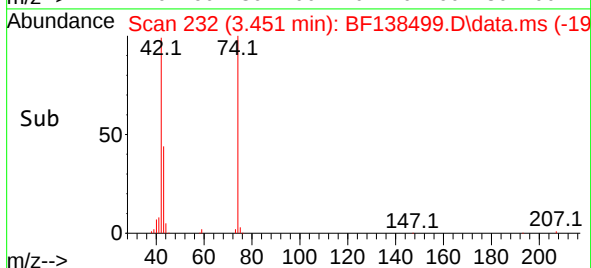
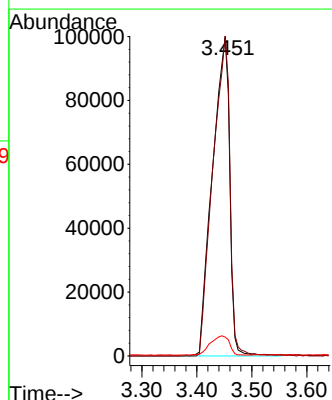
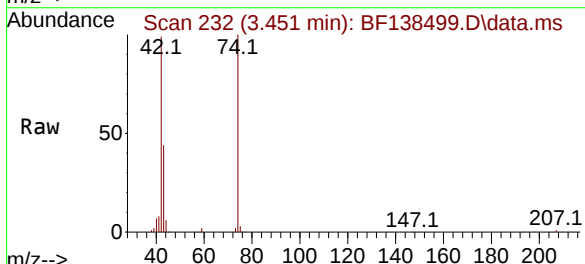
Tgt Ion: 42 Resp: 217582

Ion Ratio Lower Upper

42 100

74 100.5 75.0 112.6

44 5.9 5.4 8.2

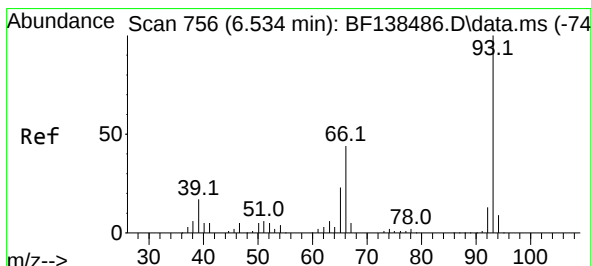
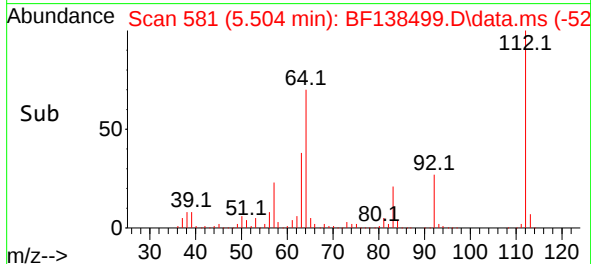
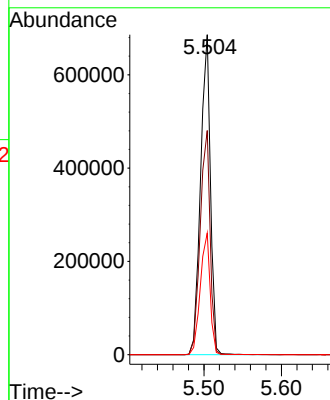
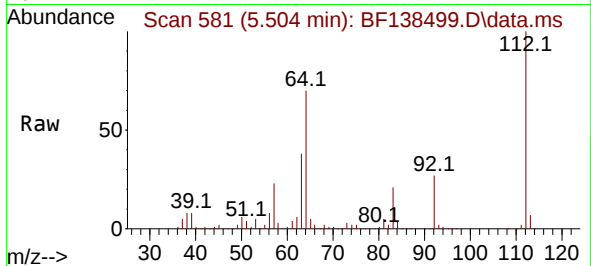




#5
2-Fluorophenol
Concen: 91.225 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

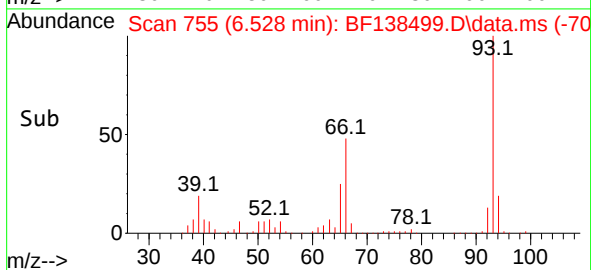
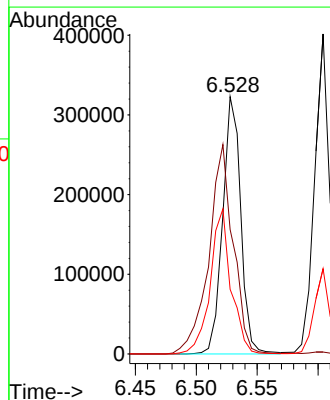
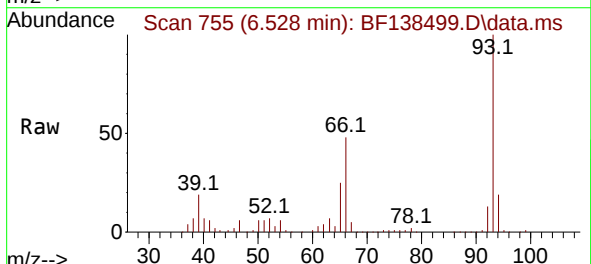
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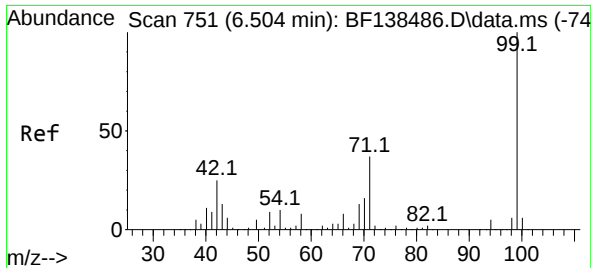
Tgt Ion:112 Resp: 606981
Ion Ratio Lower Upper
112 100
64 70.1 55.1 82.7
63 38.0 29.0 43.6



#6
Aniline
Concen: 40.276 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion: 93 Resp: 333910
Ion Ratio Lower Upper
93 100
66 48.3 35.4 53.0
65 25.1 18.6 27.8





#7

Phenol-d6

Concen: 91.616 ng

RT: 6.504 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

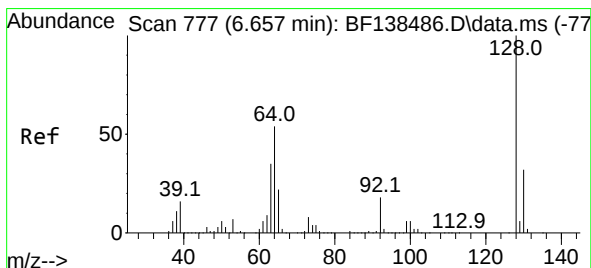
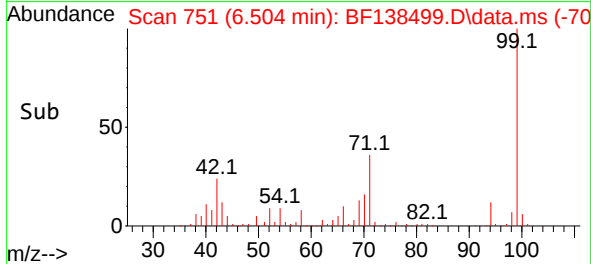
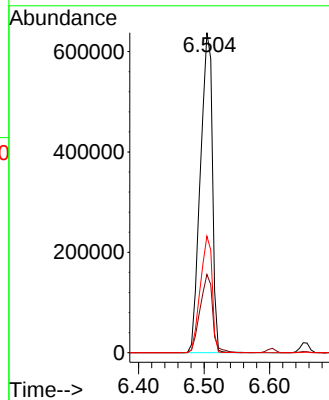
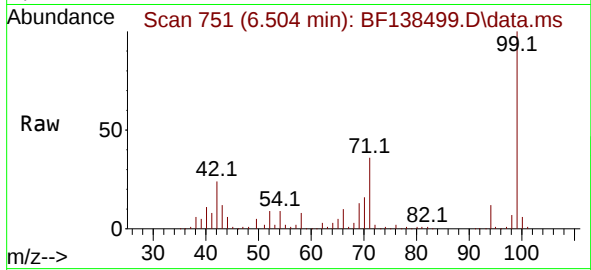
Tgt Ion: 99 Resp: 810928

Ion Ratio Lower Upper

99 100

42 24.5 19.7 29.5

71 36.4 29.9 44.9



#8

2-Chlorophenol

Concen: 48.997 ng

RT: 6.651 min Scan# 776

Delta R.T. -0.006 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

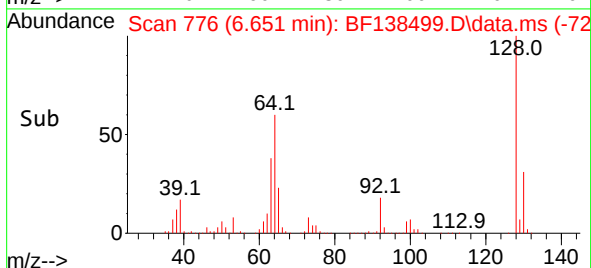
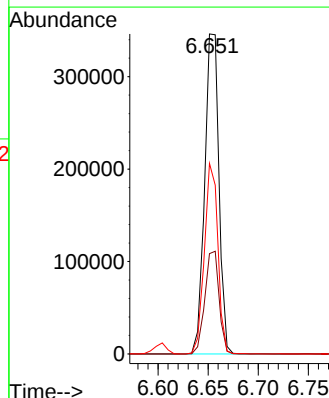
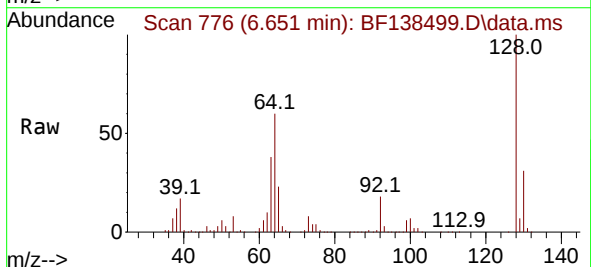
Tgt Ion:128 Resp: 344719

Ion Ratio Lower Upper

128 100

130 31.4 12.1 52.1

64 59.5 34.4 74.4





#9

Benzaldehyde

Concen: 9.501 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

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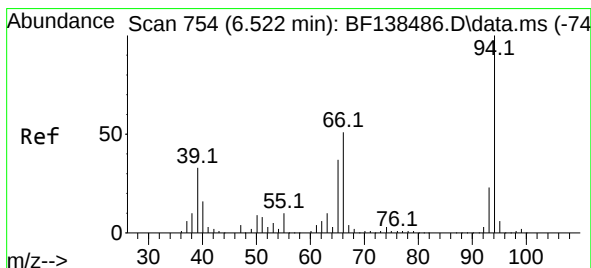
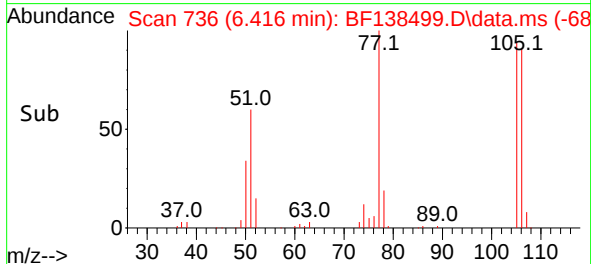
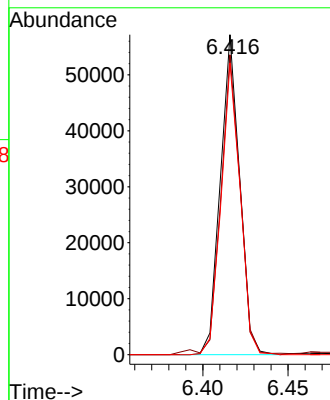
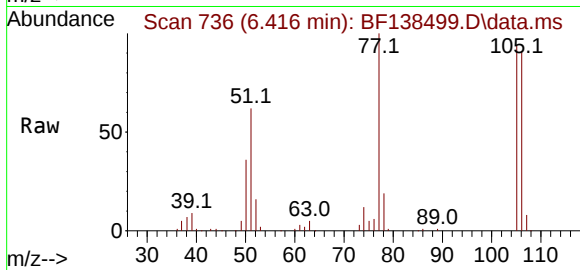
Tgt Ion: 77 Resp: 45011

Ion Ratio Lower Upper

77 100

105 93.7 75.1 115.1

106 91.1 73.2 113.2



#10

Phenol

Concen: 47.780 ng

RT: 6.522 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

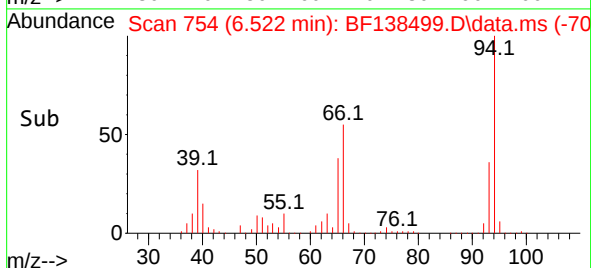
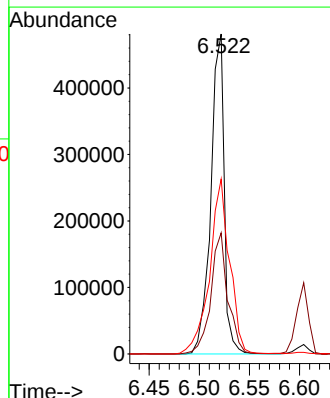
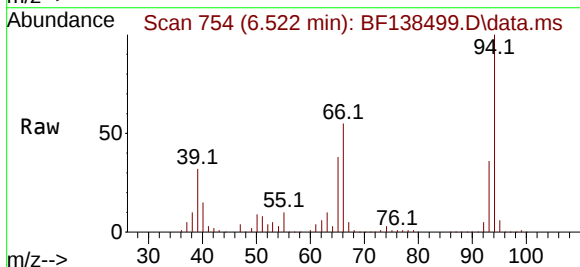
Tgt Ion: 94 Resp: 448899

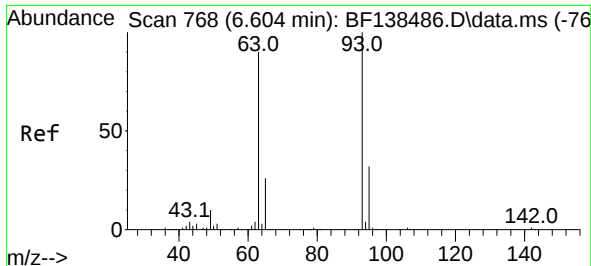
Ion Ratio Lower Upper

94 100

65 37.9 16.7 56.7

66 54.6 31.2 71.2

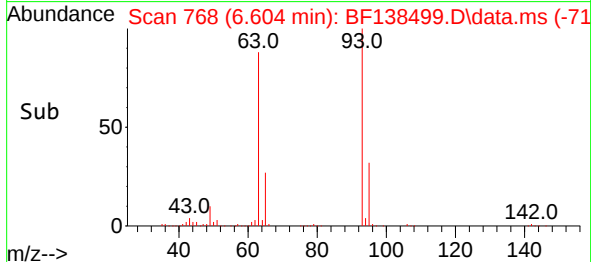
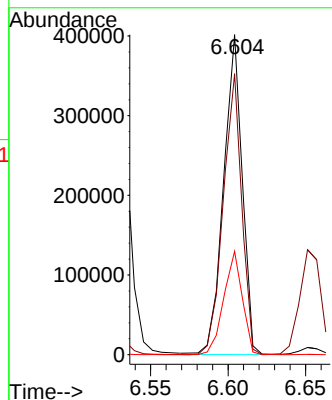
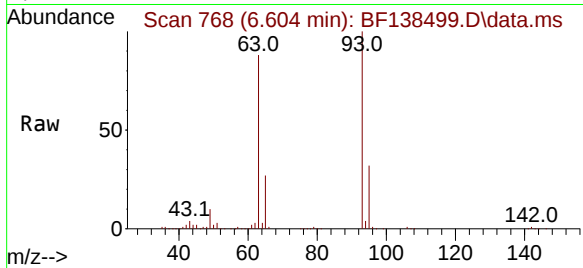




#11
bis(2-Chloroethyl)ether
Concen: 47.466 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

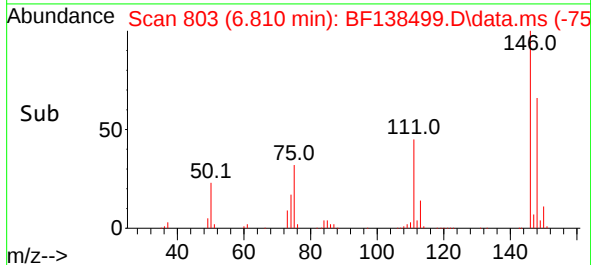
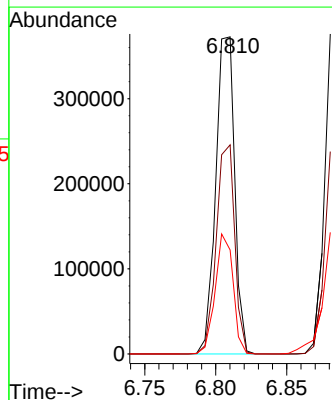
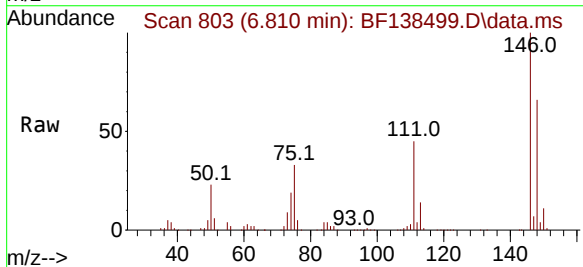
Instrument :
BNA_F
ClientSampleId :
PB161976BSD

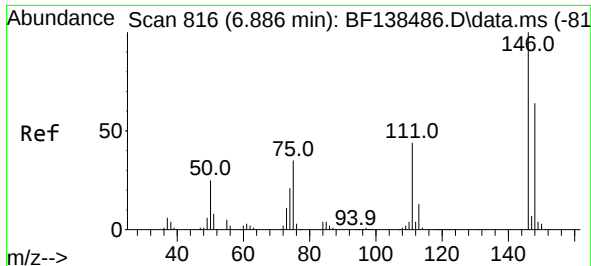
Tgt Ion: 93 Resp: 335763
Ion Ratio Lower Upper
93 100
63 87.8 68.8 108.8
95 32.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.610 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:146 Resp: 344886
Ion Ratio Lower Upper
146 100
148 66.0 52.4 78.6
75 32.8 27.8 41.8

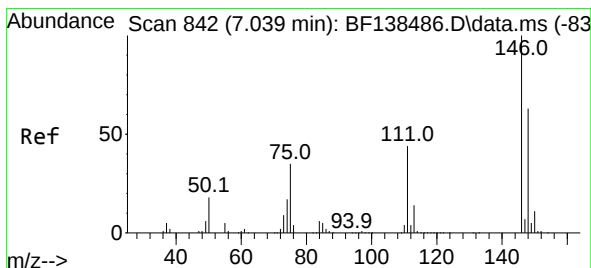
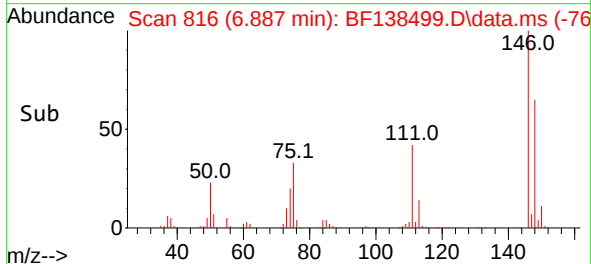
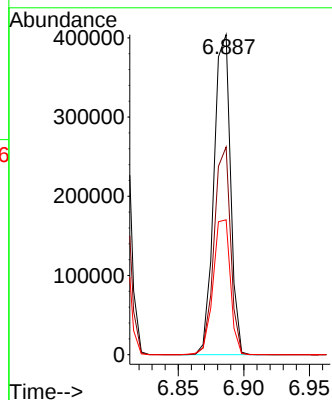
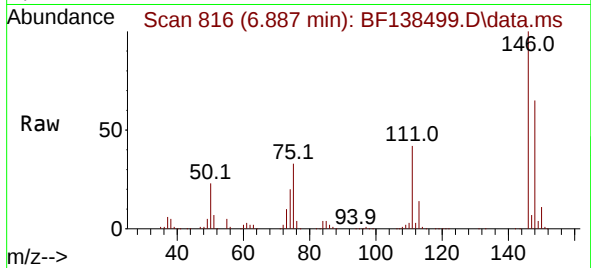




#13
1,4-Dichlorobenzene
Concen: 44.213 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

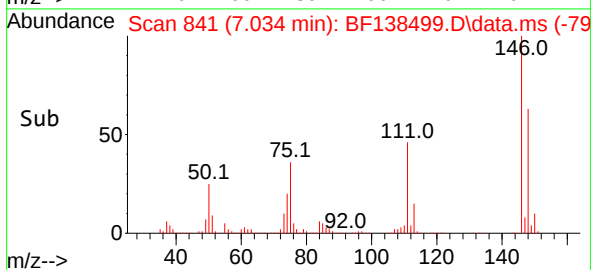
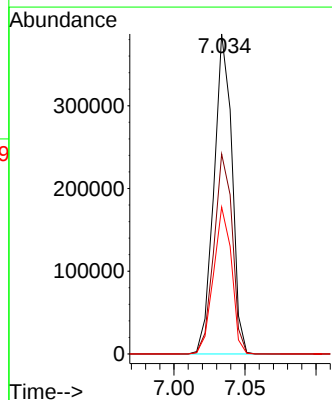
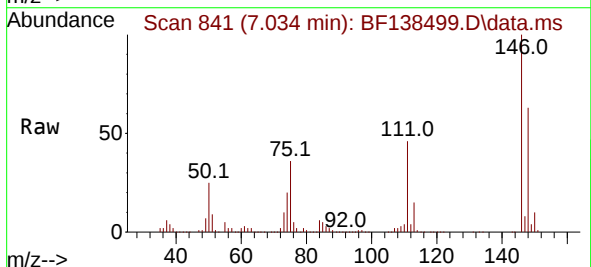
Instrument :
BNA_F
ClientSampleId :
PB161976BSD

Tgt Ion:146 Resp: 355065
Ion Ratio Lower Upper
146 100
148 64.9 51.6 77.4
111 42.2 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 45.536 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:146 Resp: 340593
Ion Ratio Lower Upper
146 100
148 62.5 50.1 75.1
111 45.9 35.5 53.3

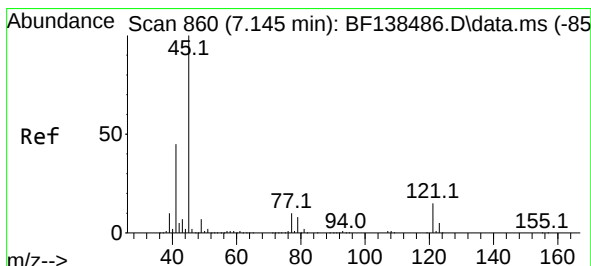
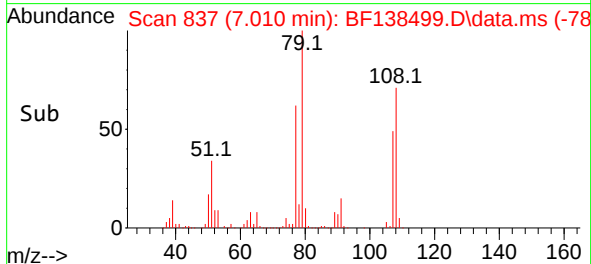
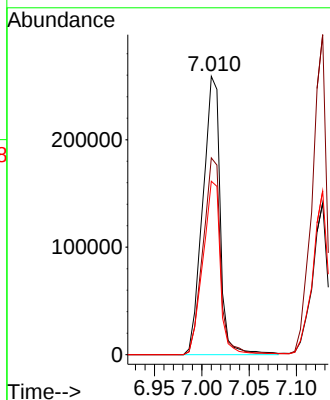
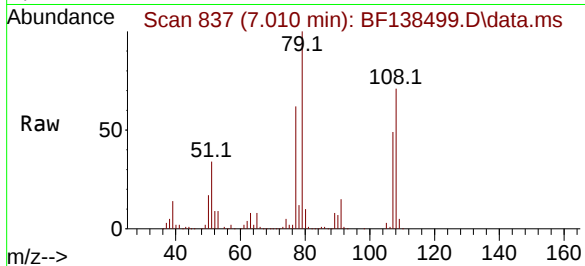




#15
Benzyl Alcohol
Concen: 49.888 ng
RT: 7.010 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

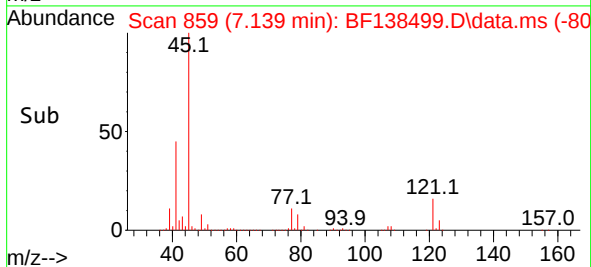
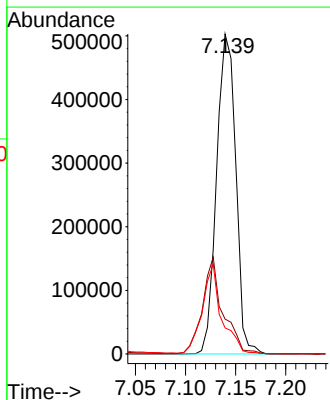
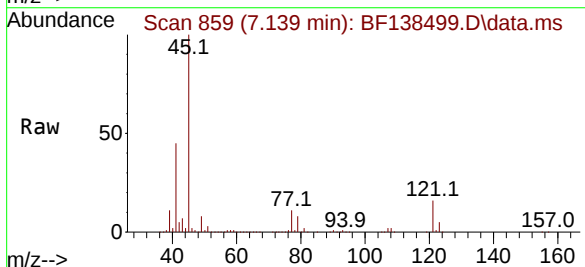
Instrument :
BNA_F
ClientSampleId :
PB161976BSD

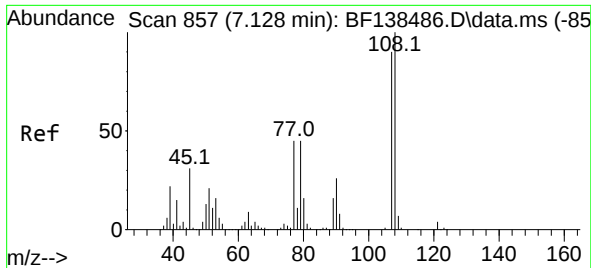
Tgt Ion: 79 Resp: 331395
Ion Ratio Lower Upper
79 100
108 70.7 54.3 81.5
77 62.3 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.019 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion: 45 Resp: 667977
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.4
79 8.2 0.0 28.1

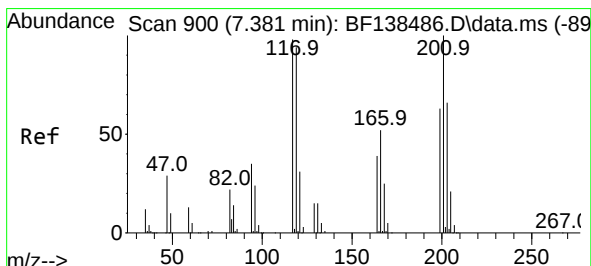
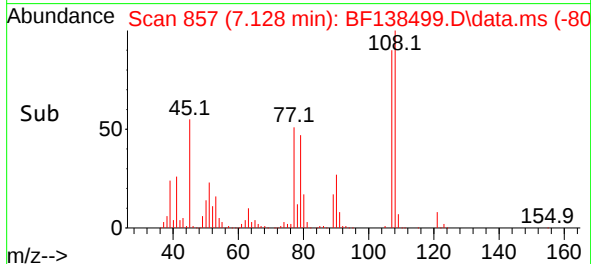
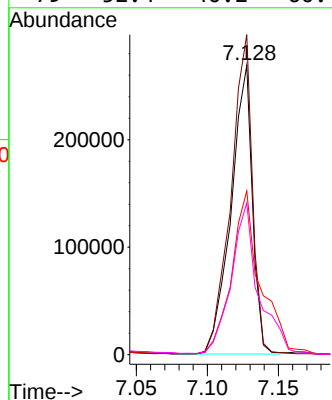
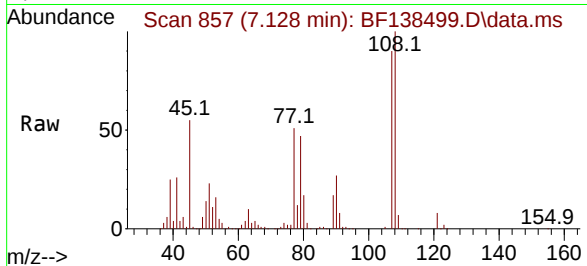




#17
2-Methylphenol
Concen: 48.654 ng
RT: 7.128 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

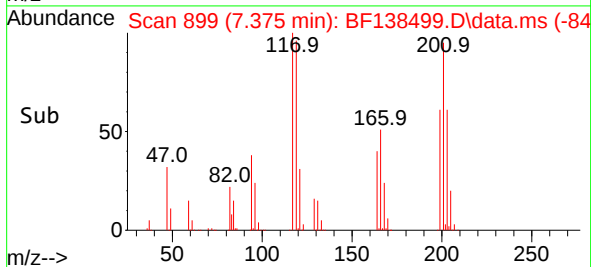
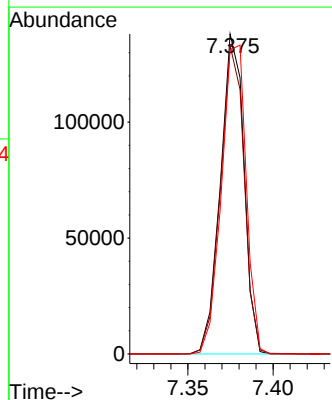
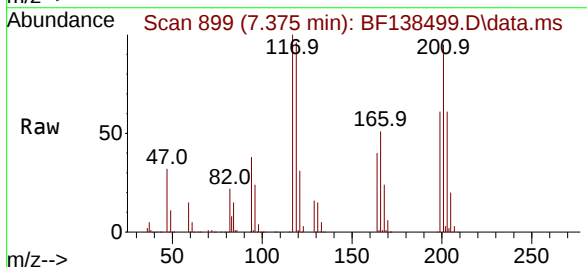
Instrument :
BNA_F
ClientSampleId :
PB161976BSD

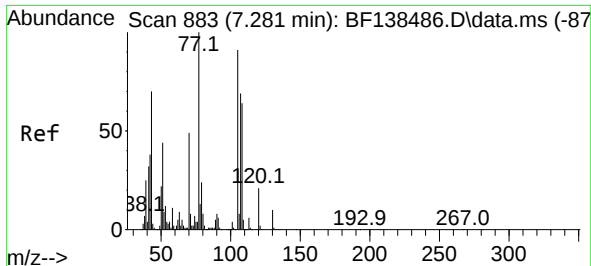
Tgt Ion:107 Resp: 280540
Ion Ratio Lower Upper
107 100
108 110.6 89.0 133.4
77 56.6 40.3 60.5
79 52.4 40.2 60.4



#18
Hexachloroethane
Concen: 45.060 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:117 Resp: 133030
Ion Ratio Lower Upper
117 100
119 96.4 76.6 114.8
201 95.1 81.4 122.0





#19

n-Nitroso-di-n-propylamine

Concen: 47.649 ng

RT: 7.281 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

Tgt Ion: 70 Resp: 260606

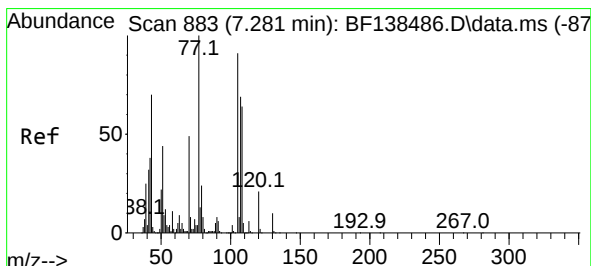
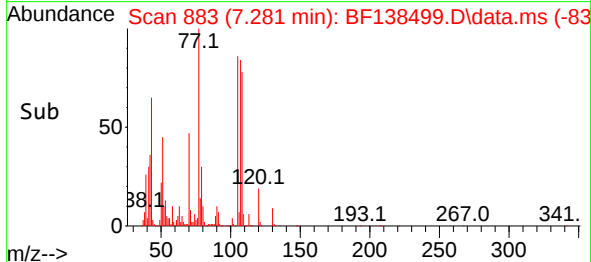
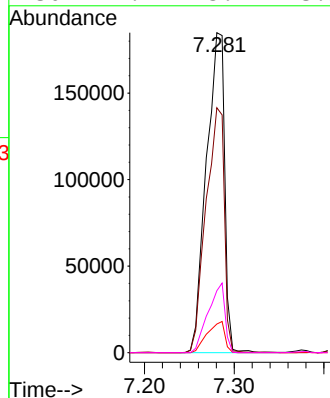
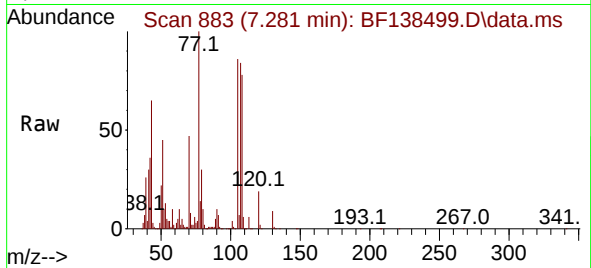
Ion Ratio Lower Upper

70 100

42 76.6 62.4 93.6

101 9.0 7.2 10.8

130 19.4 15.7 23.5



#20

3+4-Methylphenols

Concen: 46.988 ng

RT: 7.281 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Tgt Ion:107 Resp: 341176

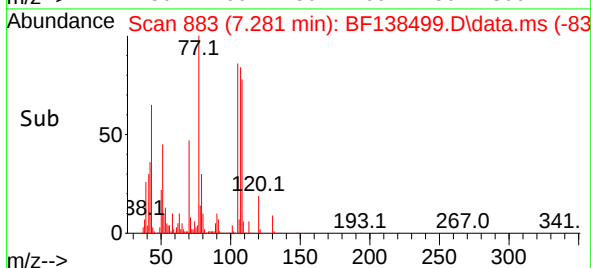
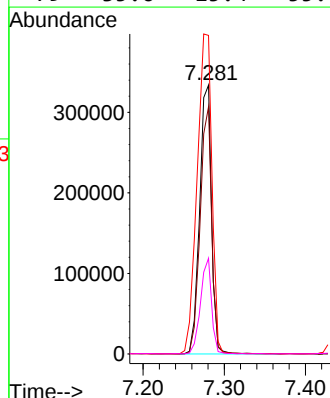
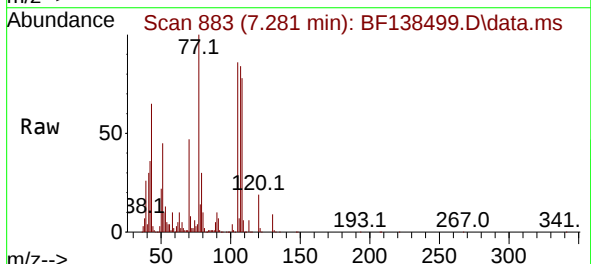
Ion Ratio Lower Upper

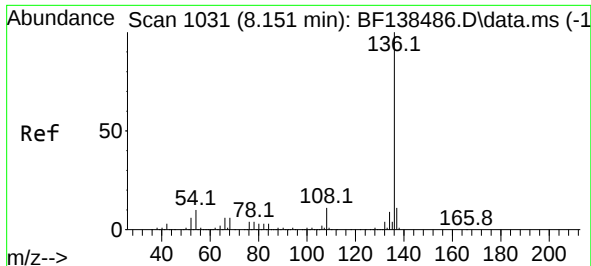
107 100

108 91.9 73.7 113.7

77 118.5 126.0 166.0#

79 35.6 15.4 55.4

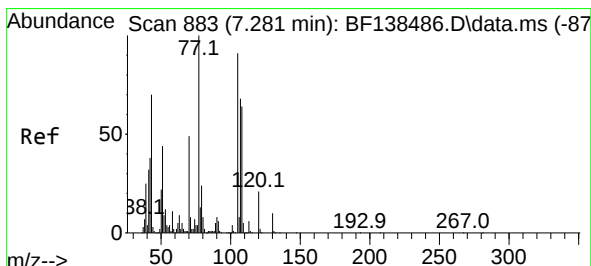
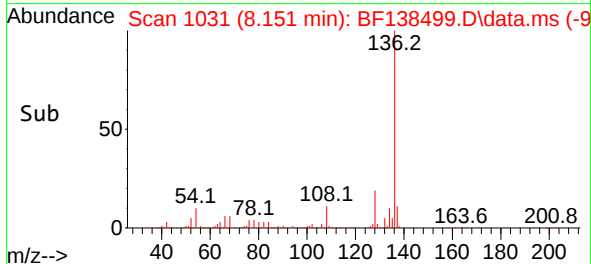
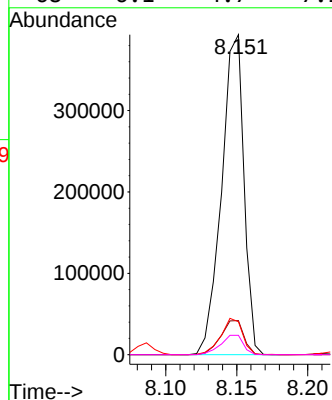
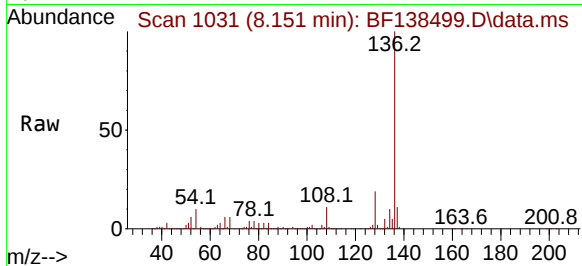




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

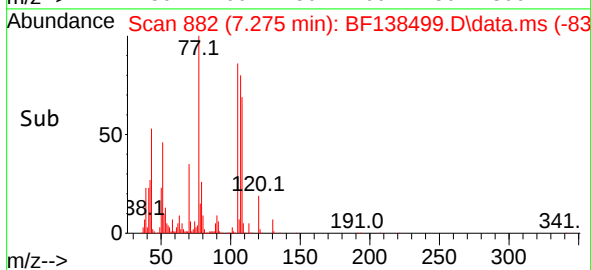
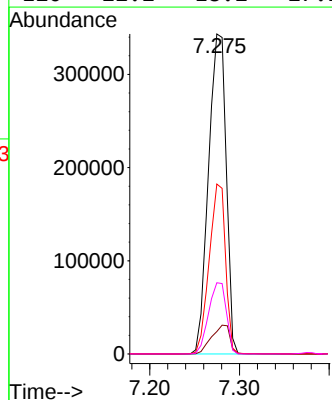
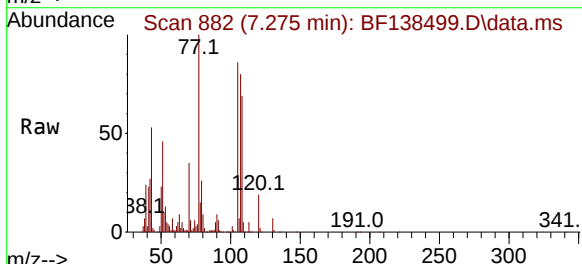
Instrument :
BNA_F
ClientSampleId :
PB161976BSD

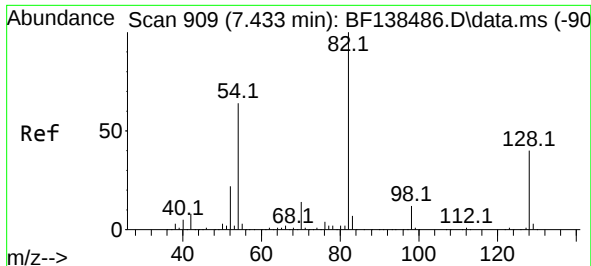
Tgt Ion:136 Resp: 430636
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 10.3 8.1 12.1
68 6.1 4.7 7.1



#22
Acetophenone
Concen: 44.886 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:105 Resp: 469460
Ion Ratio Lower Upper
105 100
71 7.0 7.4 11.2#
51 53.1 38.7 58.1
120 22.2 18.2 27.2





#23

Nitrobenzene-d5

Concen: 87.787 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

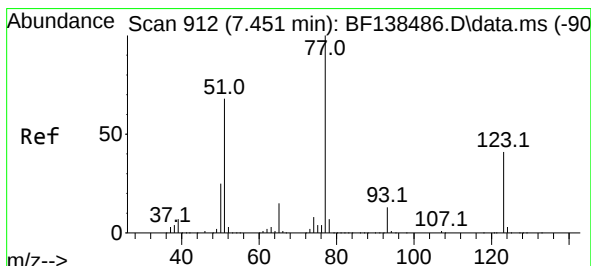
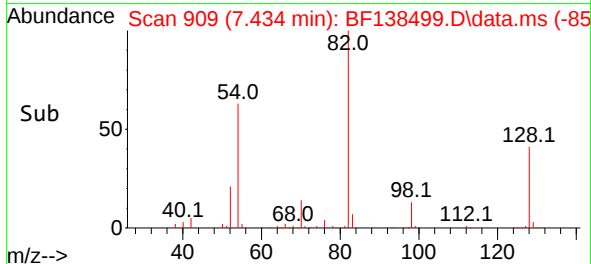
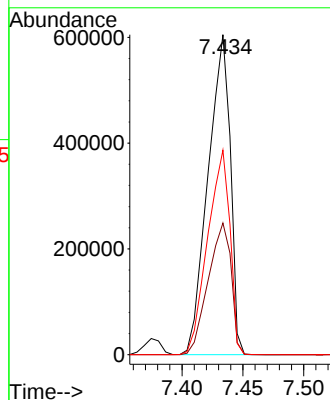
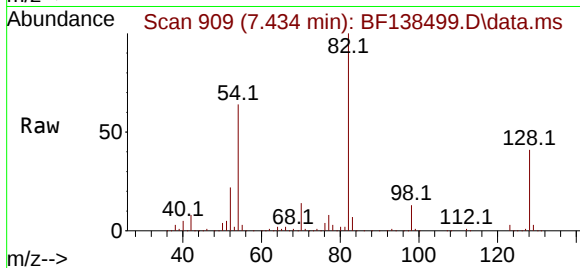
Tgt Ion: 82 Resp: 769976

Ion Ratio Lower Upper

82 100

128 41.1 32.3 48.5

54 63.9 51.4 77.0



#24

Nitrobenzene

Concen: 43.956 ng

RT: 7.451 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

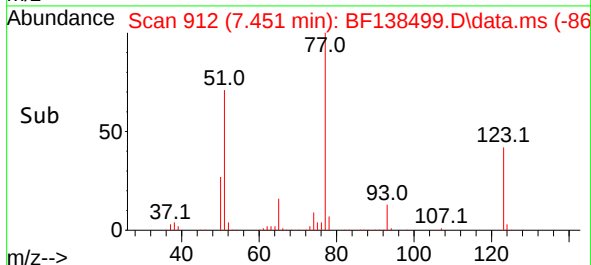
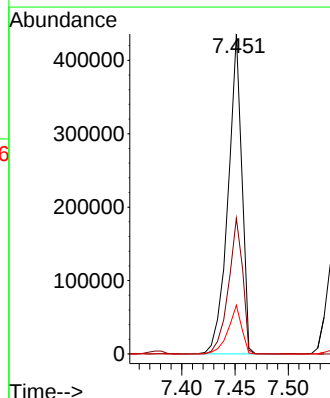
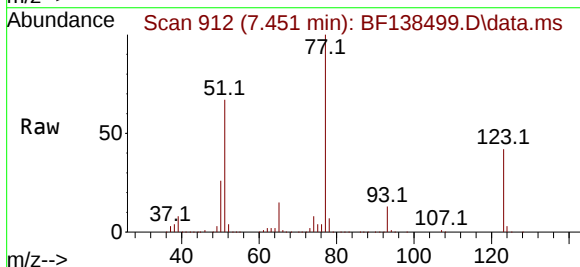
Tgt Ion: 77 Resp: 391790

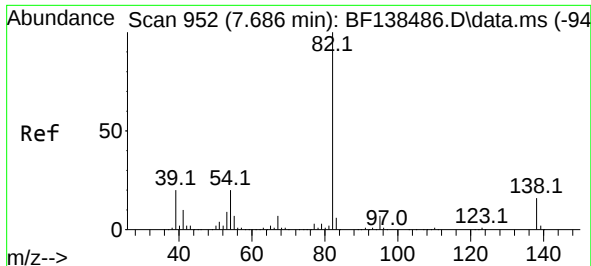
Ion Ratio Lower Upper

77 100

123 42.4 32.4 48.6

65 15.2 11.8 17.8

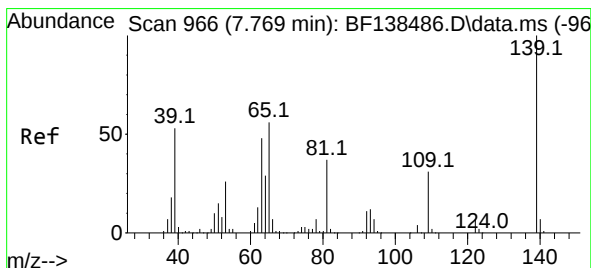
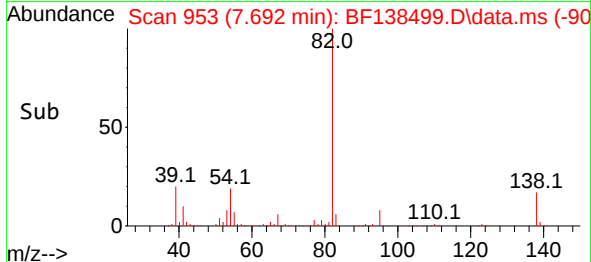
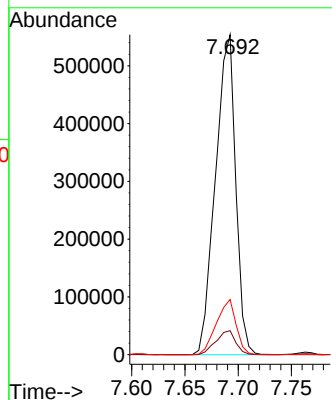
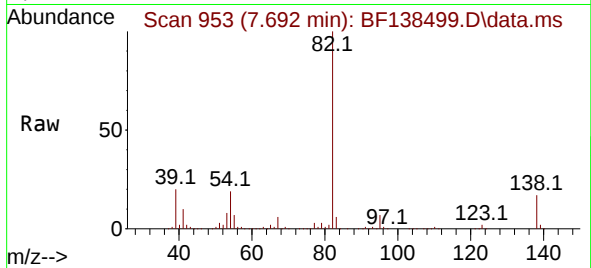




#25
Isophorone
Concen: 48.434 ng
RT: 7.692 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

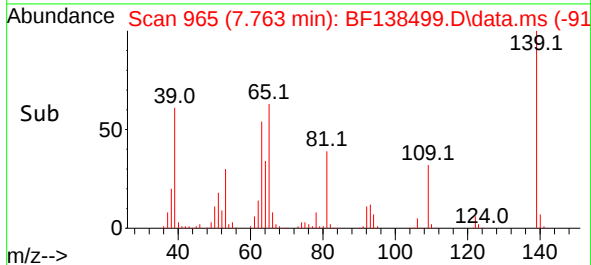
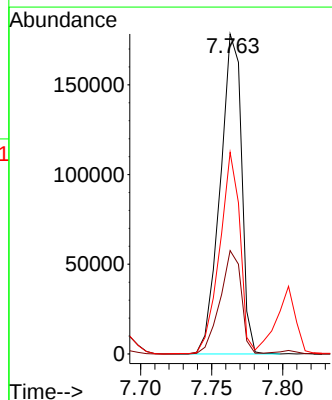
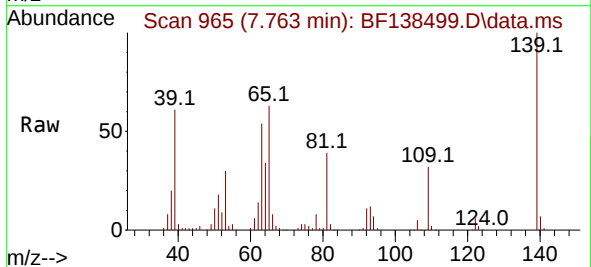
Instrument :
BNA_F
ClientSampleId :
PB161976BSD

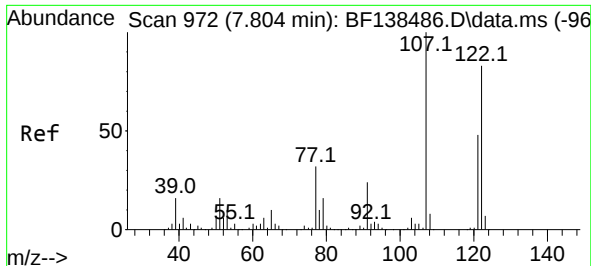
Tgt Ion: 82 Resp: 729534
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 17.3 12.8 19.2



#26
2-Nitrophenol
Concen: 48.846 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:139 Resp: 186605
Ion Ratio Lower Upper
139 100
109 32.3 24.8 37.2
65 63.0 45.1 67.7

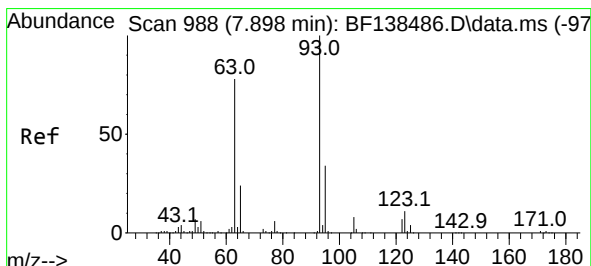
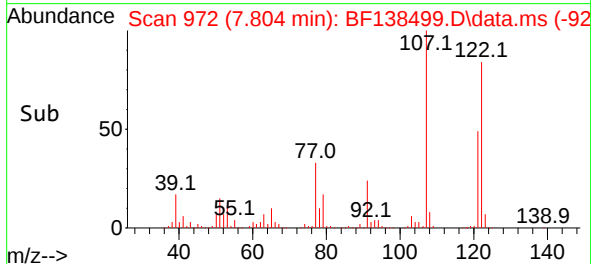
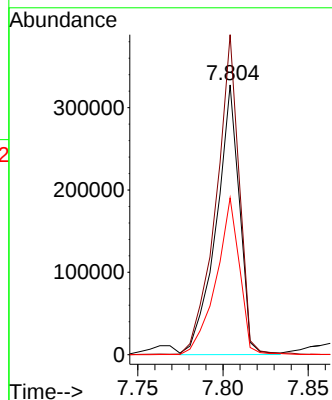
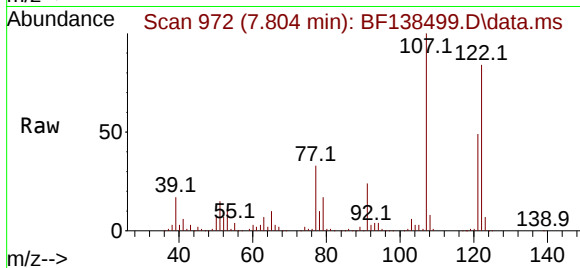




#27
2,4-Dimethylphenol
Concen: 66.261 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

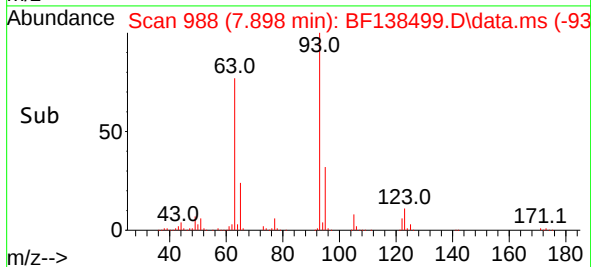
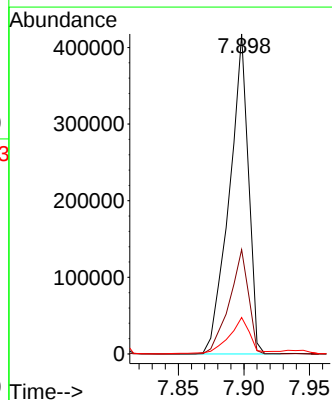
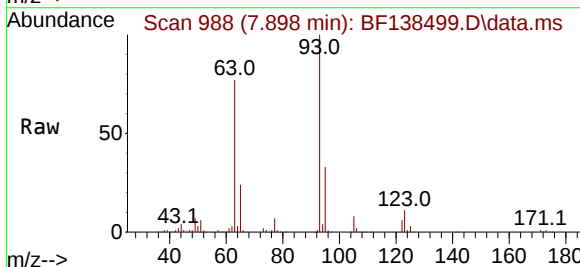
Instrument :
BNA_F
ClientSampleId :
PB161976BSD

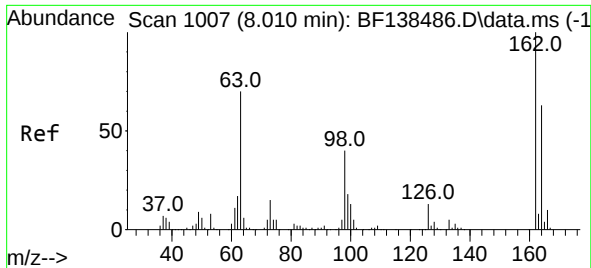
Tgt Ion:122 Resp: 311114
Ion Ratio Lower Upper
122 100
107 118.6 96.3 144.5
121 58.1 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 47.118 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion: 93 Resp: 424152
Ion Ratio Lower Upper
93 100
95 32.6 27.0 40.6
123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 47.197 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

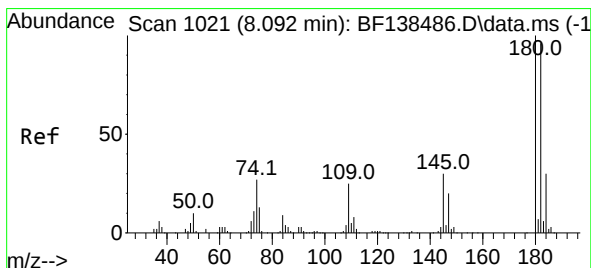
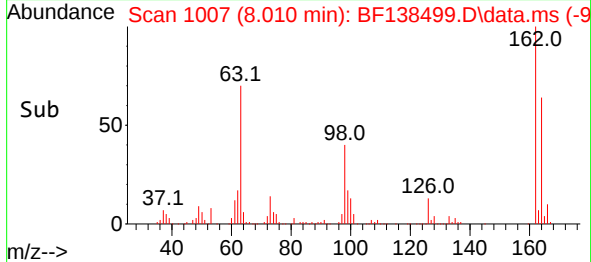
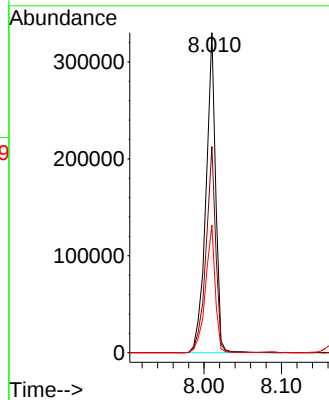
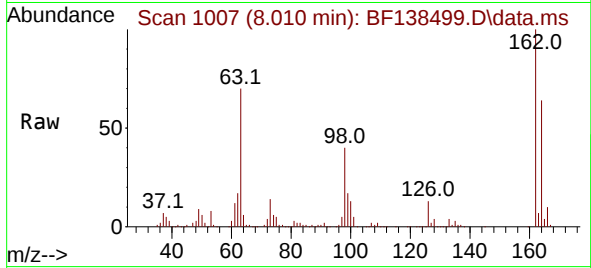
Tgt Ion:162 Resp: 287771

Ion Ratio Lower Upper

162 100

164 64.4 42.6 82.6

98 39.8 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 44.302 ng

RT: 8.086 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

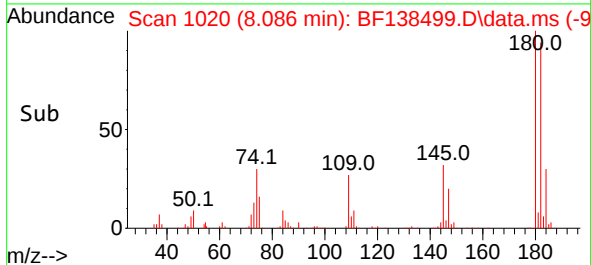
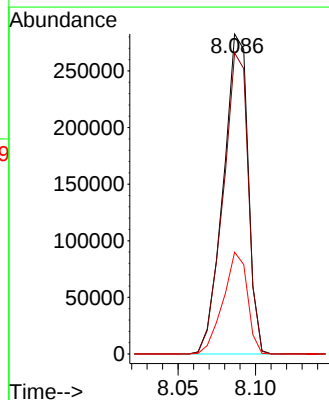
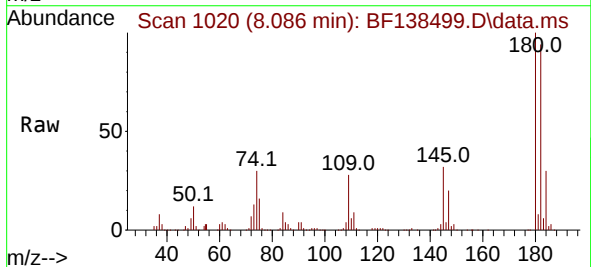
Tgt Ion:180 Resp: 314672

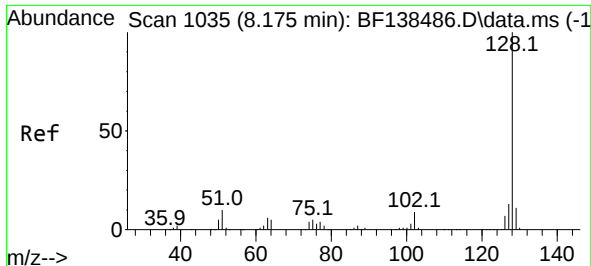
Ion Ratio Lower Upper

180 100

182 94.1 76.9 115.3

145 31.8 23.9 35.9

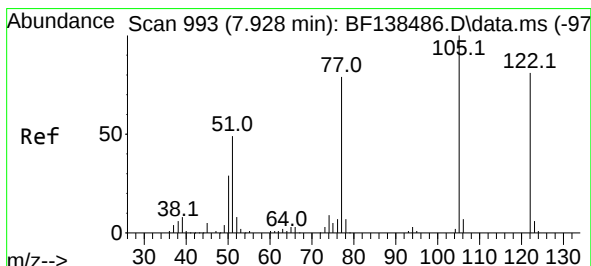
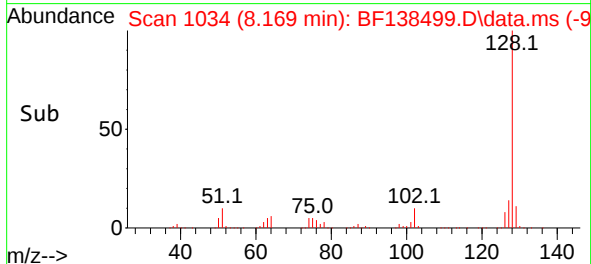
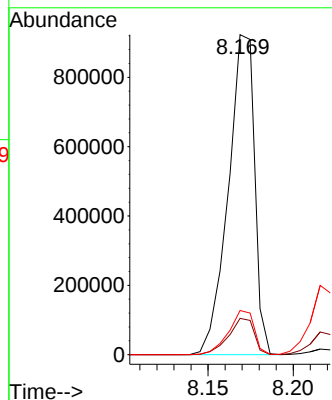
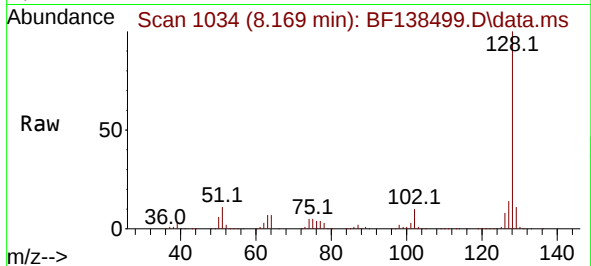




#31
Naphthalene
Concen: 44.377 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

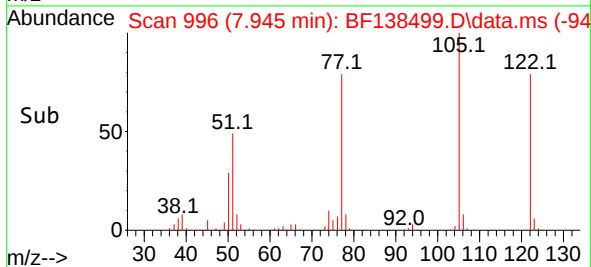
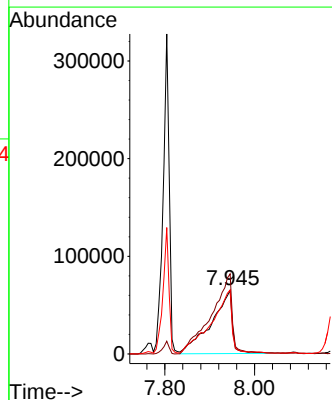
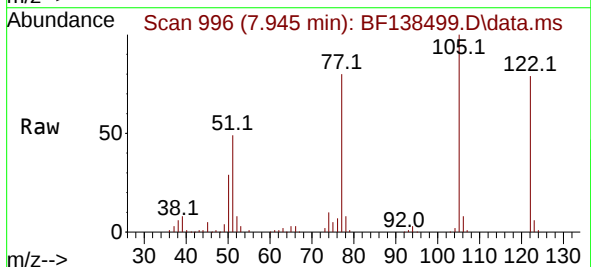
Instrument :
BNA_F
ClientSampleId :
PB161976BSD

Tgt Ion:128 Resp: 993900
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.8 10.7 16.1



#32
Benzoic acid
Concen: 47.157 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.018 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:122 Resp: 211181
Ion Ratio Lower Upper
122 100
105 126.1 101.5 141.5
77 100.8 77.3 117.3

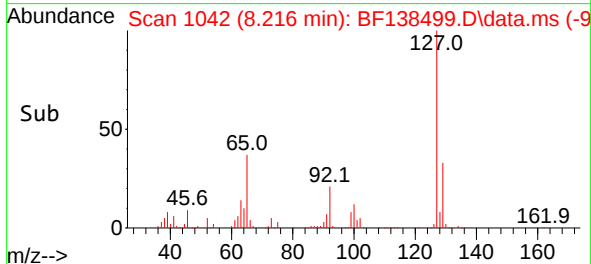
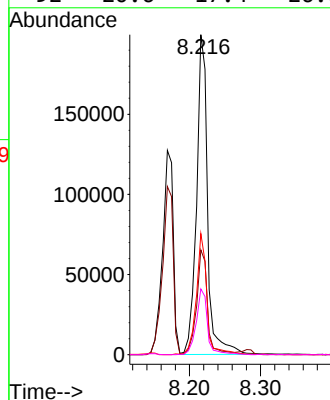
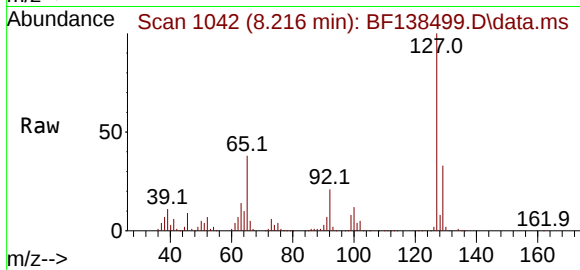




#33
4-Chloroaniline
Concen: 27.551 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

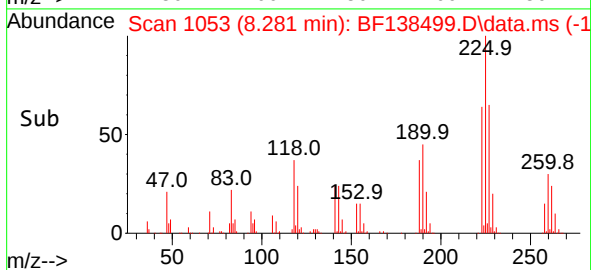
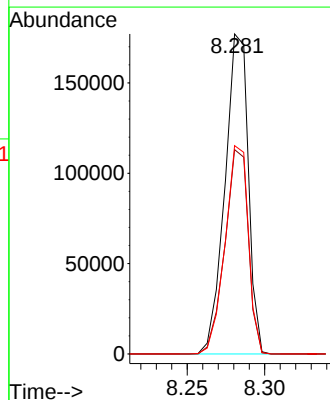
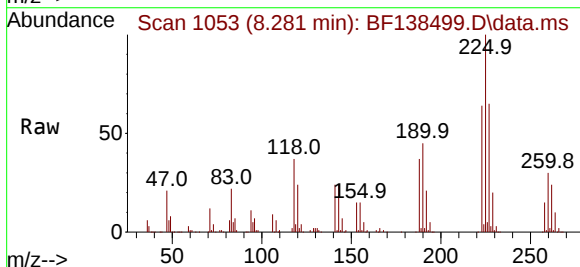
Instrument :
BNA_F
ClientSampleId :
PB161976BSD

Tgt Ion:	127	Resp:	216504
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.6	38.4
65	37.8	29.6	44.4
92	20.6	17.4	26.0



#34
Hexachlorobutadiene
Concen: 42.457 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:	225	Resp:	185704
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.0	75.0
227	65.1	51.0	76.6

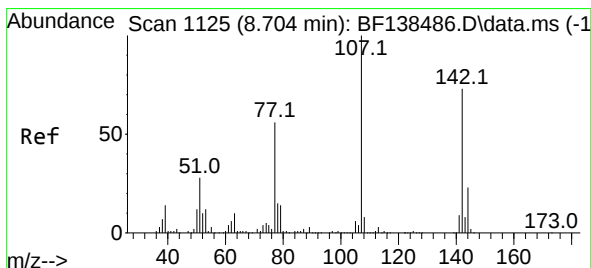
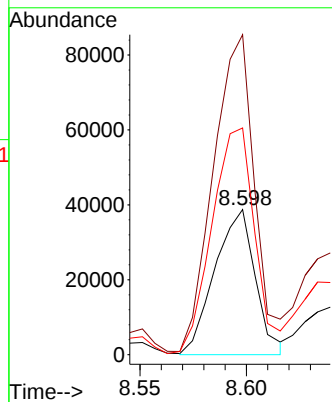
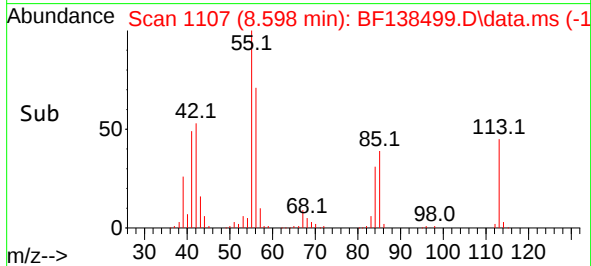
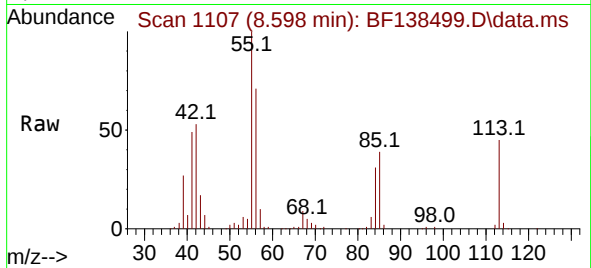




#35
 Caprolactam
 Concen: 26.098 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: BF138499.D
 Acq: 10 Jul 2024 13:58

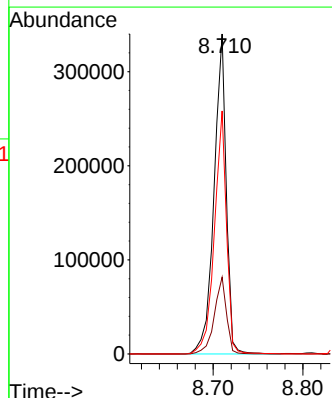
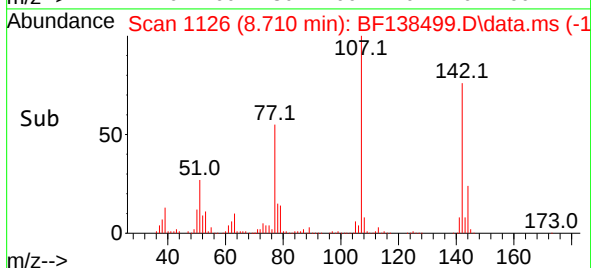
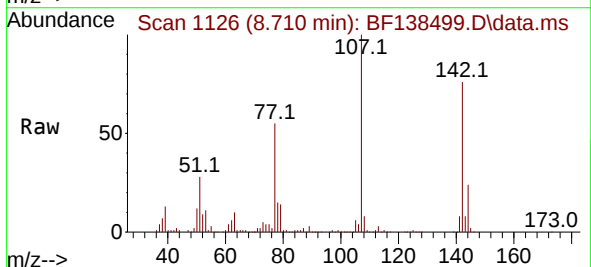
Instrument :
 BNA_F
 ClientSampleId :
 PB161976BSD

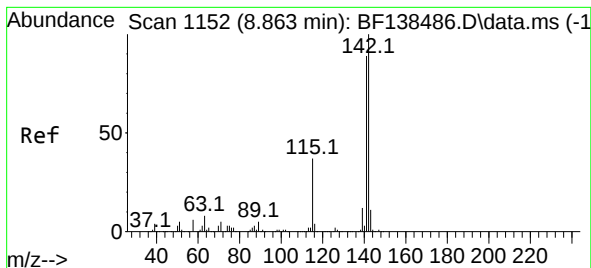
Tgt Ion:113 Resp: 51347
 Ion Ratio Lower Upper
 113 100
 55 220.6 192.5 232.5
 56 156.2 145.3 185.3



#36
 4-Chloro-3-methylphenol
 Concen: 47.210 ng
 RT: 8.710 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF138499.D
 Acq: 10 Jul 2024 13:58

Tgt Ion:107 Resp: 322257
 Ion Ratio Lower Upper
 107 100
 144 24.0 18.6 27.8
 142 76.0 58.6 88.0





#37

2-Methylnaphthalene

Concen: 45.667 ng

RT: 8.863 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

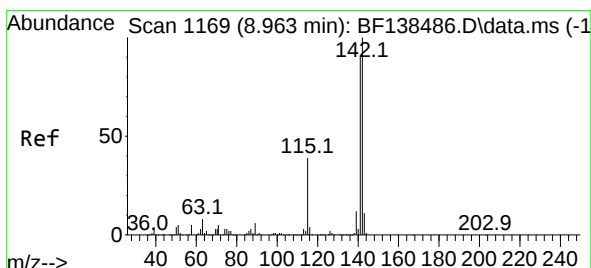
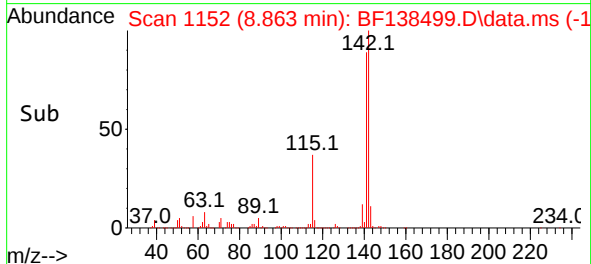
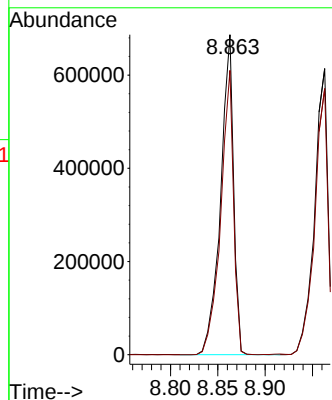
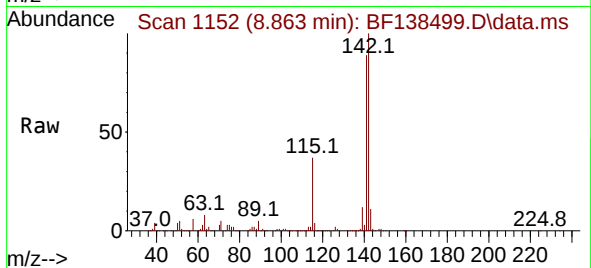
PB161976BSD

Tgt Ion:142 Resp: 658191

Ion Ratio Lower Upper

142 100

141 88.9 71.4 107.0



#38

1-Methylnaphthalene

Concen: 43.025 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF138499.D

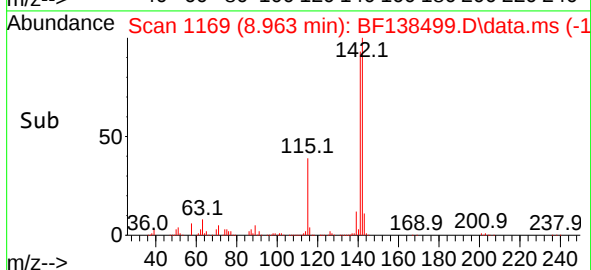
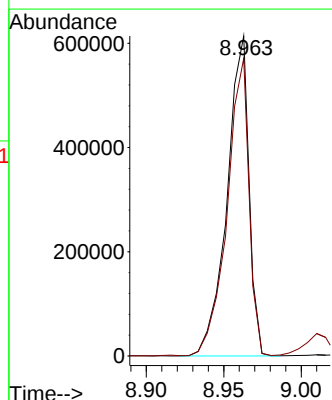
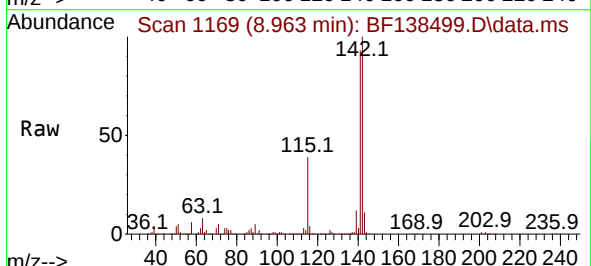
Acq: 10 Jul 2024 13:58

Tgt Ion:142 Resp: 605195

Ion Ratio Lower Upper

142 100

141 93.0 72.6 108.8

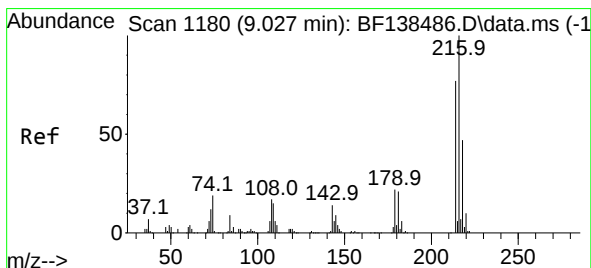
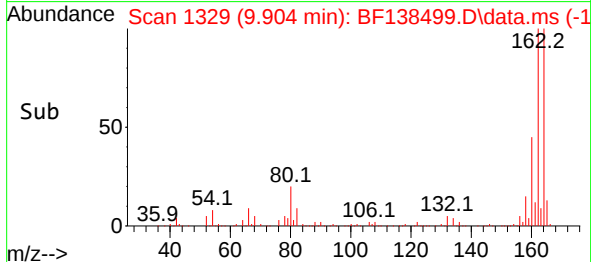
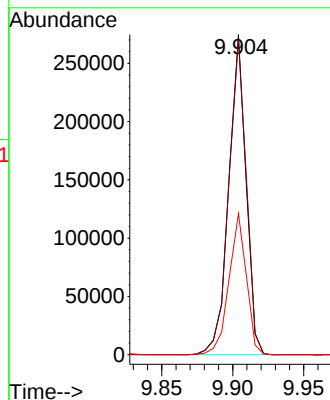
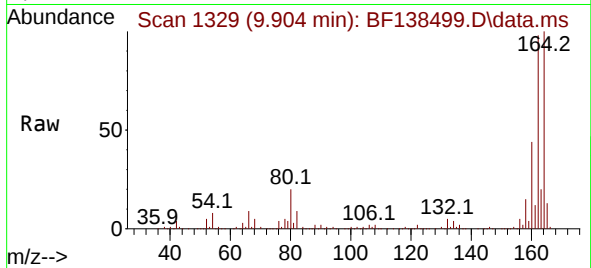




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

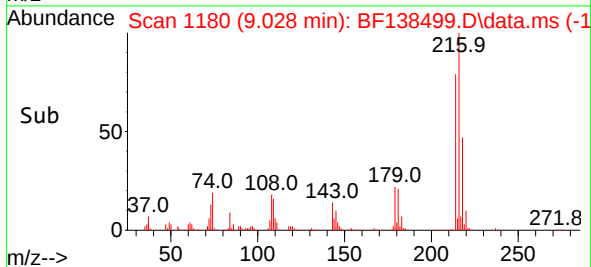
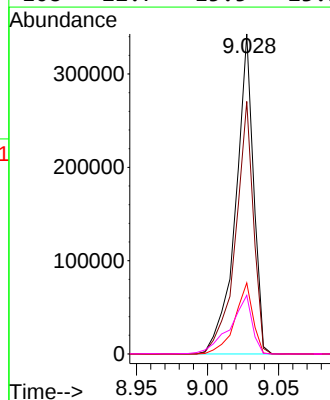
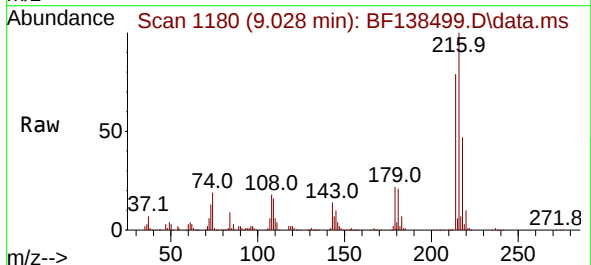
Instrument :
BNA_F
ClientSampleId :
PB161976BSD

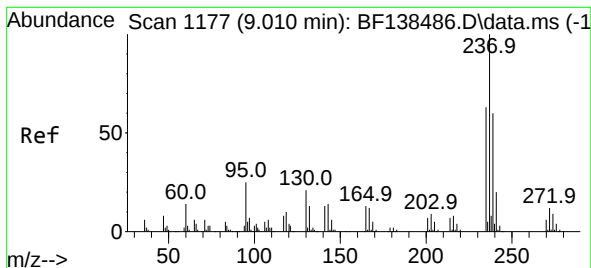
Tgt Ion:164 Resp: 232533
Ion Ratio Lower Upper
164 100
162 98.5 79.0 118.6
160 44.1 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.139 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:216 Resp: 299017
Ion Ratio Lower Upper
216 100
214 78.7 62.8 94.2
179 22.6 17.7 26.5
108 22.7 15.5 23.3





#41

Hexachlorocyclopentadiene

Concen: 175.967 ng

RT: 9.016 min Scan# 1177

Delta R.T. 0.006 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

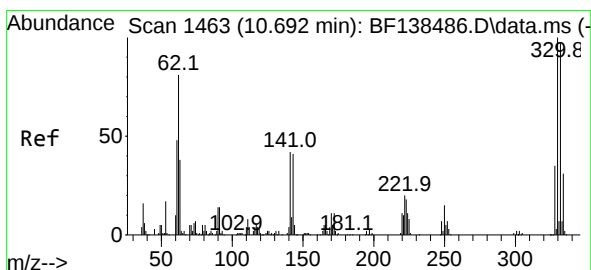
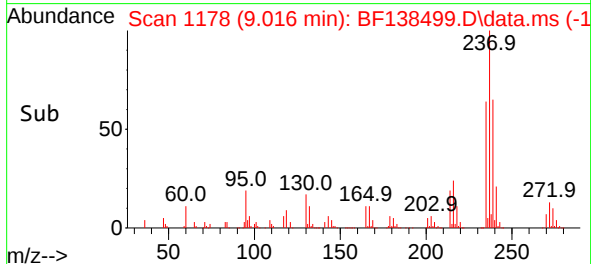
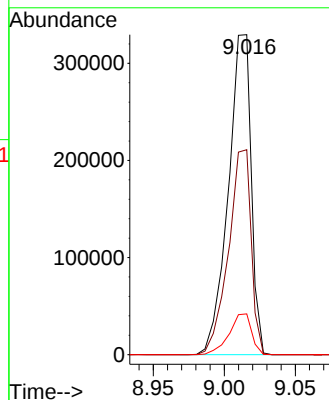
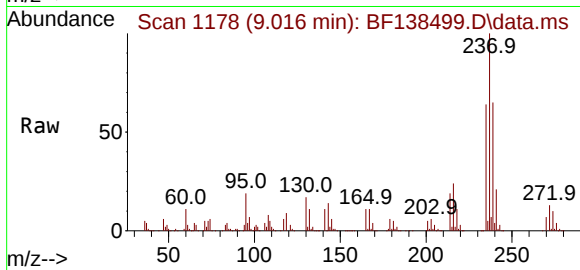
Tgt Ion:237 Resp: 370157

Ion Ratio Lower Upper

237 100

235 64.0 43.3 83.3

272 12.8 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 98.227 ng

RT: 10.698 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

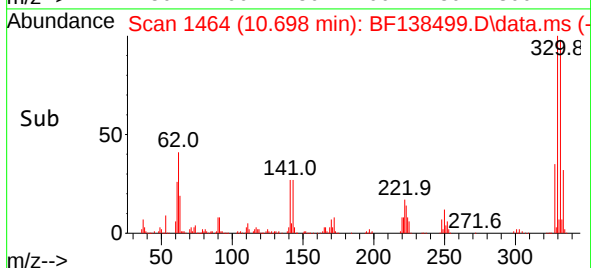
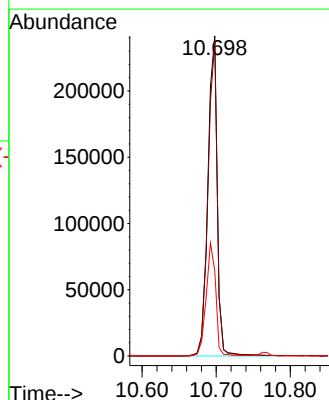
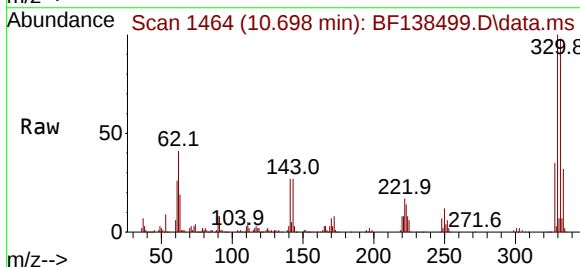
Tgt Ion:330 Resp: 213473

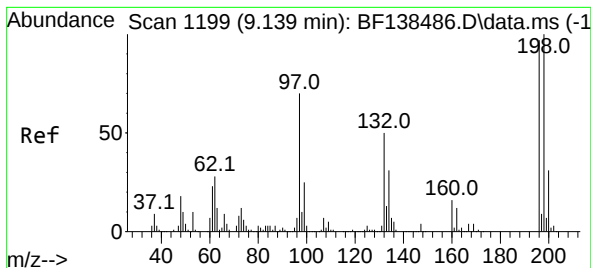
Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

141 36.0 29.4 44.2





#43

2,4,6-Trichlorophenol

Concen: 49.558 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

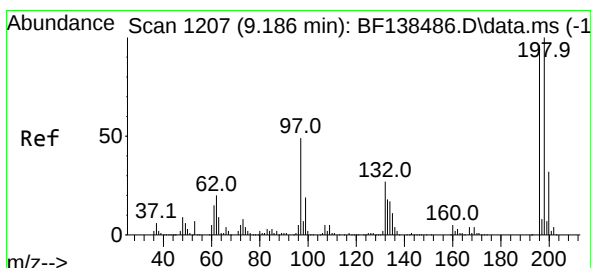
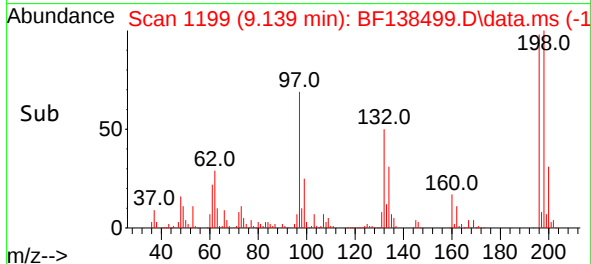
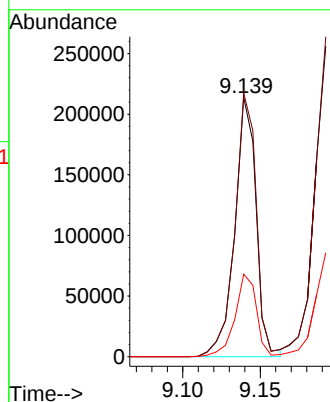
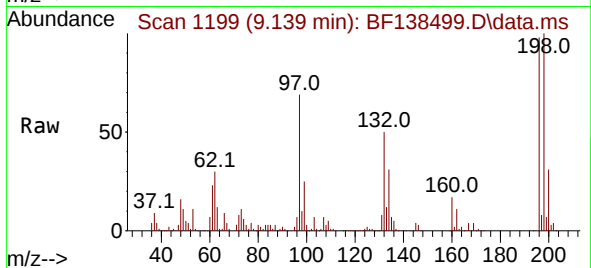
Tgt Ion:196 Resp: 204873

Ion Ratio Lower Upper

196 100

198 101.7 82.3 123.5

200 31.8 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 47.454 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Tgt Ion:196 Resp: 215767

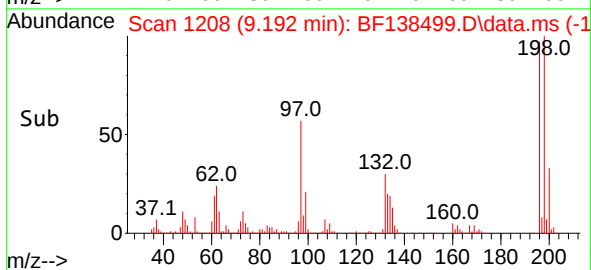
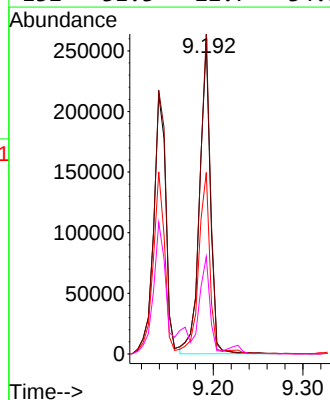
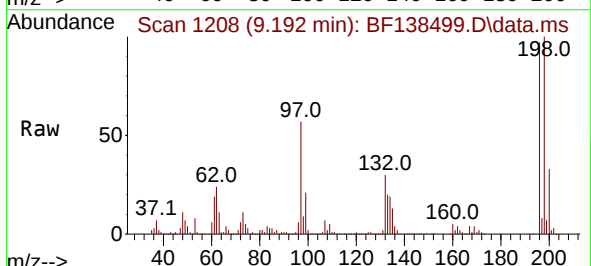
Ion Ratio Lower Upper

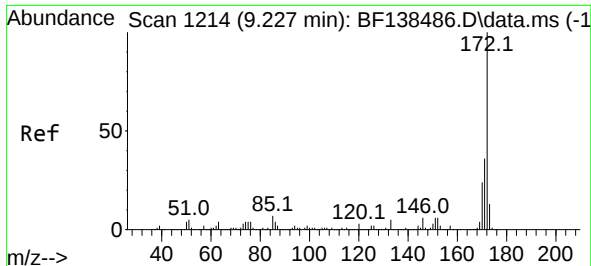
196 100

198 103.0 82.8 124.2

97 58.4 41.0 61.4

132 31.3 22.7 34.1

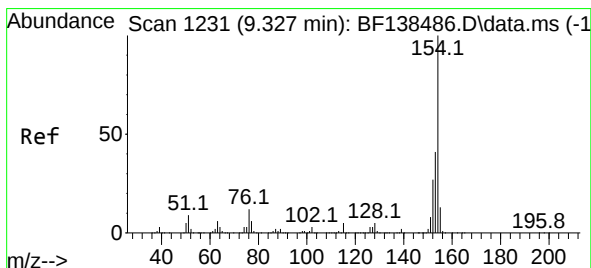
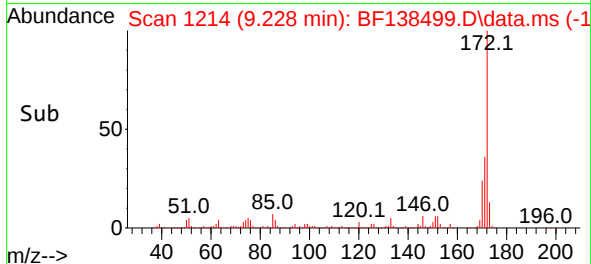
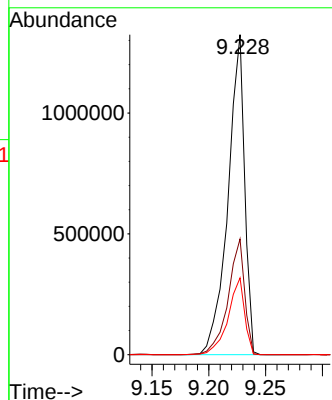
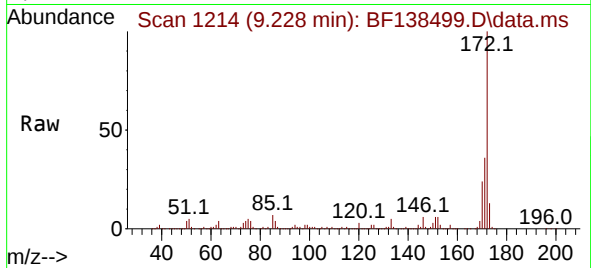




#45
2-Fluorobiphenyl
Concen: 90.640 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

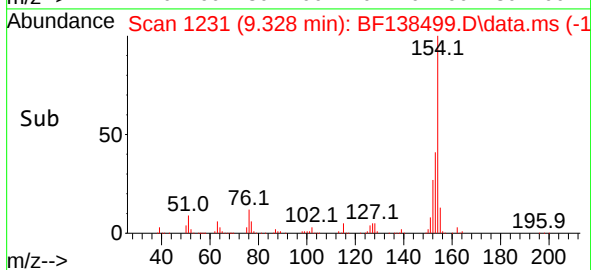
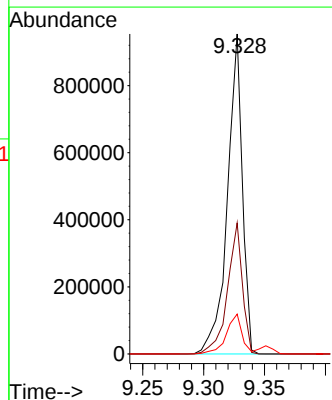
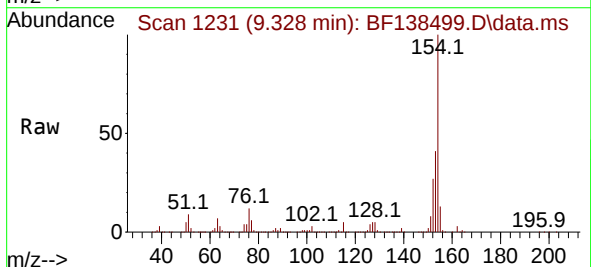
Instrument :
BNA_F
ClientSampleId :
PB161976BSD

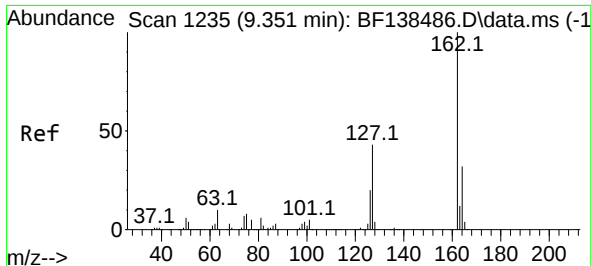
Tgt Ion:172 Resp: 1348564
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 24.0 18.9 28.3



#46
1,1'-Biphenyl
Concen: 46.320 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:154 Resp: 816264
Ion Ratio Lower Upper
154 100
153 41.0 20.7 60.7
76 12.5 0.0 32.2





#47

2-Chloronaphthalene

Concen: 46.482 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

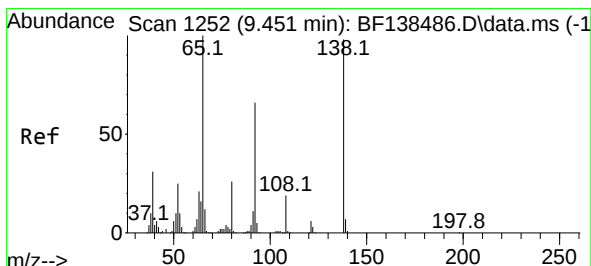
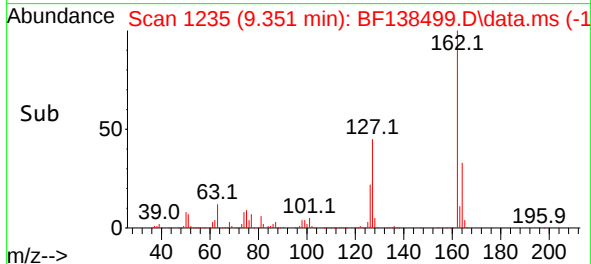
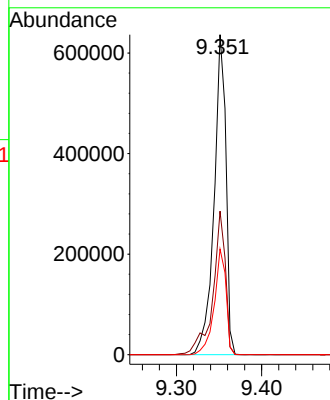
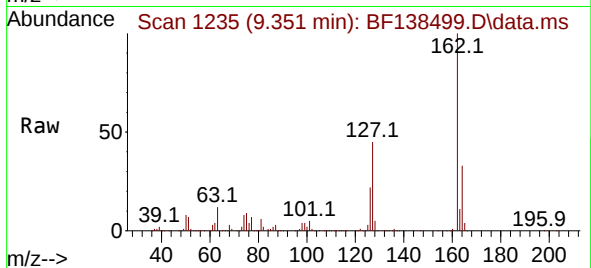
Tgt Ion:162 Resp: 618819

Ion Ratio Lower Upper

162 100

127 44.9 34.8 52.2

164 33.0 25.6 38.4



#48

2-Nitroaniline

Concen: 50.806 ng

RT: 9.451 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

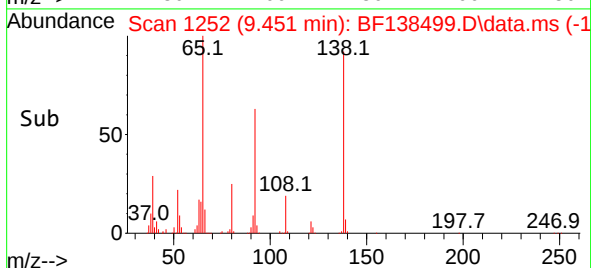
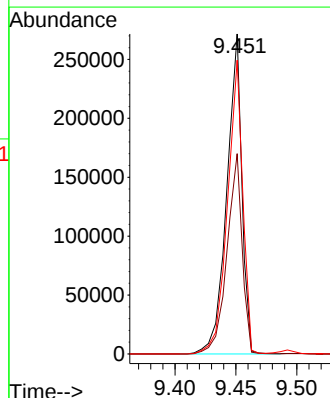
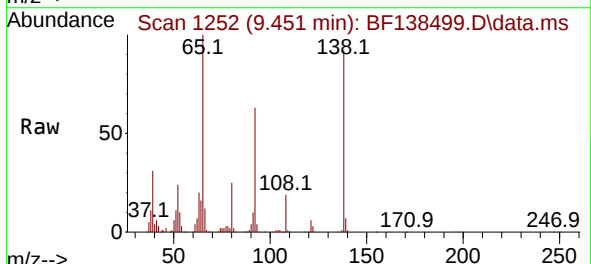
Tgt Ion: 65 Resp: 234387

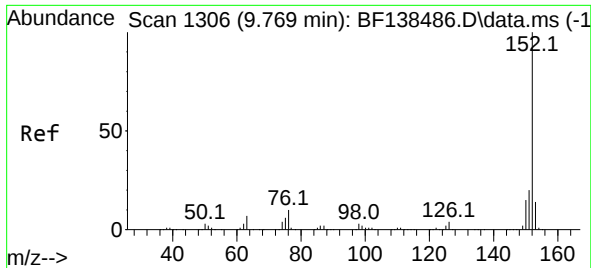
Ion Ratio Lower Upper

65 100

92 62.6 52.6 78.8

138 91.8 78.6 118.0

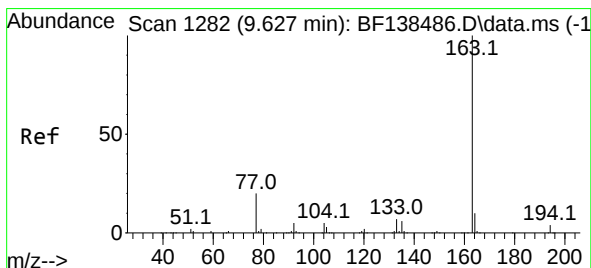
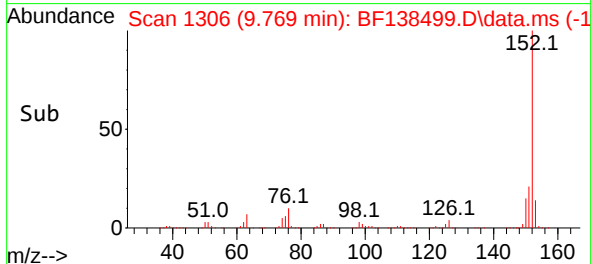
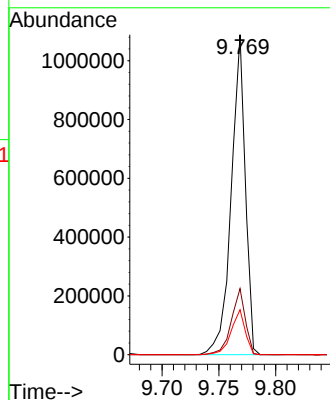
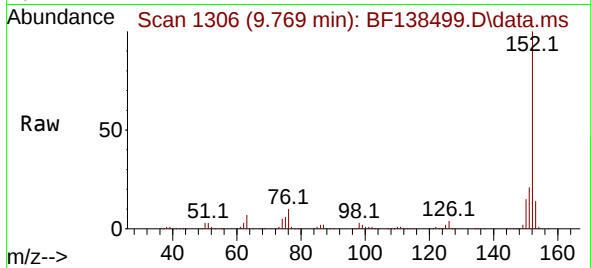




#49
Acenaphthylene
Concen: 49.524 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

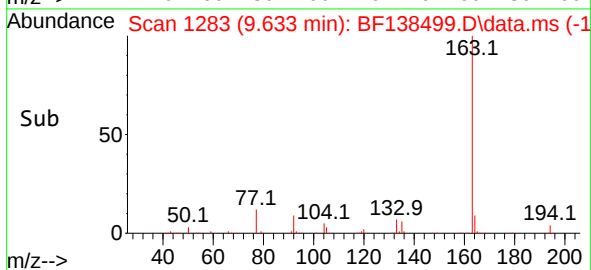
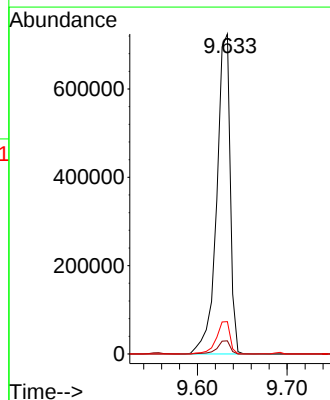
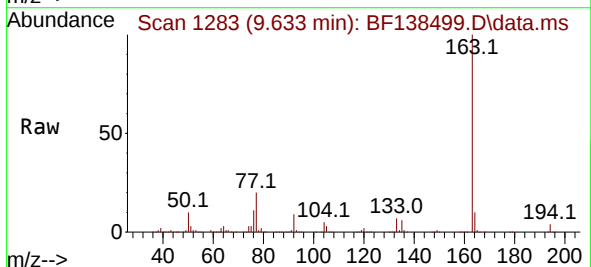
Instrument :
BNA_F
ClientSampleId :
PB161976BSD

Tgt Ion:152 Resp: 936073
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.1 11.3 16.9



#50
Dimethylphthalate
Concen: 50.037 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:163 Resp: 752351
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.1 8.1 12.1

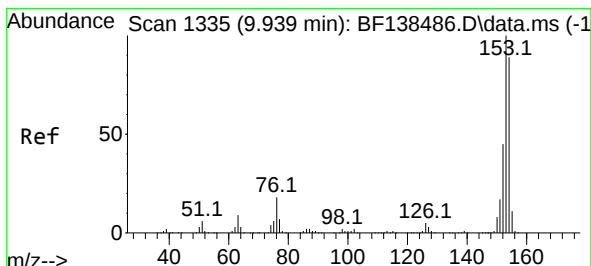
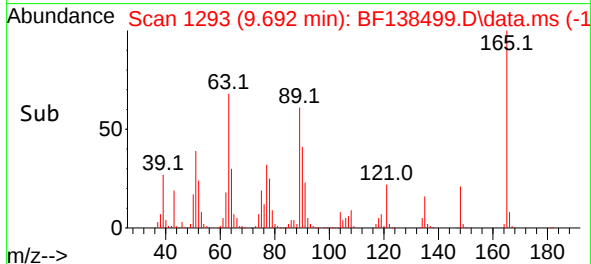
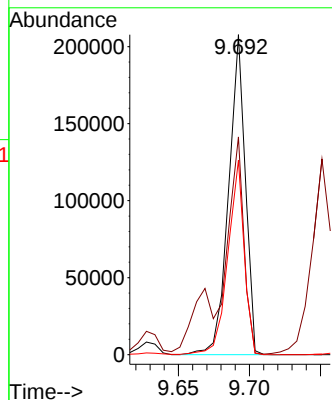
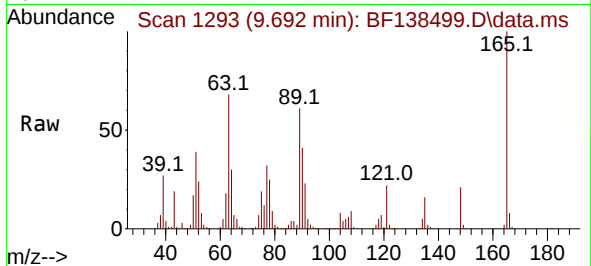




#51
2,6-Dinitrotoluene
Concen: 49.162 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

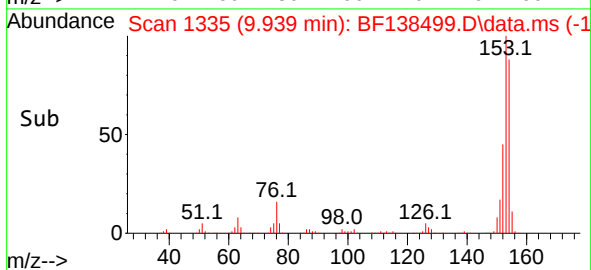
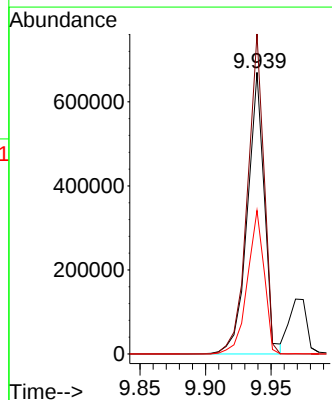
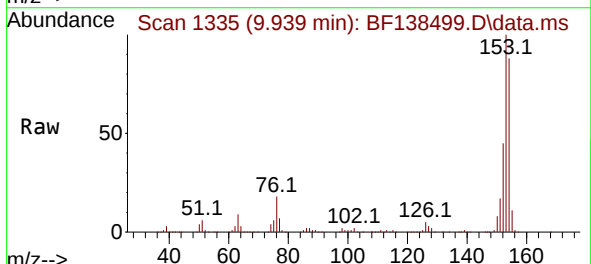
Instrument :
BNA_F
ClientSampleId :
PB161976BSD

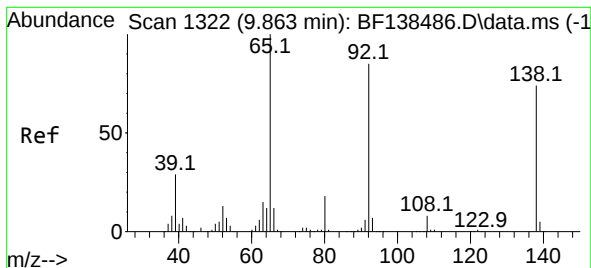
Tgt Ion:165 Resp: 170200
Ion Ratio Lower Upper
165 100
63 68.1 48.1 72.1
89 60.8 43.0 64.6



#52
Acenaphthene
Concen: 48.016 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:154 Resp: 603273
Ion Ratio Lower Upper
154 100
153 113.6 90.4 135.6
152 51.0 41.1 61.7





#53

3-Nitroaniline

Concen: 34.432 ng

RT: 9.863 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

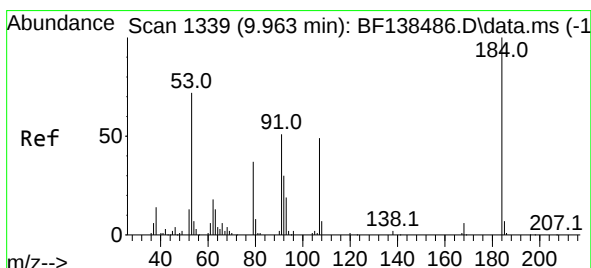
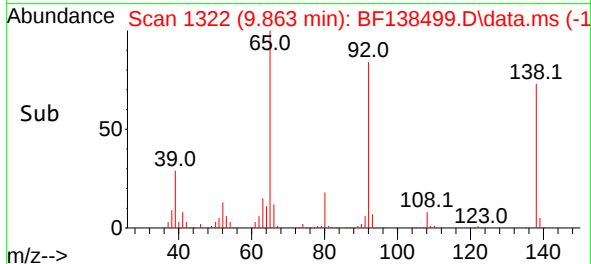
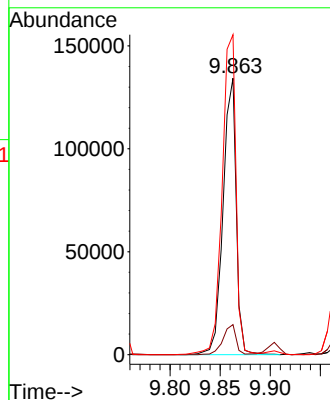
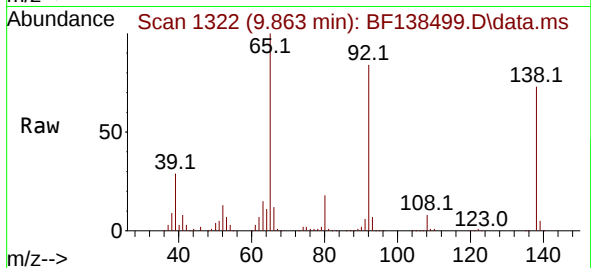
Tgt Ion:138 Resp: 122177

Ion Ratio Lower Upper

138 100

108 10.9 8.3 12.5

92 115.7 92.6 138.8



#54

2,4-Dinitrophenol

Concen: 105.335 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.012 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

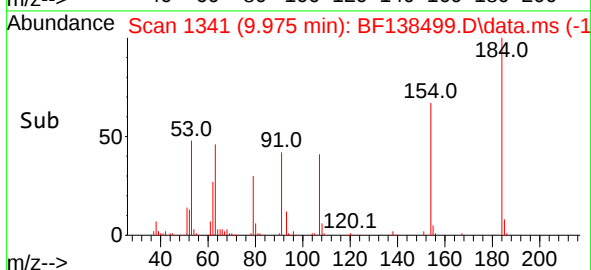
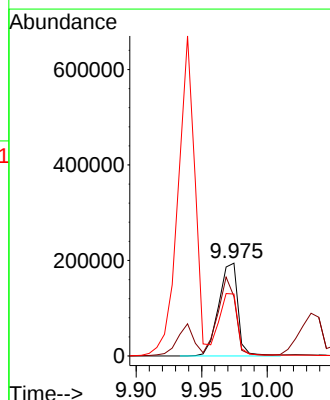
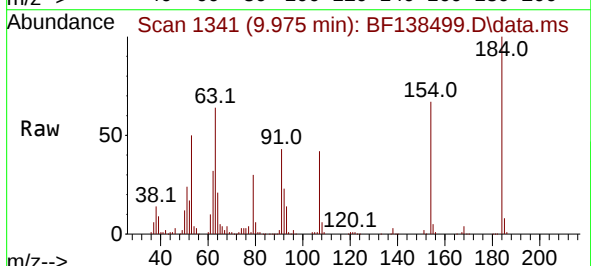
Tgt Ion:184 Resp: 198632

Ion Ratio Lower Upper

184 100

63 64.0 70.6 106.0#

154 66.7 53.8 80.6

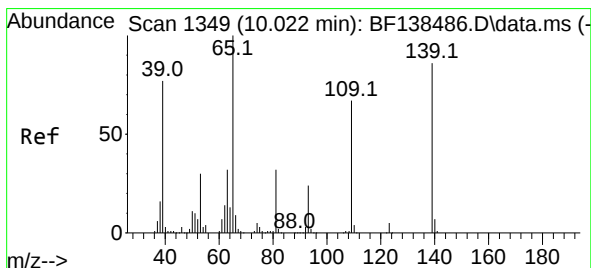
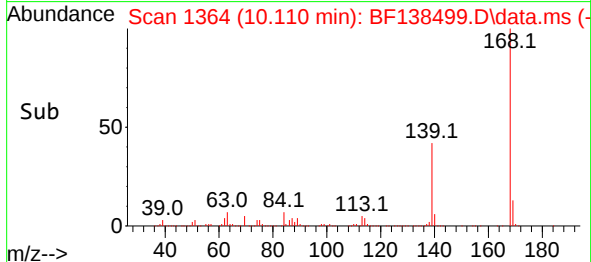
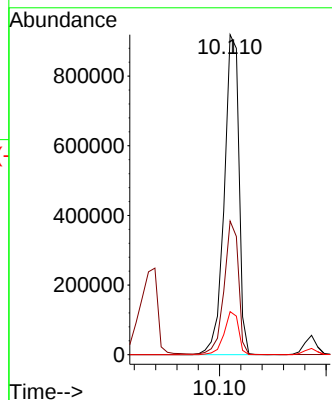
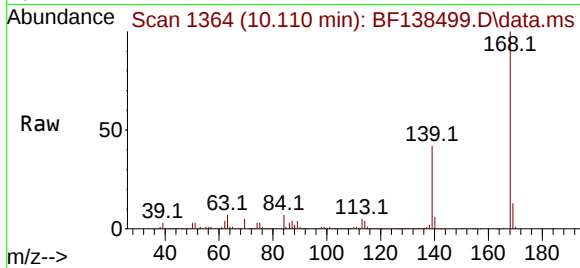




#55
Dibenzofuran
Concen: 48.190 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

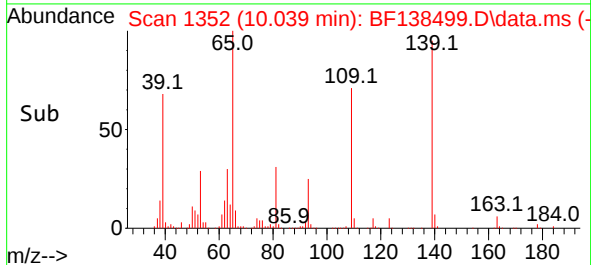
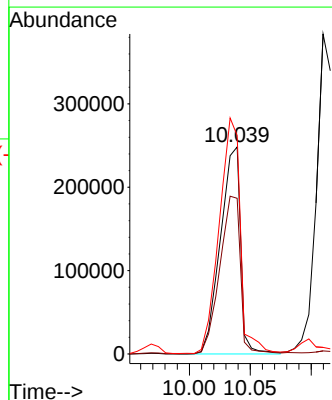
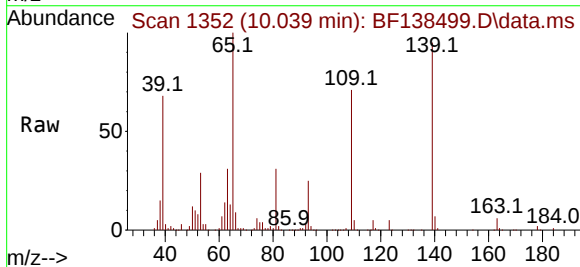
Instrument :
BNA_F
ClientSampleId :
PB161976BSD

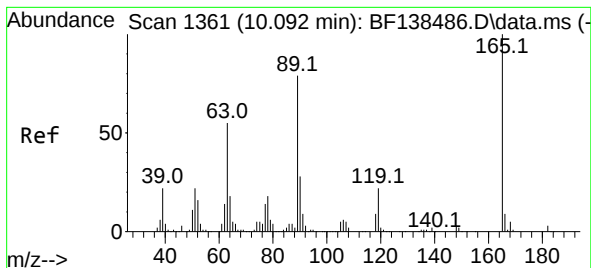
Tgt Ion:168 Resp: 878197
Ion Ratio Lower Upper
168 100
139 41.8 32.4 48.6
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 109.592 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.018 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

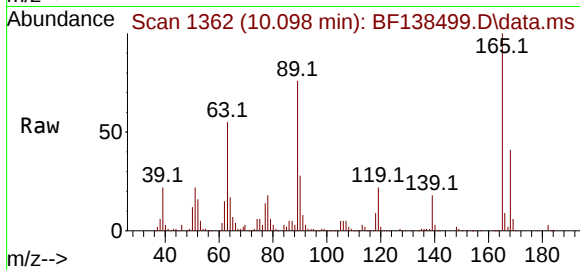
Tgt Ion:139 Resp: 286929
Ion Ratio Lower Upper
139 100
109 75.2 58.1 98.1
65 105.5 96.9 136.9



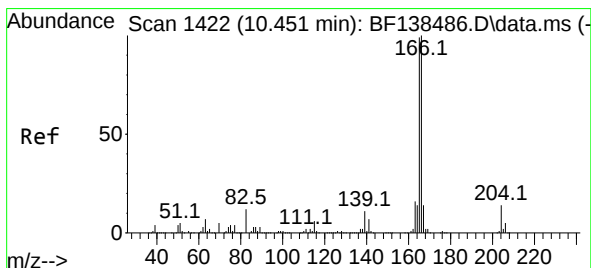
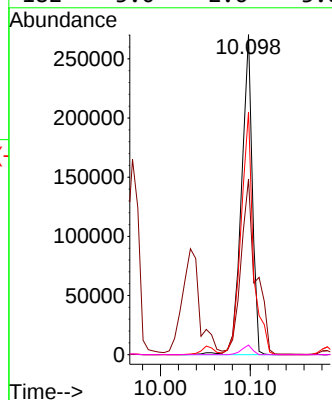
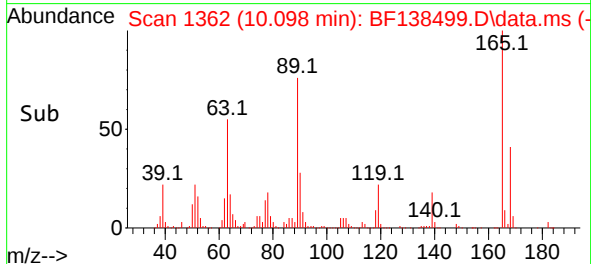


#57
2,4-Dinitrotoluene
Concen: 50.688 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Instrument :
BNA_F
ClientSampleId :
PB161976BSD

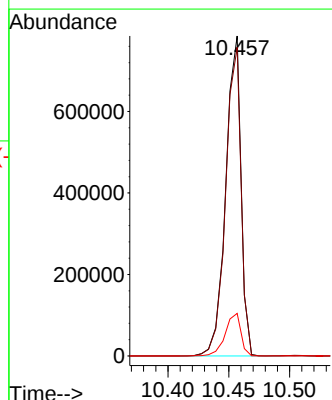
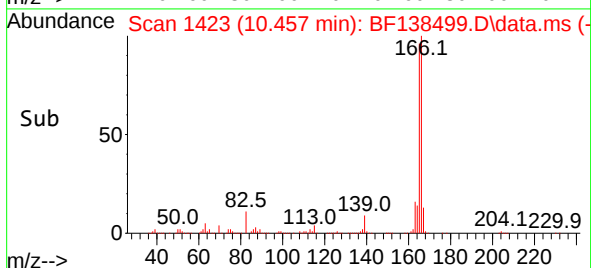
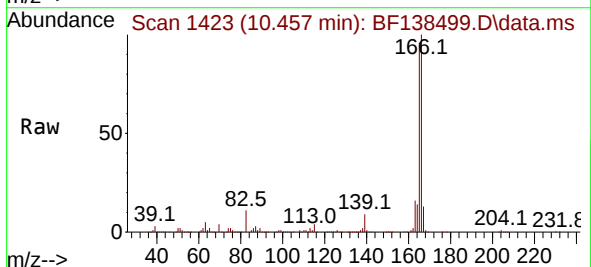


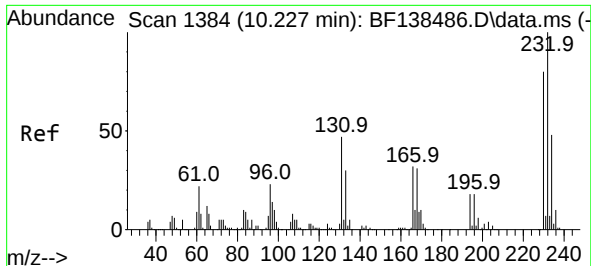
Tgt Ion:165 Resp: 227048
Ion Ratio Lower Upper
165 100
63 54.9 44.6 66.8
89 75.8 63.4 95.2
182 3.0 2.6 3.8



#58
Fluorene
Concen: 47.506 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:166 Resp: 685024
Ion Ratio Lower Upper
166 100
165 96.4 79.1 118.7
167 13.3 11.0 16.6



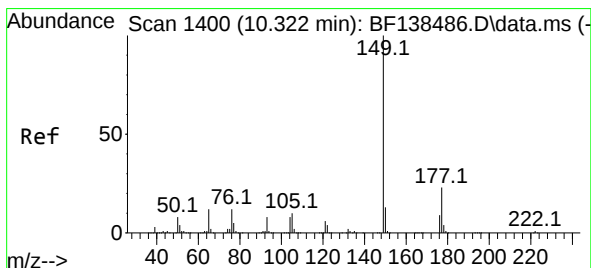
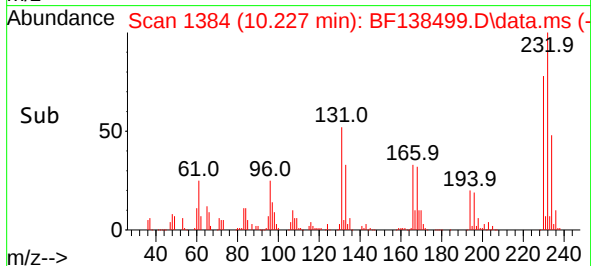
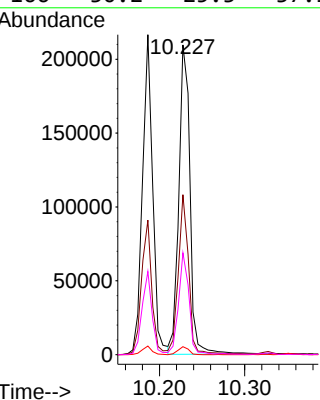
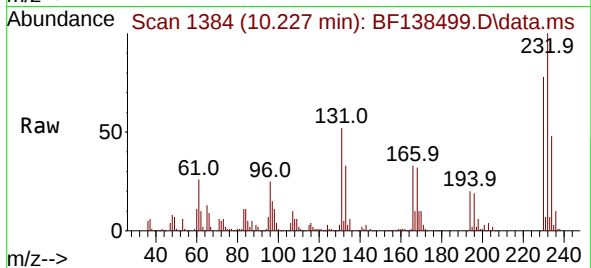


#59
2,3,4,6-Tetrachlorophenol
Concen: 52.990 ng
RT: 10.227 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Instrument :
BNA_F
ClientSampleId :
PB161976BSD

Tgt Ion:232 Resp: 190151

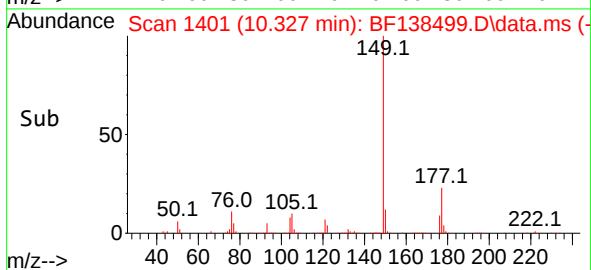
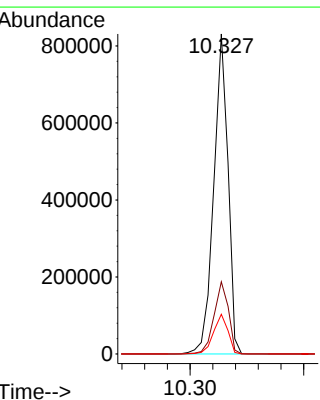
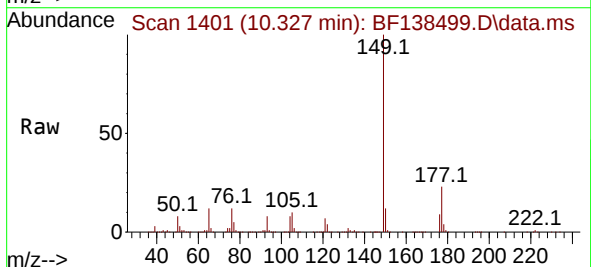
Ion	Ratio	Lower	Upper
232	100		
131	47.7	37.5	56.3
130	2.5	2.0	3.0
166	30.2	25.3	37.9

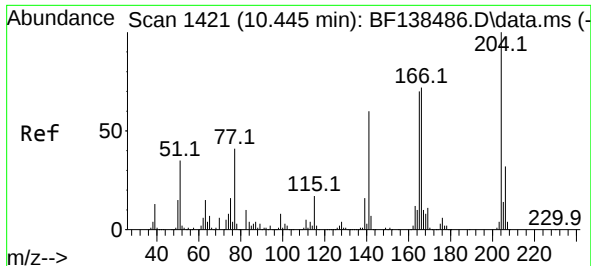


#60
Diethylphthalate
Concen: 50.020 ng
RT: 10.327 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:149 Resp: 725056

Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.5	27.7
150	12.4	10.3	15.5

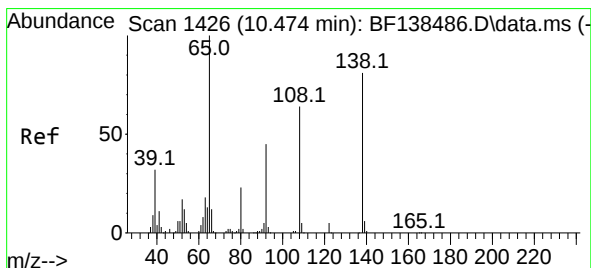
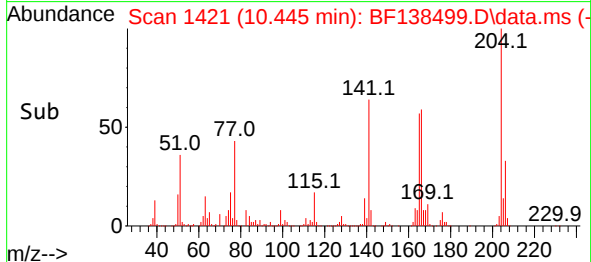
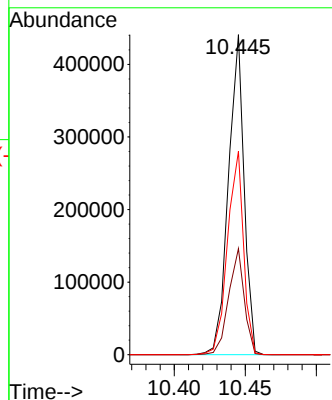
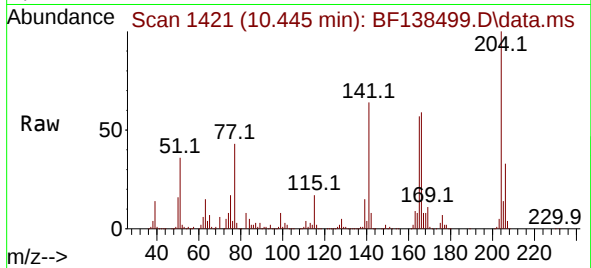




#61
4-Chlorophenyl-phenylether
Concen: 46.665 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

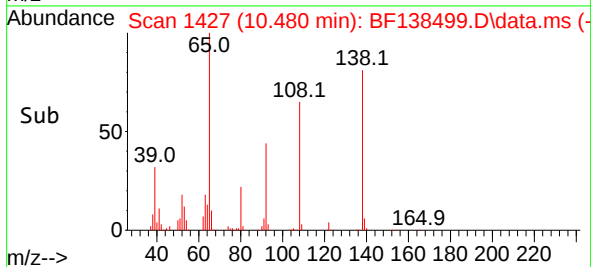
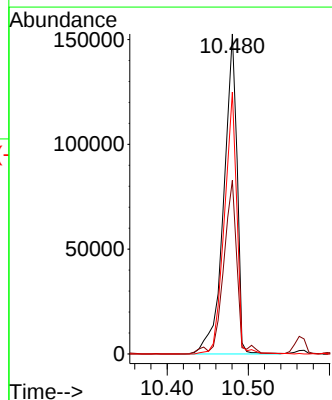
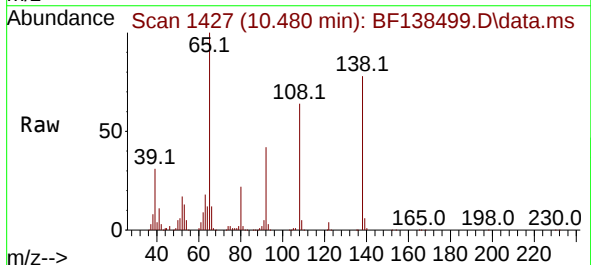
Instrument :
BNA_F
ClientSampleId :
PB161976BSD

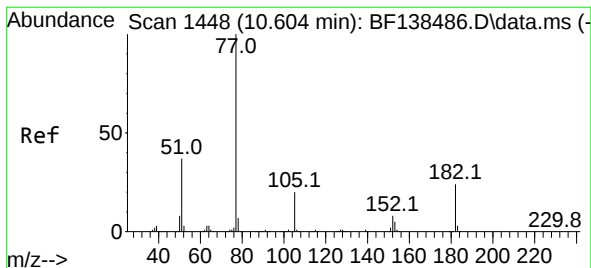
Tgt Ion:204 Resp: 337887
Ion Ratio Lower Upper
204 100
206 33.2 25.6 38.4
141 63.6 47.7 71.5



#62
4-Nitroaniline
Concen: 49.099 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:138 Resp: 174579
Ion Ratio Lower Upper
138 100
92 54.2 35.8 75.8
108 81.8 59.8 99.8





#63

Azobenzene

Concen: 48.508 ng

RT: 10.604 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

Tgt Ion: 77 Resp: 755976

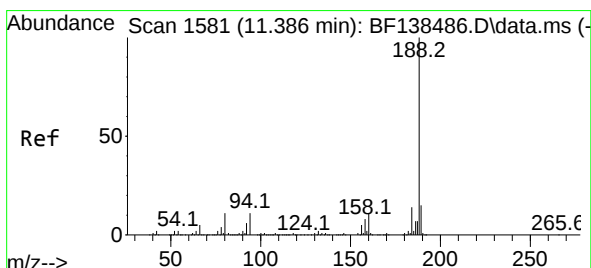
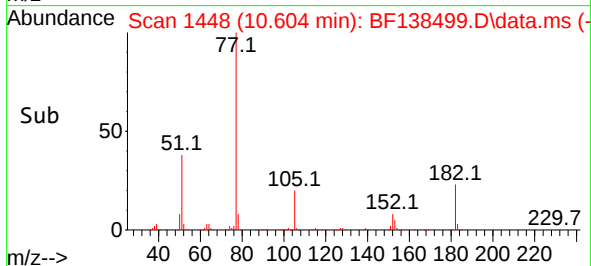
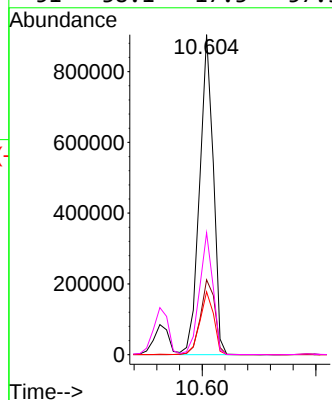
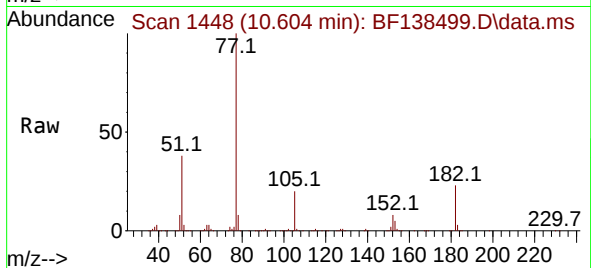
Ion Ratio Lower Upper

77 100

182 23.4 3.8 43.8

105 19.6 0.0 39.8

51 38.1 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: BF138499.D

Acq: 10 Jul 2024 13:58

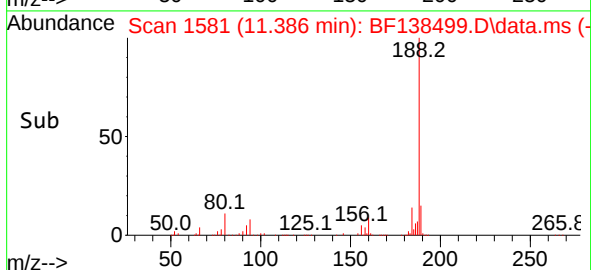
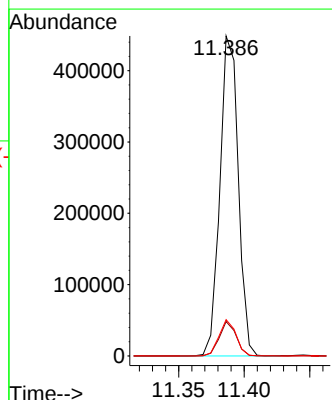
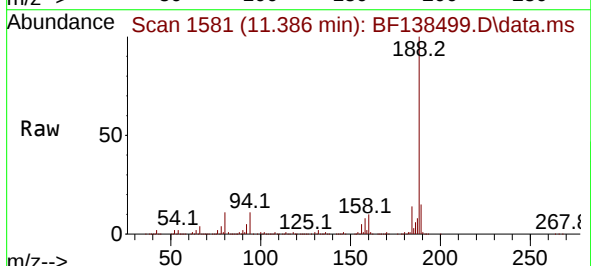
Tgt Ion: 188 Resp: 435588

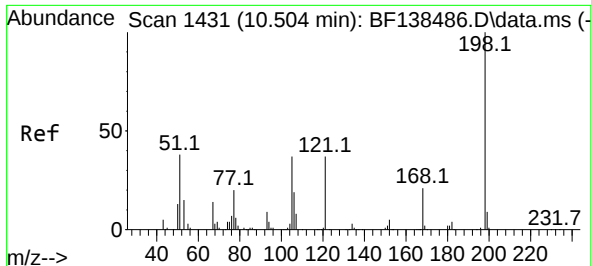
Ion Ratio Lower Upper

188 100

94 10.7 8.7 13.1

80 11.4 9.0 13.4

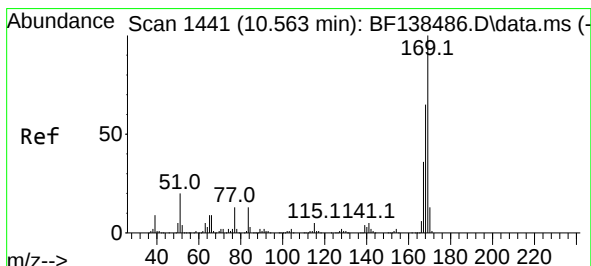
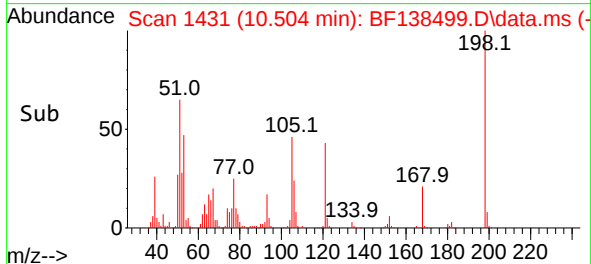
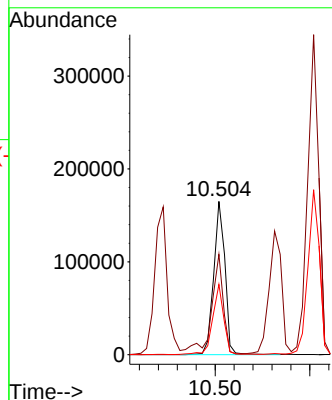
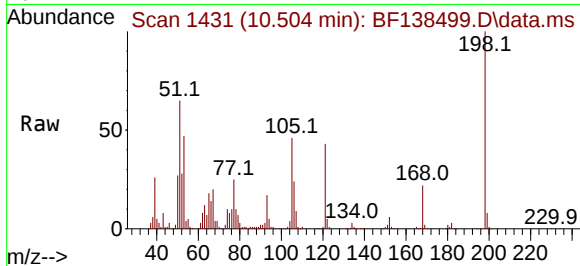




#65
4,6-Dinitro-2-methylphenol
Concen: 54.215 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

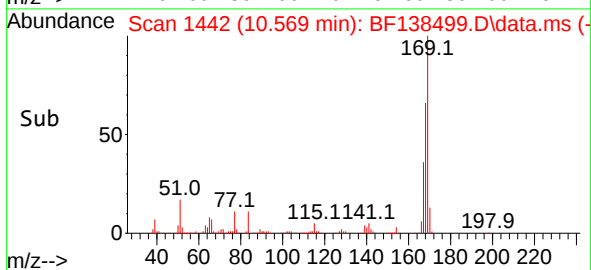
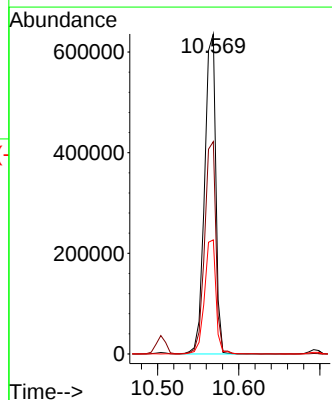
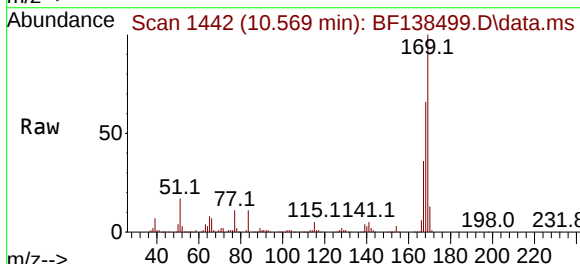
Instrument :
BNA_F
ClientSampleId :
PB161976BSD

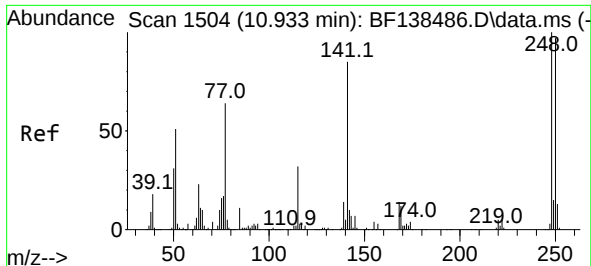
Tgt Ion:198 Resp: 136358
Ion Ratio Lower Upper
198 100
51 65.5 27.2 67.2
105 45.9 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 46.461 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:169 Resp: 606339
Ion Ratio Lower Upper
169 100
168 66.3 51.7 77.5
167 35.7 28.5 42.7

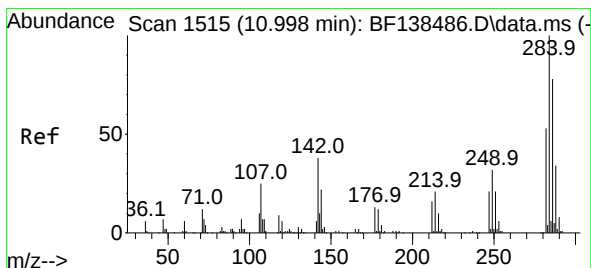
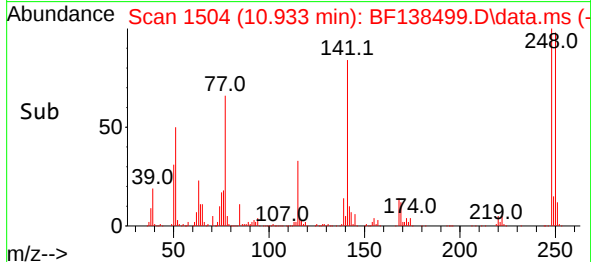
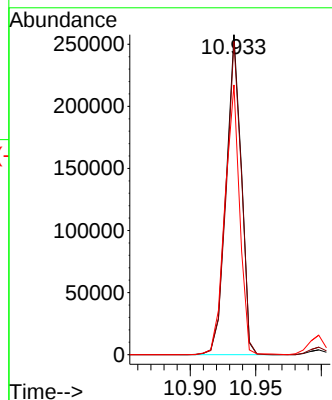
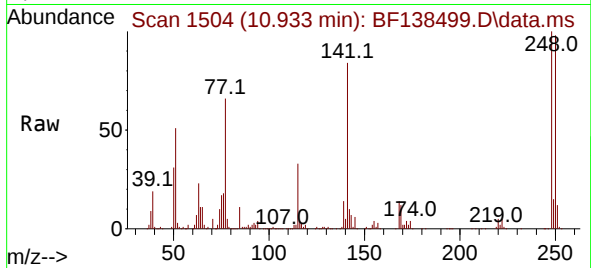




#67
4-Bromophenyl-phenylether
Concen: 46.240 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

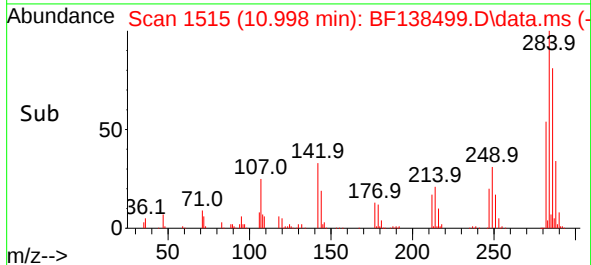
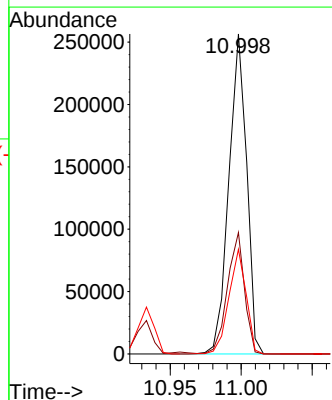
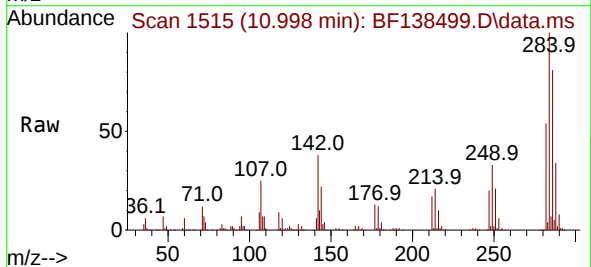
Instrument :
BNA_F
ClientSampleId :
PB161976BSD

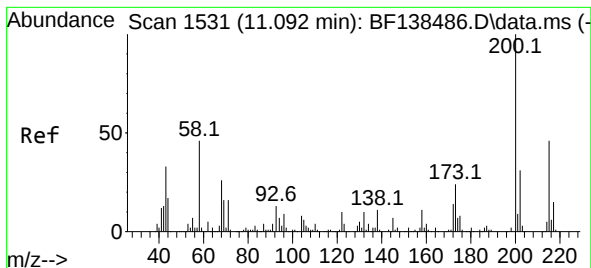
Tgt Ion:248 Resp: 207019
Ion Ratio Lower Upper
248 100
250 97.9 77.9 116.9
141 84.3 67.7 101.5



#68
Hexachlorobenzene
Concen: 44.858 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:284 Resp: 223107
Ion Ratio Lower Upper
284 100
142 38.0 30.5 45.7
249 32.7 25.9 38.9





#69

Atrazine

Concen: 49.036 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

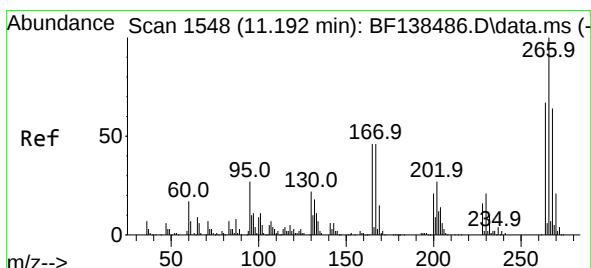
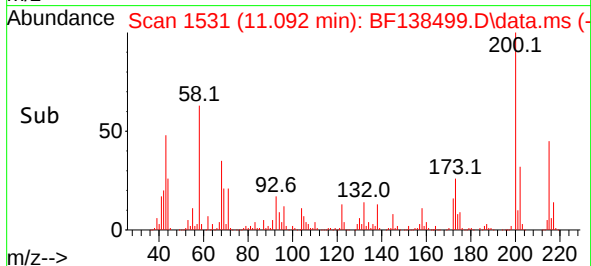
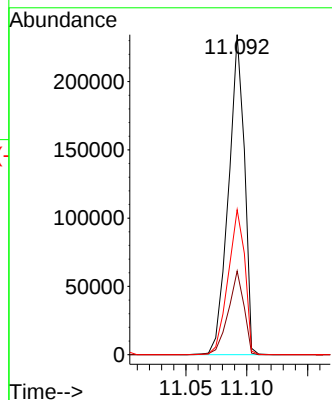
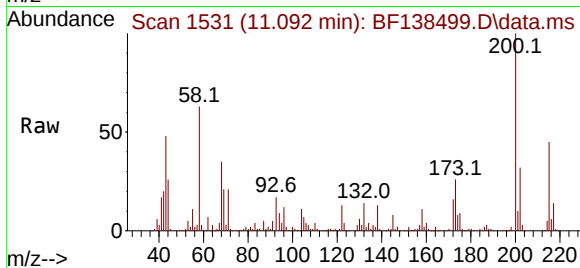
Tgt Ion:200 Resp: 212173

Ion Ratio Lower Upper

200 100

173 26.1 4.1 44.1

215 45.3 26.5 66.5



#70

Pentachlorophenol

Concen: 88.013 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

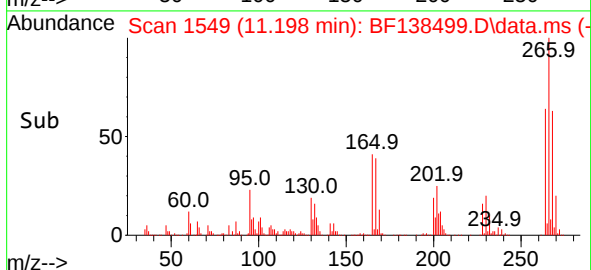
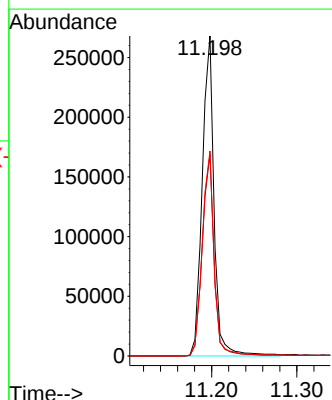
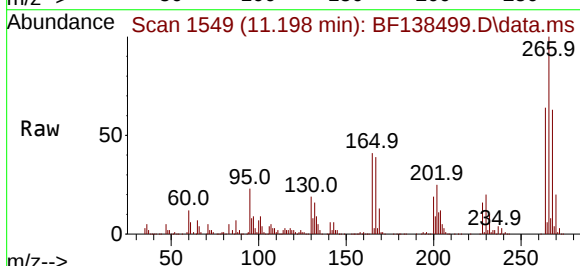
Tgt Ion:266 Resp: 259025

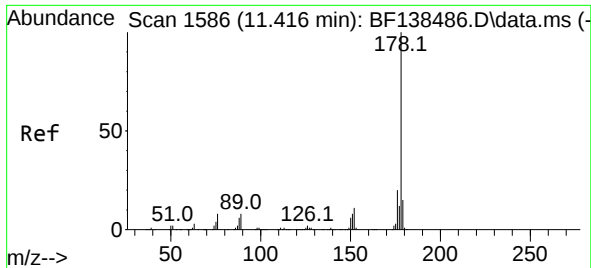
Ion Ratio Lower Upper

266 100

268 63.0 50.9 76.3

264 64.0 53.5 80.3

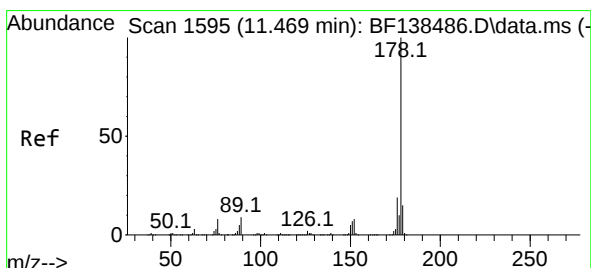
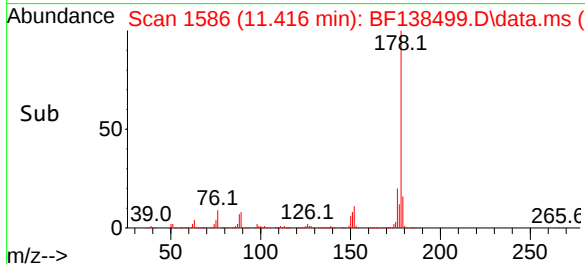
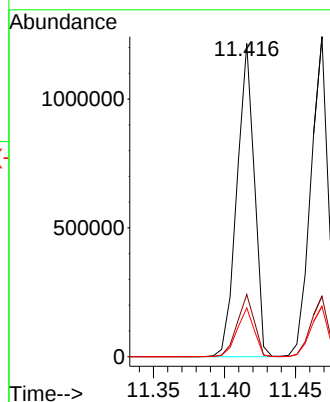
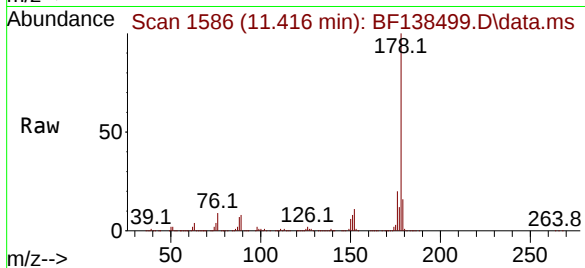




#71
Phenanthrene
Concen: 47.045 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

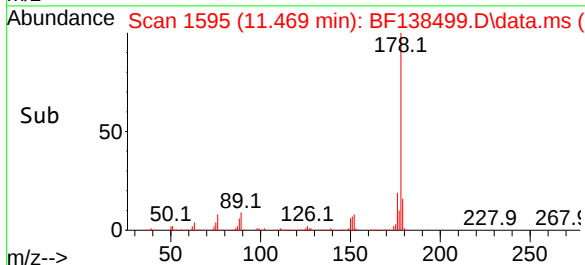
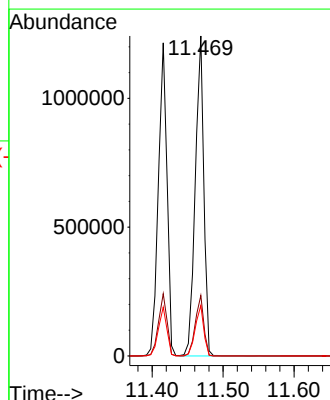
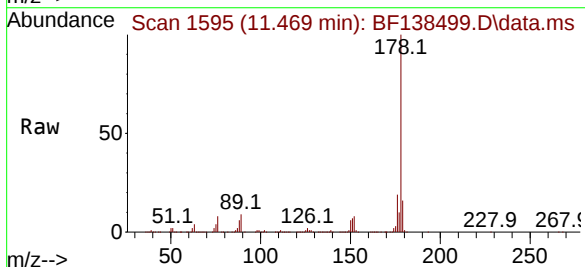
Instrument :
BNA_F
ClientSampleId :
PB161976BSD

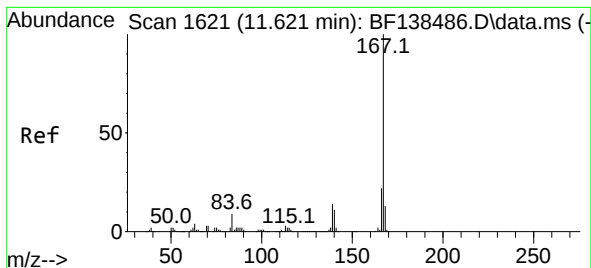
Tgt Ion:178 Resp: 1035287
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 15.6 12.2 18.2



#72
Anthracene
Concen: 47.846 ng
RT: 11.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:178 Resp: 1045179
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.8 12.2 18.4





#73

Carbazole

Concen: 46.330 ng

RT: 11.621 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

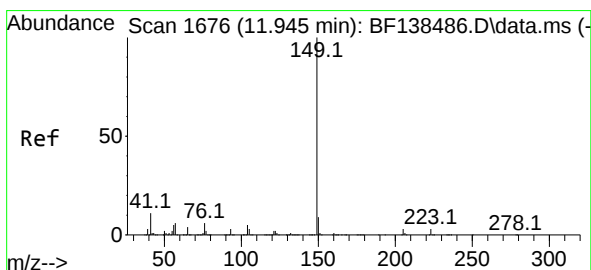
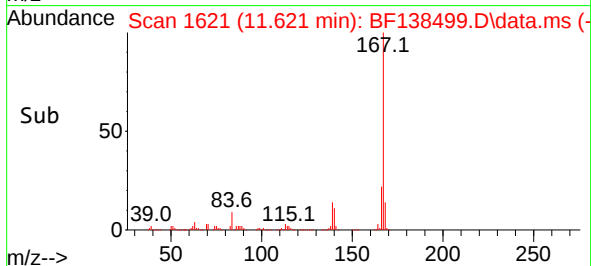
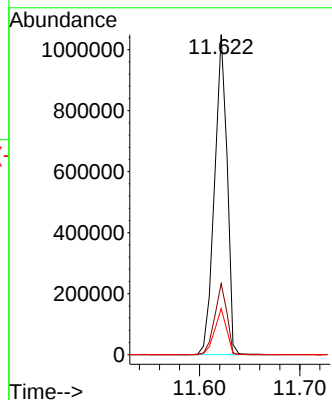
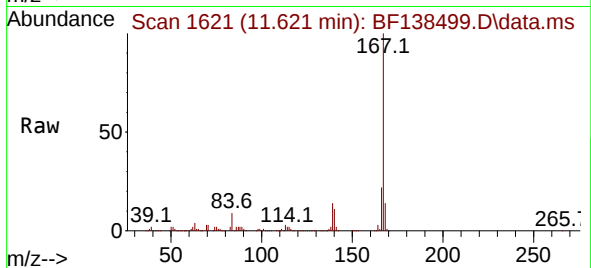
Tgt Ion:167 Resp: 909514

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.6

139 14.4 11.0 16.4



#74

Di-n-butylphthalate

Concen: 48.748 ng

RT: 11.945 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

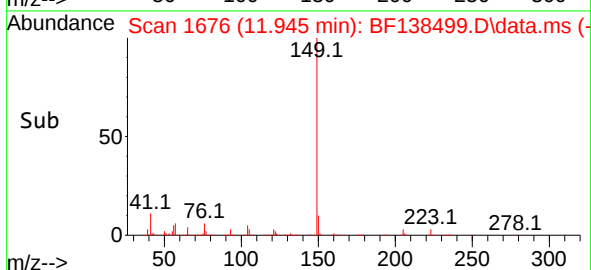
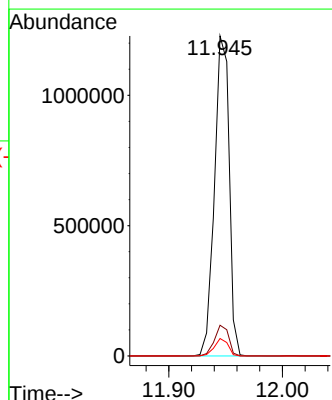
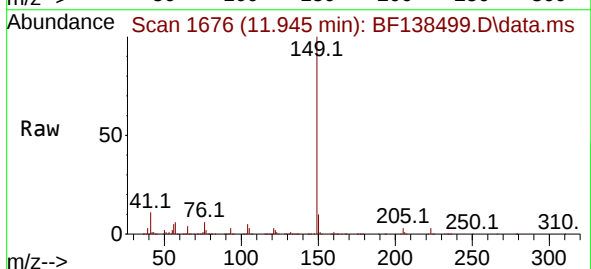
Tgt Ion:149 Resp: 1103097

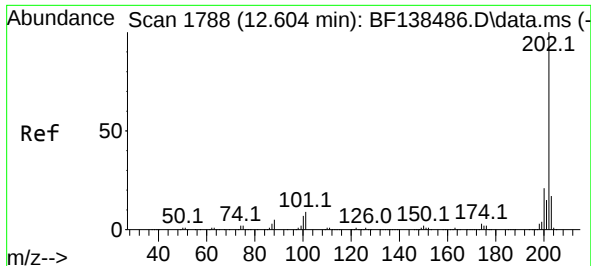
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

104 5.4 4.4 6.6

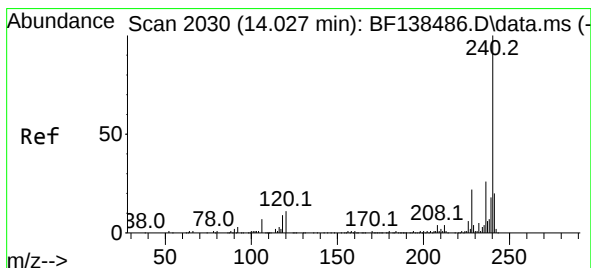
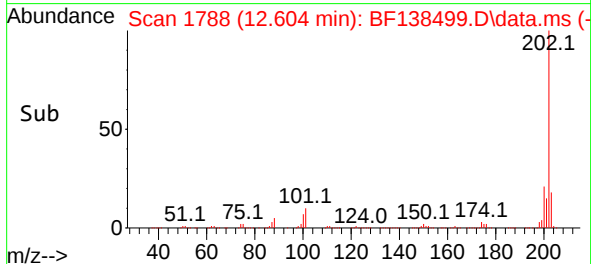
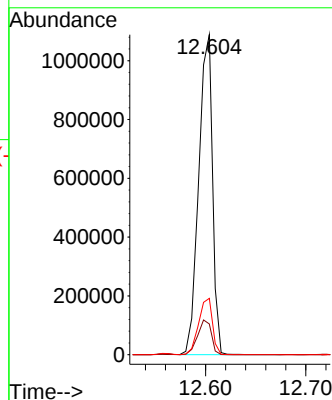
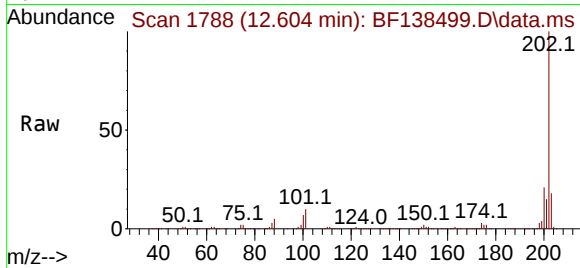




#75
Fluoranthene
Concen: 46.561 ng
RT: 12.604 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

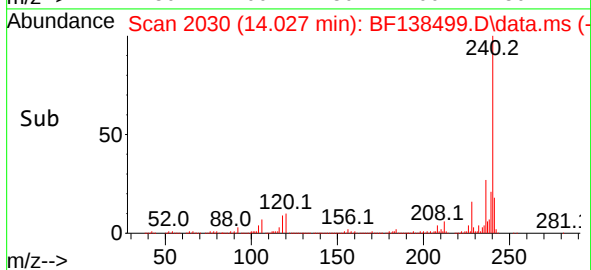
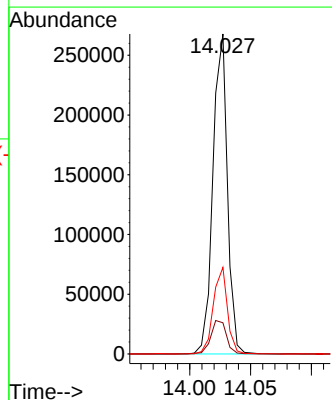
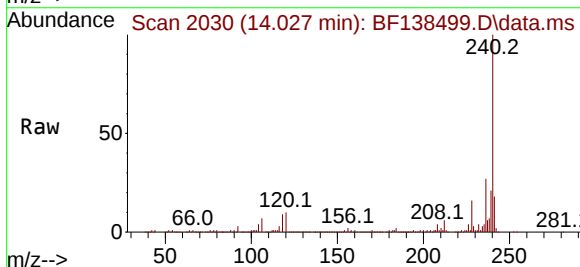
Instrument :
BNA_F
ClientSampleId :
PB161976BSD

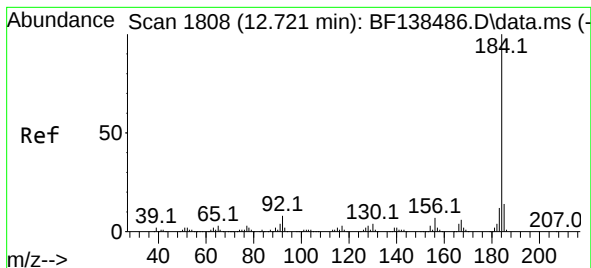
Tgt Ion:202 Resp: 1045522
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.2
203 17.6 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:240 Resp: 221800
Ion Ratio Lower Upper
240 100
120 9.7 8.6 12.8
236 27.1 21.0 31.6





#77

Benzidine

Concen: 29.517 ng

RT: 12.721 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

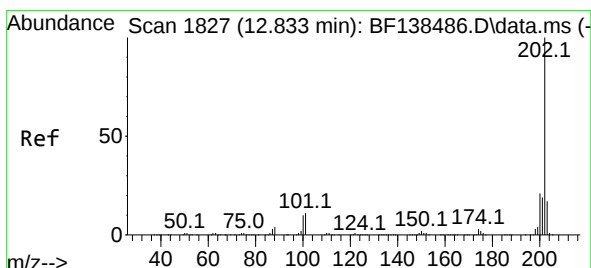
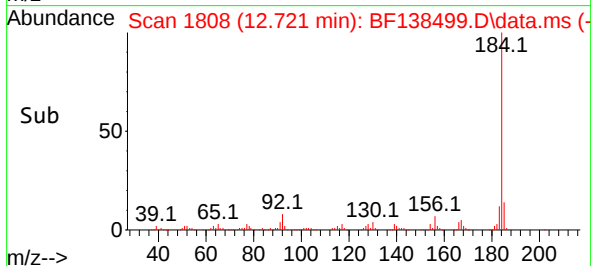
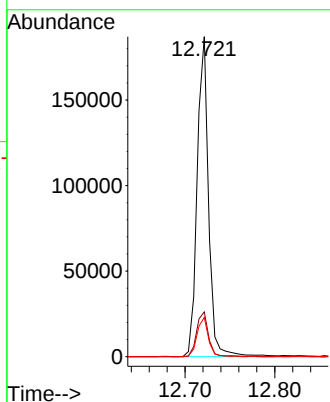
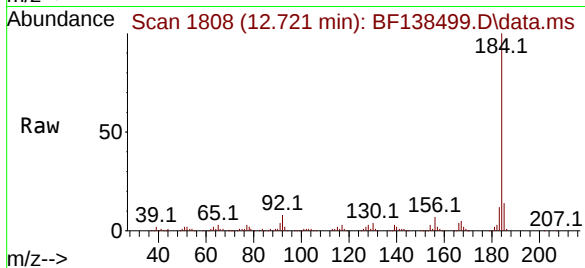
Tgt Ion:184 Resp: 165175

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

183 12.3 9.5 14.3



#78

Pyrene

Concen: 46.921 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

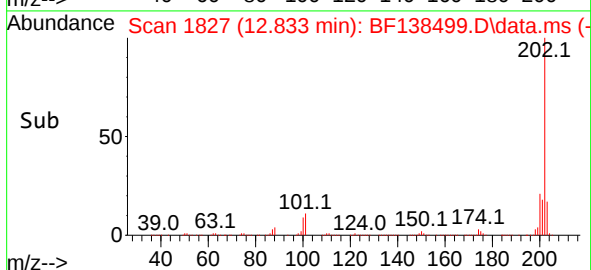
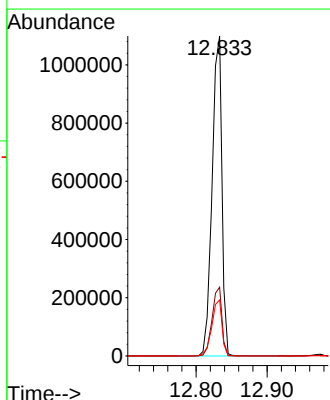
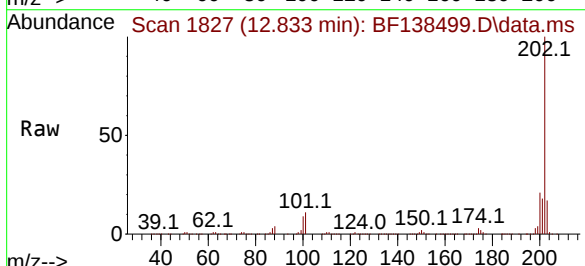
Tgt Ion:202 Resp: 1056450

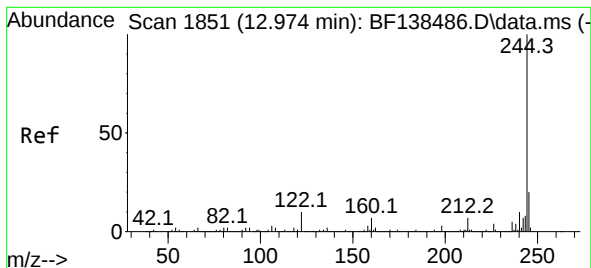
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

203 17.5 13.7 20.5





#79

Terphenyl-d14

Concen: 103.793 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

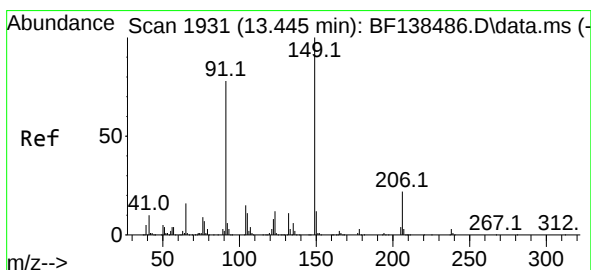
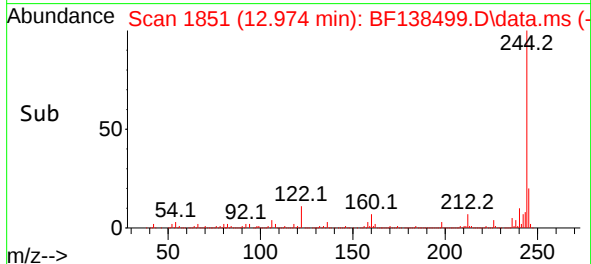
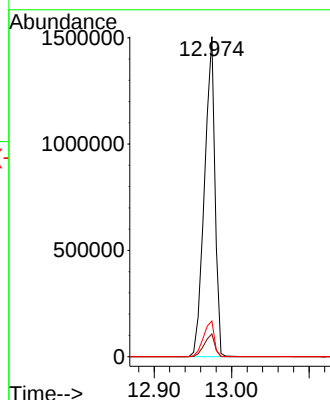
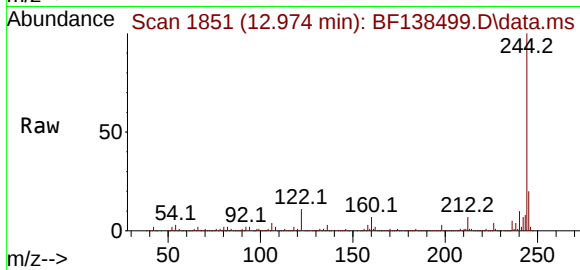
Tgt Ion:244 Resp: 1413110

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 11.1 7.8 11.8



#80

Butylbenzylphthalate

Concen: 54.809 ng

RT: 13.445 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

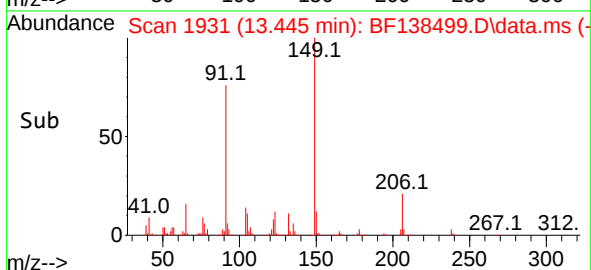
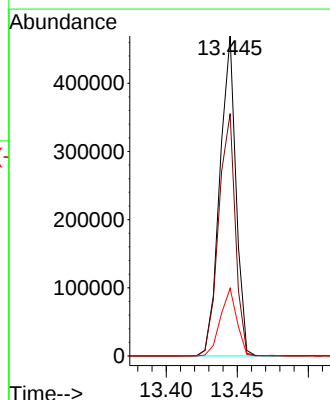
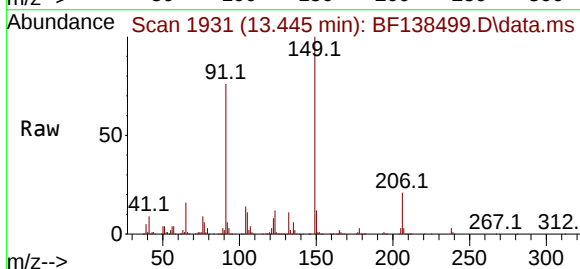
Tgt Ion:149 Resp: 371231

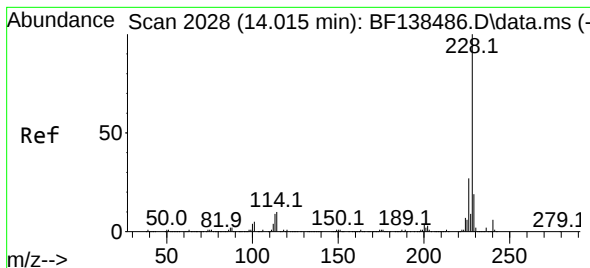
Ion Ratio Lower Upper

149 100

91 75.8 62.1 93.1

206 21.1 18.0 27.0





#81

Benzo(a)anthracene

Concen: 47.656 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

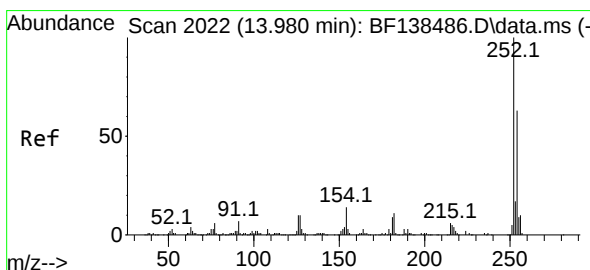
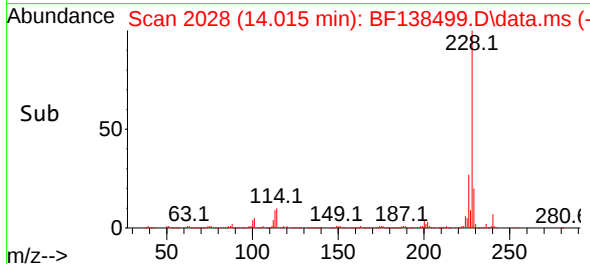
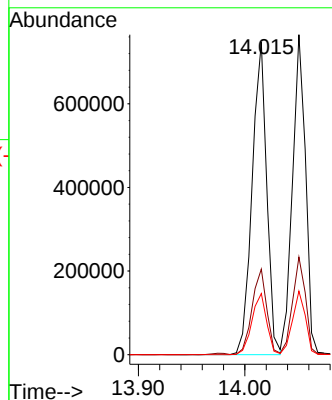
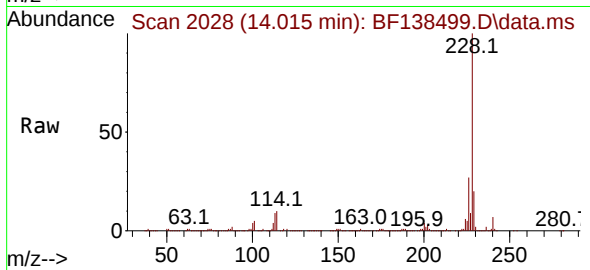
Tgt Ion:228 Resp: 709261

Ion Ratio Lower Upper

228 100

226 27.4 21.9 32.9

229 19.5 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 41.407 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

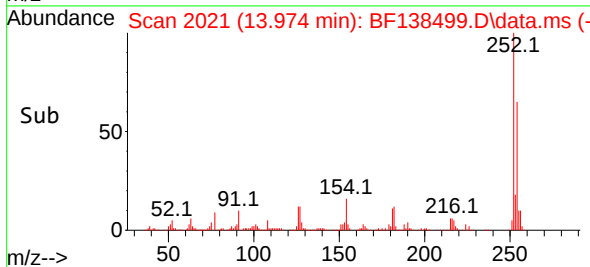
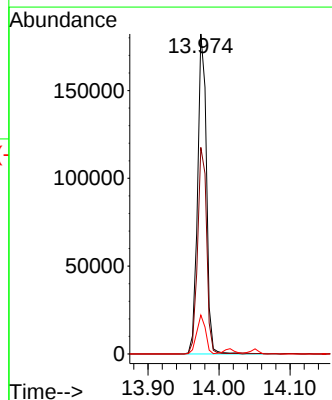
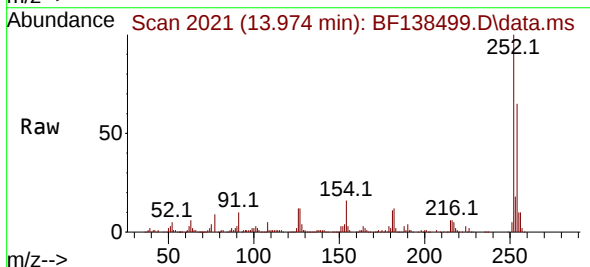
Tgt Ion:252 Resp: 158793

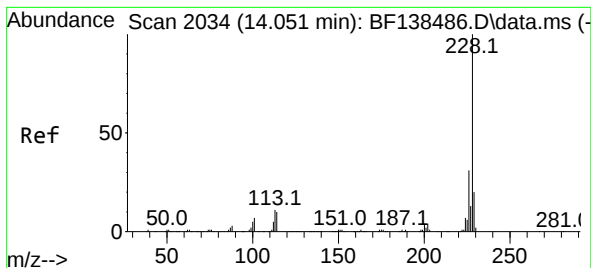
Ion Ratio Lower Upper

252 100

254 64.6 50.3 75.5

126 12.2 8.1 12.1#





#83

Chrysene

Concen: 46.427 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

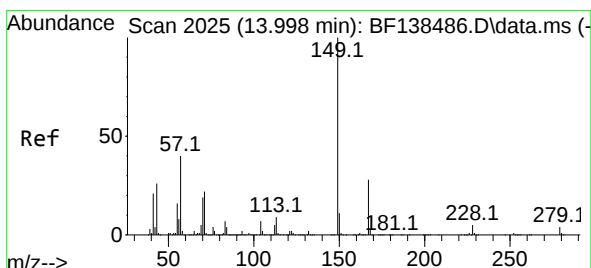
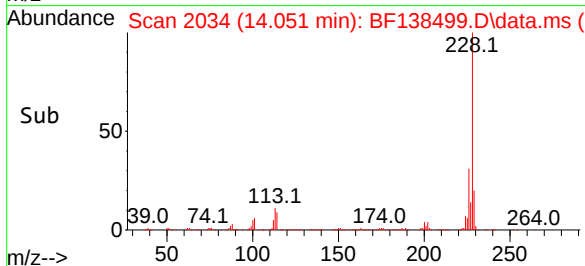
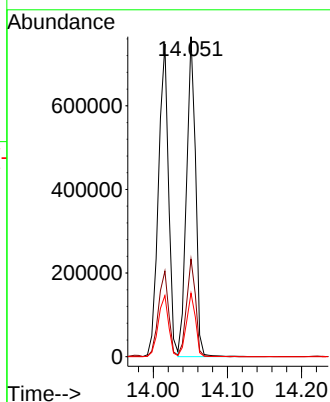
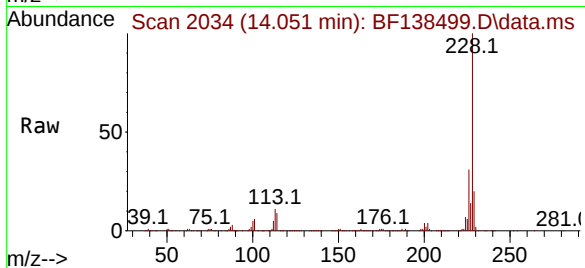
Tgt Ion:228 Resp: 653650

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.403 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

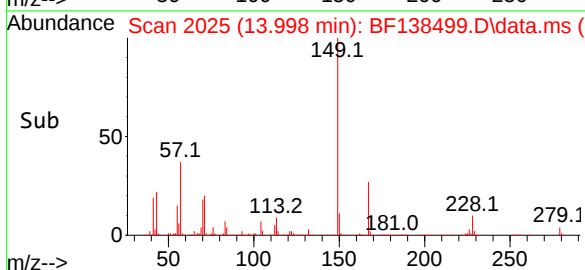
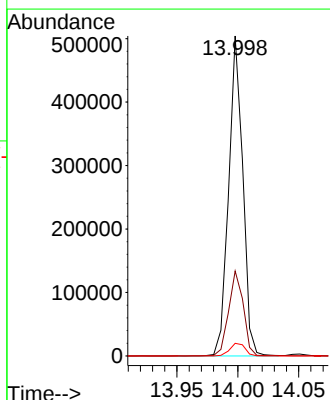
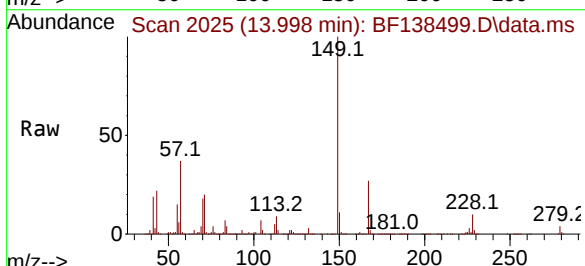
Tgt Ion:149 Resp: 407434

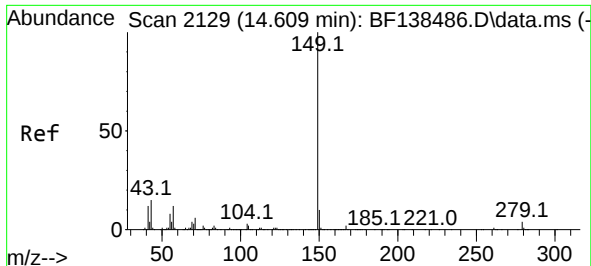
Ion Ratio Lower Upper

149 100

167 26.6 22.5 33.7

279 4.0 3.0 4.6

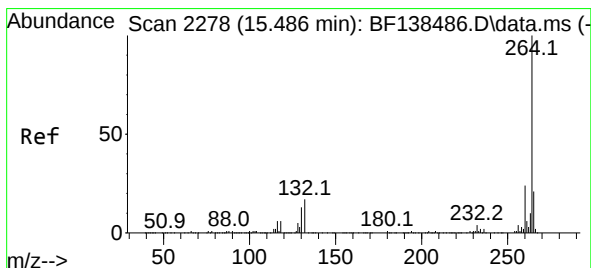
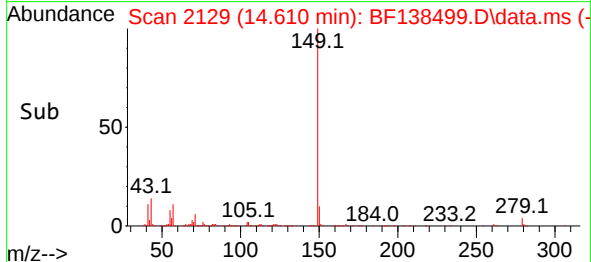
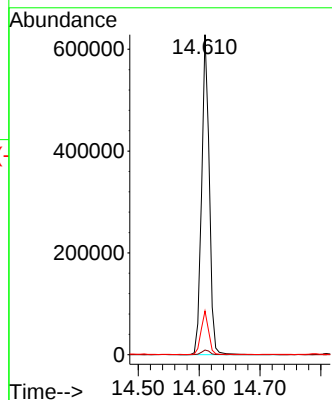
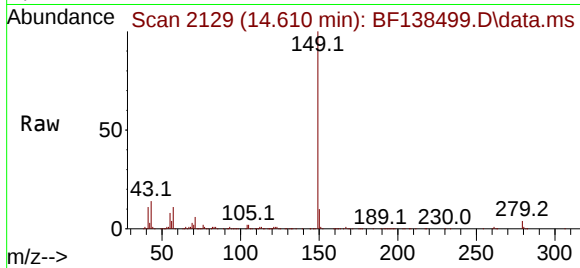




#85
Di-n-octyl phthalate
Concen: 48.110 ng
RT: 14.610 min Scan# 2129
Delta R.T. 0.001 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

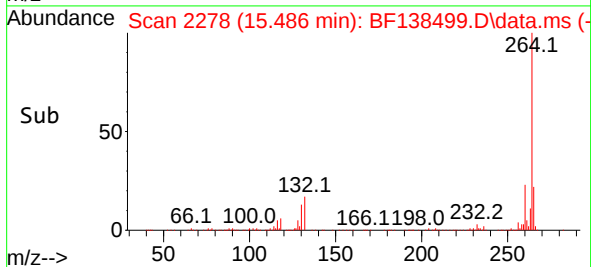
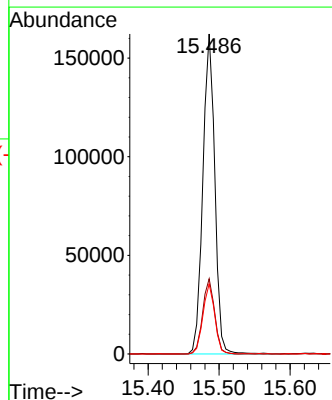
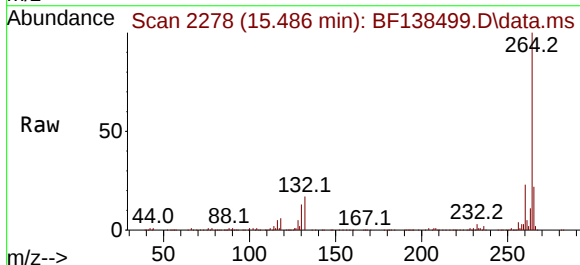
Instrument :
BNA_F
ClientSampleId :
PB161976BSD

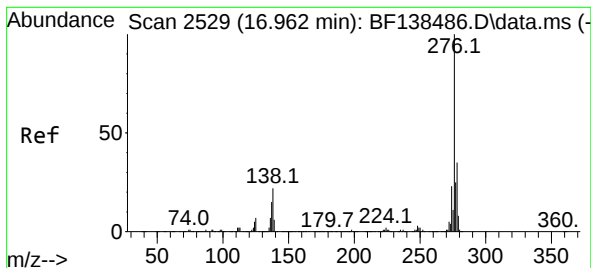
Tgt Ion:149 Resp: 549009
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.4 10.7 16.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:264 Resp: 190346
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 21.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.736 ng

RT: 16.962 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

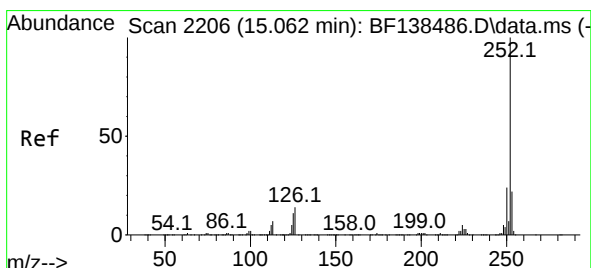
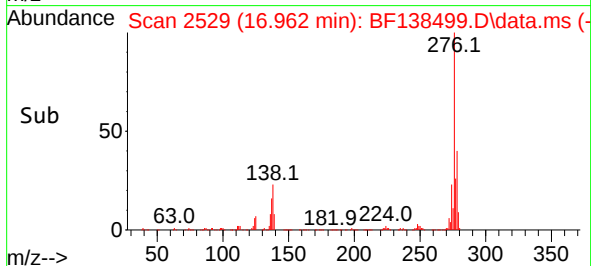
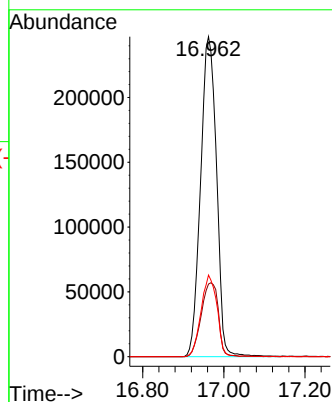
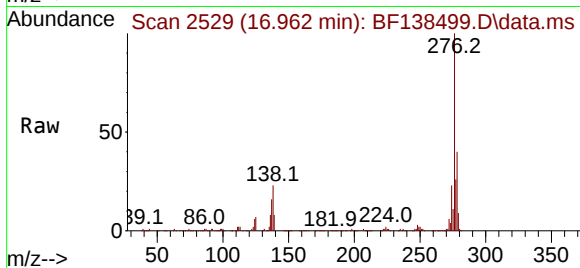
Tgt Ion:276 Resp: 674255

Ion Ratio Lower Upper

276 100

138 24.8 19.6 29.4

277 25.5 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 50.184 ng

RT: 15.062 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

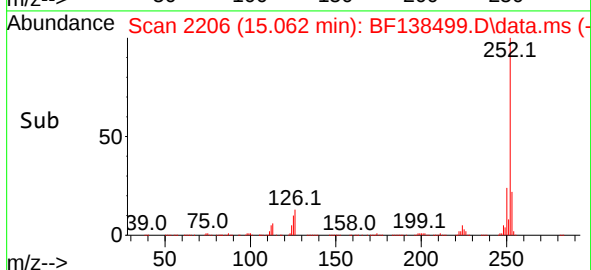
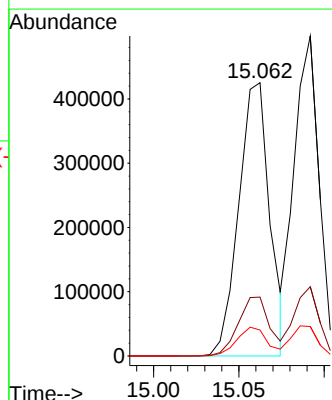
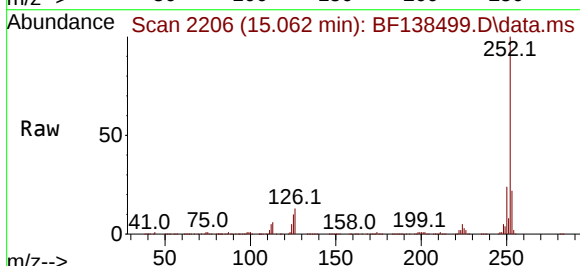
Tgt Ion:252 Resp: 537956

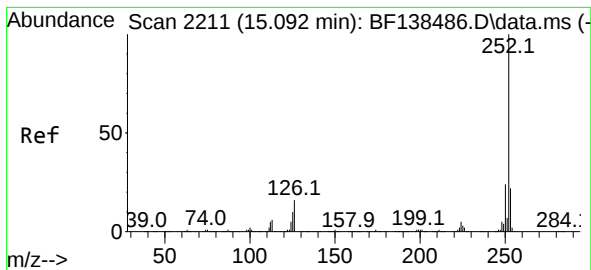
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 9.5 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 48.855 ng

RT: 15.092 min Scan# 2111

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

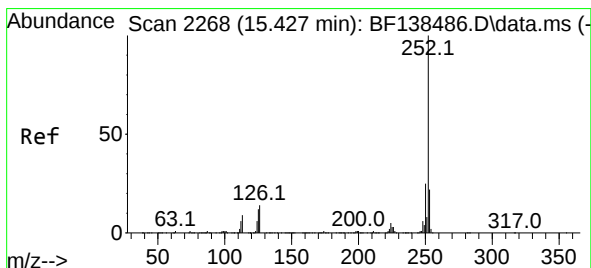
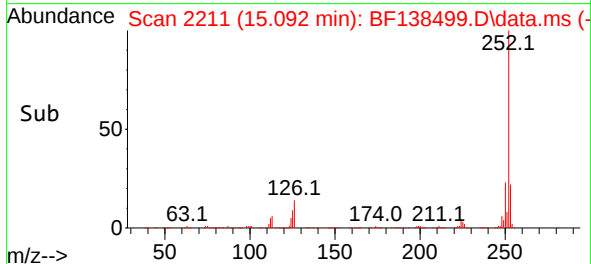
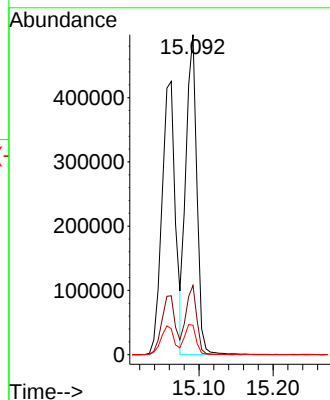
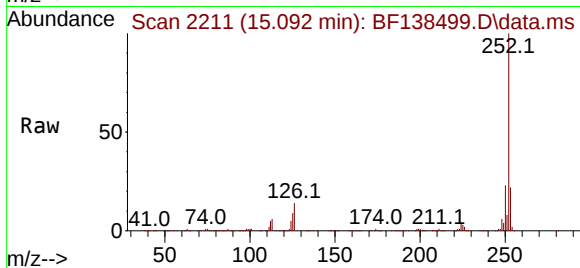
Tgt Ion:252 Resp: 510769

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 9.2 8.1 12.1



#90

Benzo(a)pyrene

Concen: 49.816 ng

RT: 15.427 min Scan# 2268

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

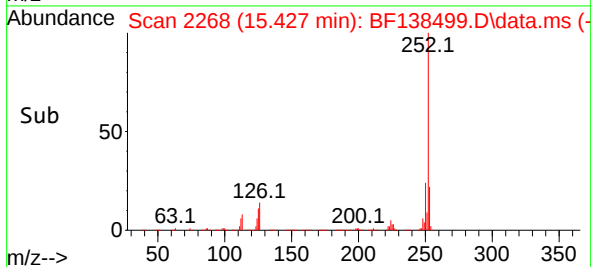
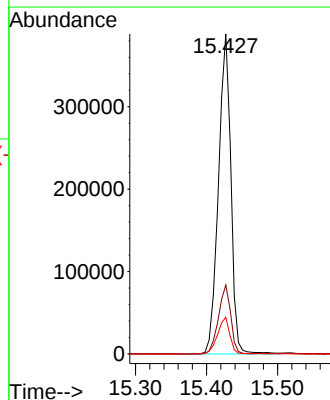
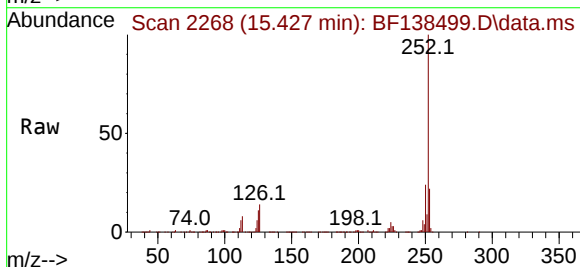
Tgt Ion:252 Resp: 469112

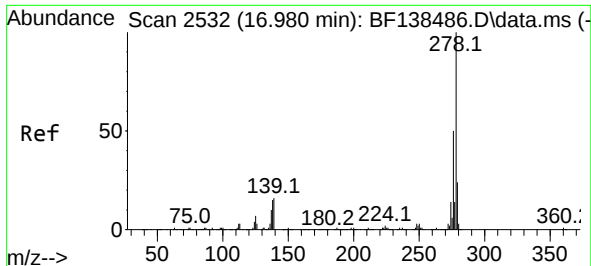
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 11.4 9.4 14.2

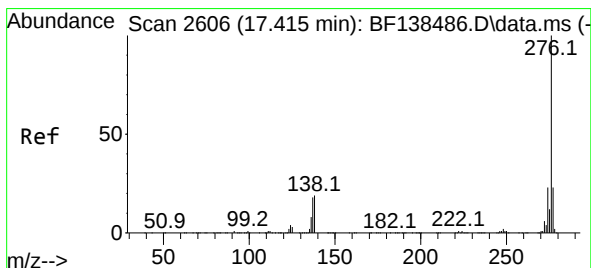
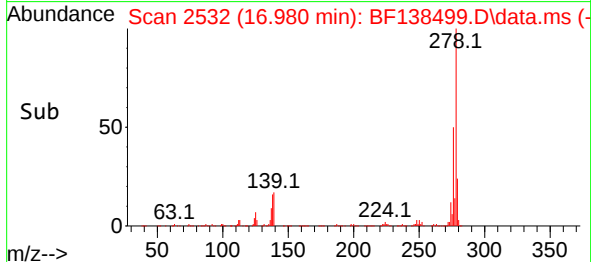
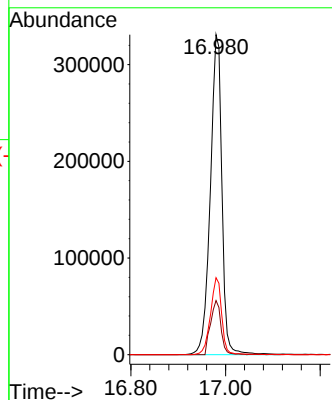
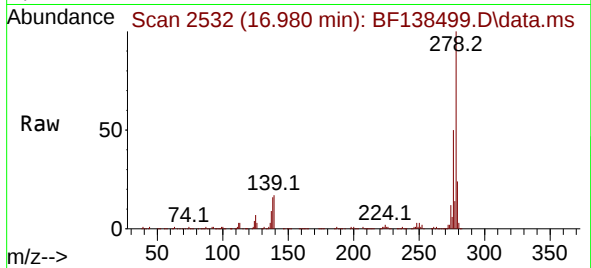




#91
Dibenzo(a,h)anthracene
Concen: 53.777 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Instrument :
BNA_F
ClientSampleId :
PB161976BSD

Tgt Ion:278 Resp: 562434
Ion Ratio Lower Upper
278 100
139 16.9 12.8 19.2
279 24.1 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 51.186 ng
RT: 17.409 min Scan# 2605
Delta R.T. -0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:276 Resp: 567672
Ion Ratio Lower Upper
276 100
277 23.4 18.0 27.0
138 21.7 15.5 23.3

