

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
 Data File : BF138677.D
 Acq On : 29 Jul 2024 19:16
 Operator : RC/JU
 Sample : P3362-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11978MSD

Quant Time: Jul 30 01:01:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	93096	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	356439	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	156681	20.000	ng	-0.01
64) Phenanthrene-d10	11.381	188	215112	20.000	ng	0.00
76) Chrysene-d12	14.022	240	152780	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	121712	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	683161	116.220	ng	0.00
7) Phenol-d6	6.493	99	901727	115.315	ng	-0.01
23) Nitrobenzene-d5	7.416	82	579344	79.802	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	142010	96.979	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	889066	88.685	ng	-0.02
79) Terphenyl-d14	12.963	244	737827	78.676	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	111992	43.018	ng	96
3) Pyridine	3.458	79	286693	44.655	ng	94
4) n-Nitrosodimethylamine	3.410	42	193971	46.411	ng	86
6) Aniline	6.516	93	140025	19.118	ng	# 1
8) 2-Chlorophenol	6.640	128	310604	49.972	ng	99
9) Benzaldehyde	6.398	77	21667	5.177	ng	96
10) Phenol	6.510	94	395595	47.661	ng	98
11) bis(2-Chloroethyl)ether	6.587	93	312540	50.012	ng	98
12) 1,3-Dichlorobenzene	6.793	146	323247	46.267	ng	97
13) 1,4-Dichlorobenzene	6.869	146	324811	45.782	ng	98
14) 1,2-Dichlorobenzene	7.016	146	305859	46.287	ng	97
15) Benzyl Alcohol	6.998	79	288458	49.154	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.122	45	549257	44.694	ng	70
17) 2-Methylphenol	7.110	107	242851	47.674	ng	# 93
18) Hexachloroethane	7.357	117	109461	41.968	ng	95
19) n-Nitroso-di-n-propyla...	7.263	70	231403	47.891	ng	94
20) 3+4-Methylphenols	7.263	107	305874	47.683	ng	93
22) Acetophenone	7.263	105	392653	45.357	ng	98
24) Nitrobenzene	7.434	77	340889	46.206	ng	97
25) Isophorone	7.675	82	613741	49.228	ng	99
26) 2-Nitrophenol	7.751	139	147823	46.749	ng	98
27) 2,4-Dimethylphenol	7.787	122	202913	52.212	ng	99
28) bis(2-Chloroethoxy)met...	7.881	93	377183	50.622	ng	98
29) 2,4-Dichlorophenol	7.998	162	230142	45.602	ng	99
30) 1,2,4-Trichlorobenzene	8.075	180	255894	43.526	ng	99
31) Naphthalene	8.157	128	854270	46.083	ng	100
32) Benzoic acid	7.922	122	102531	27.661	ng	98
33) 4-Chloroaniline	8.204	127	72592	11.161	ng	98
34) Hexachlorobutadiene	8.263	225	149528	41.303	ng	98
35) Caprolactam	8.587	113	65205	40.040	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	245574	43.465	ng	100
37) 2-Methylnaphthalene	8.845	142	521256	43.695	ng	99
38) 1-Methylnaphthalene	8.945	142	474057	40.717	ng	98
40) 1,2,4,5-Tetrachloroben...	9.016	216	210573	48.221	ng	100
41) Hexachlorocyclopentadiene	8.998	237	40676	28.698	ng	99
43) 2,4,6-Trichlorophenol	9.134	196	133827	48.044	ng	100

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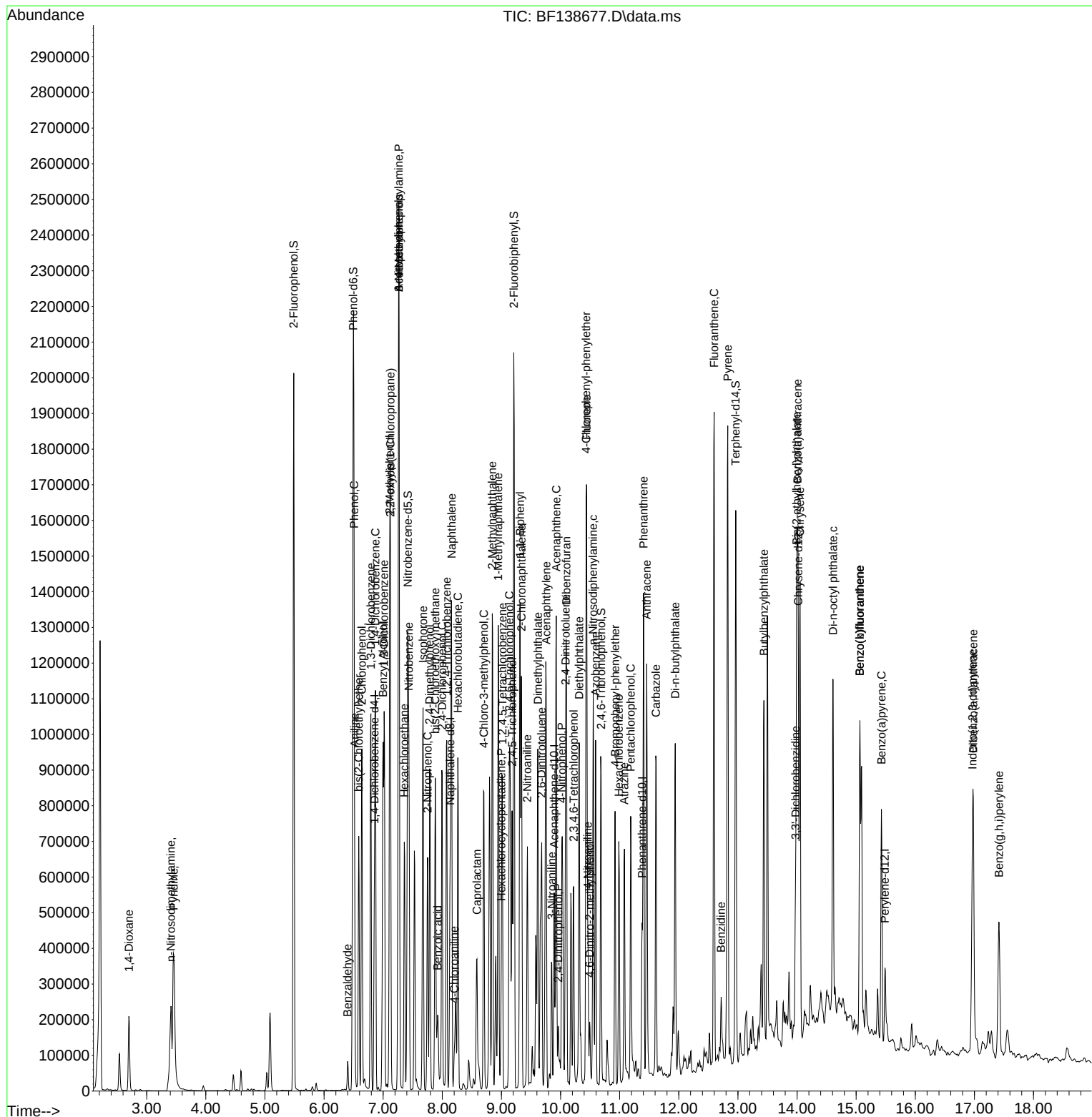
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	135221	44.136	ng	94
46) 1,1'-Biphenyl	9.316	154	582132	49.026	ng	99
47) 2-Chloronaphthalene	9.339	162	439855	49.035	ng	99
48) 2-Nitroaniline	9.439	65	155282	49.954	ng	98
49) Acenaphthylene	9.757	152	664266	52.158	ng	100
50) Dimethylphthalate	9.616	163	543127	53.609	ng	99
51) 2,6-Dinitrotoluene	9.681	165	106978	45.860	ng	93
52) Acenaphthene	9.928	154	410270	48.463	ng	99
53) 3-Nitroaniline	9.851	138	70845	29.632	ng	97
54) 2,4-Dinitrophenol	9.963	184	30255	27.424	ng	94
55) Dibenzofuran	10.098	168	574728	46.805	ng	99
56) 4-Nitrophenol	10.022	139	127496	72.272	ng	95
57) 2,4-Dinitrotoluene	10.086	165	124183	41.145	ng	93
58) Fluorene	10.439	166	427120	43.961	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	100633	41.620	ng	97
60) Diethylphthalate	10.316	149	481908	49.341	ng	99
61) 4-Chlorophenyl-phenyle...	10.434	204	208871	42.812	ng	95
62) 4-Nitroaniline	10.463	138	86953	36.294	ng	95
63) Azobenzene	10.592	77	469217	44.684	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	27642	22.255	ng	77
66) n-Nitrosodiphenylamine	10.551	169	359606	55.797	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	115642	52.304	ng	100
68) Hexachlorobenzene	10.986	284	120238	48.953	ng	96
69) Atrazine	11.081	200	100074	46.834	ng	99
70) Pentachlorophenol	11.186	266	127559	87.766	ng	97
71) Phenanthrene	11.404	178	695046	63.956	ng	99
72) Anthracene	11.457	178	603326	55.926	ng	100
73) Carbazole	11.616	167	503107	51.895	ng	99
74) Di-n-butylphthalate	11.939	149	621625	55.627	ng	100
75) Fluoranthene	12.598	202	1053941	95.042	ng	97
77) Benzidine	12.716	184	94639	24.552	ng	99
78) Pyrene	12.827	202	1042211	67.199	ng	99
80) Butylbenzylphthalate	13.439	149	278684	59.733	ng	99
81) Benzo(a)anthracene	14.010	228	720636	70.295	ng	98
82) 3,3'-Dichlorobenzidine	13.974	252	104946	39.729	ng	# 97
83) Chrysene	14.051	228	602887	62.166	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	387833	77.944	ng	99
85) Di-n-octyl phthalate	14.610	149	649912	82.681	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	454411	55.583	ng	99
88) Benzo(b)fluoranthene	15.063	252	520594	75.950	ng	99
89) Benzo(k)fluoranthene	15.063	252	520594	77.874	ng	99
90) Benzo(a)pyrene	15.427	252	386742	64.228	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	340987	50.988	ng	97
92) Benzo(g,h,i)perylene	17.415	276	347895	49.058	ng	95

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

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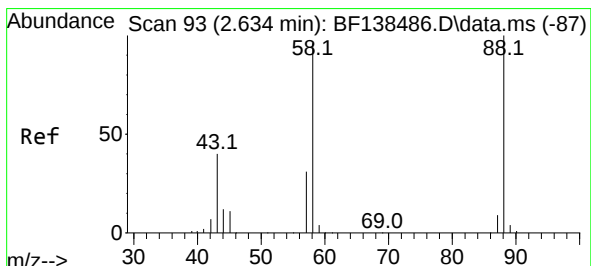
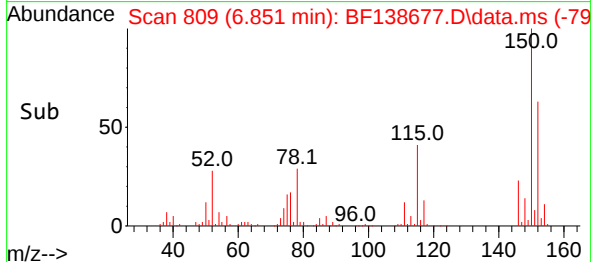
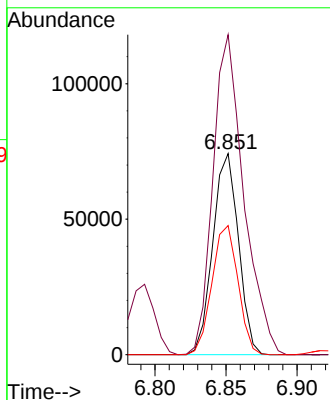
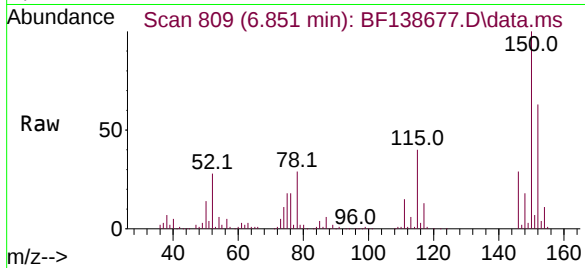




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BF138677.D
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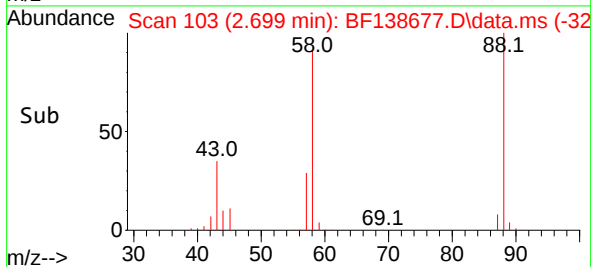
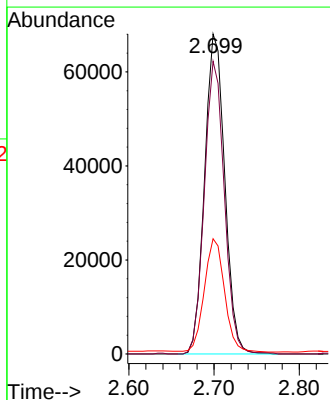
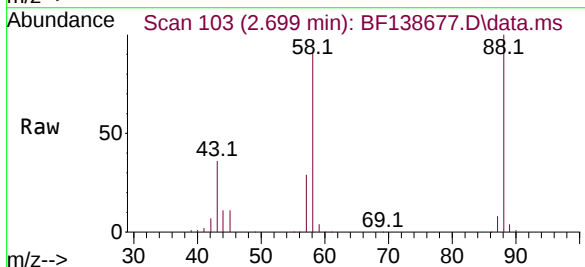
Instrument :
 BNA_F
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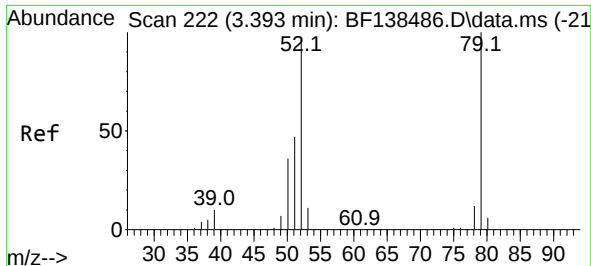
Tgt Ion:152 Resp: 93096
 Ion Ratio Lower Upper
 152 100
 150 159.1 126.2 189.4
 115 64.2 50.3 75.5



#2
 1,4-Dioxane
 Concen: 43.018 ng
 RT: 2.699 min Scan# 103
 Delta R.T. 0.065 min
 Lab File: BF138677.D
 Acq: 29 Jul 2024 19:16

Tgt Ion: 88 Resp: 111992
 Ion Ratio Lower Upper
 88 100
 58 90.8 74.6 112.0
 43 35.6 31.8 47.6





#3

Pyridine

Concen: 44.655 ng

RT: 3.458 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

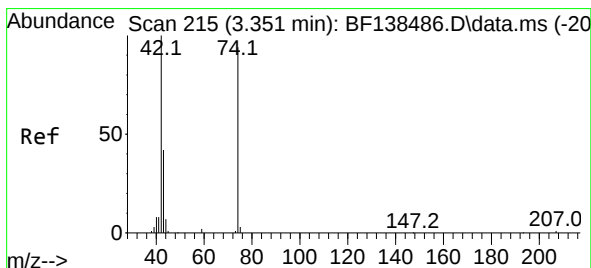
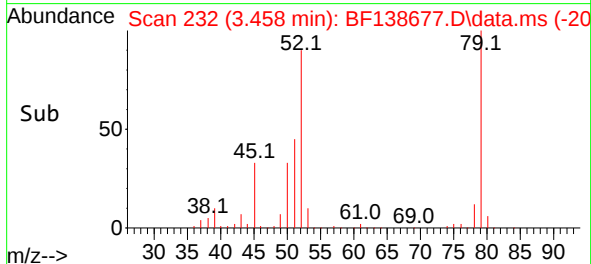
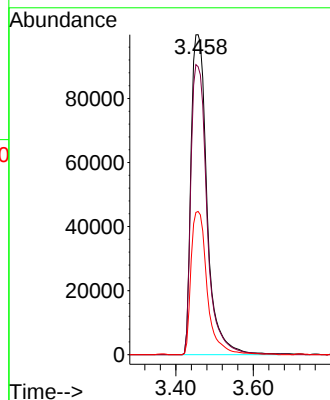
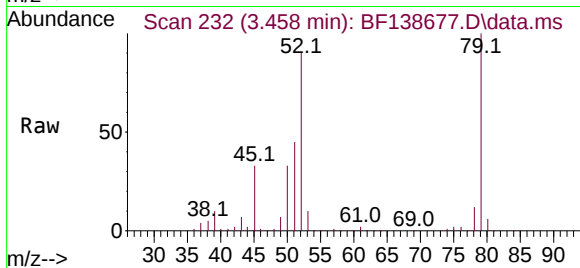
Tgt Ion: 79 Resp: 286693

Ion Ratio Lower Upper

79 100

52 90.0 77.4 116.2

51 44.8 37.4 56.0



#4

n-Nitrosodimethylamine

Concen: 46.411 ng

RT: 3.410 min Scan# 224

Delta R.T. 0.059 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

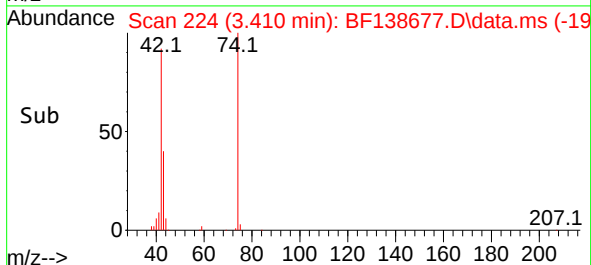
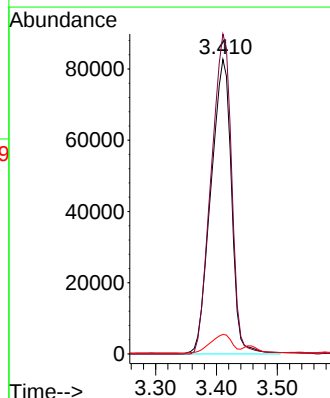
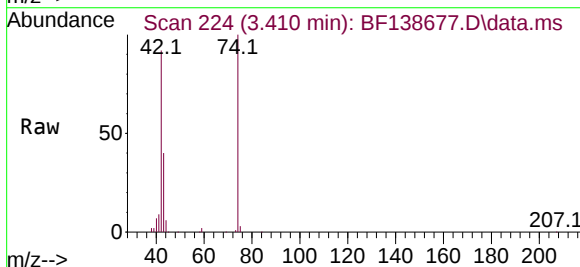
Tgt Ion: 42 Resp: 193971

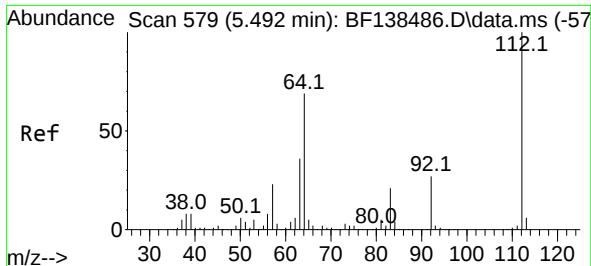
Ion Ratio Lower Upper

42 100

74 108.6 75.0 112.6

44 6.6 5.4 8.2

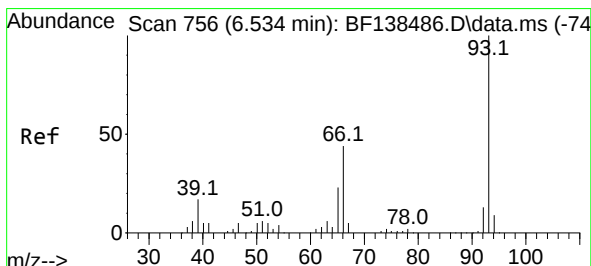
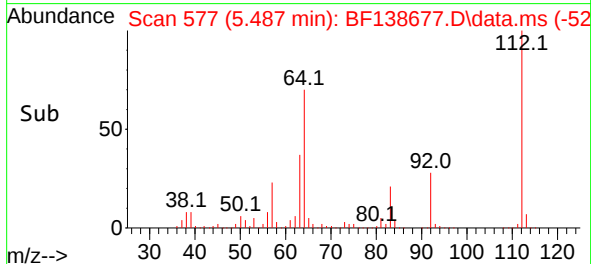
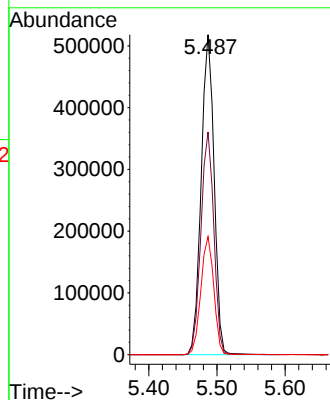
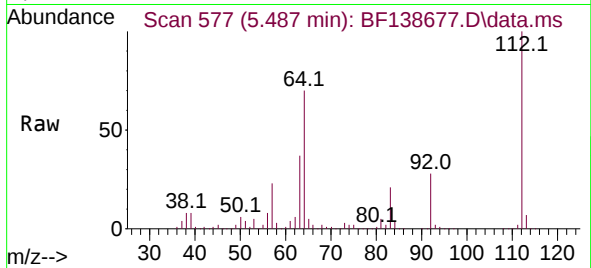




#5
2-Fluorophenol
Concen: 116.220 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

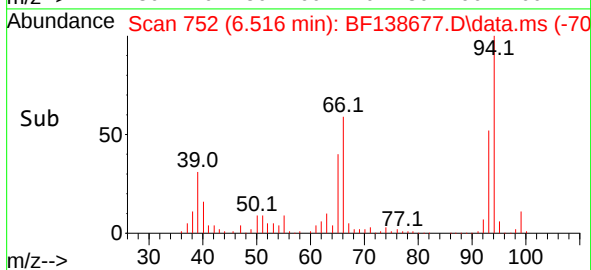
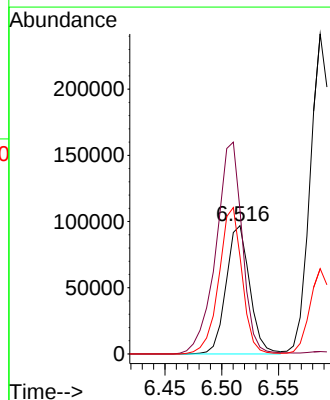
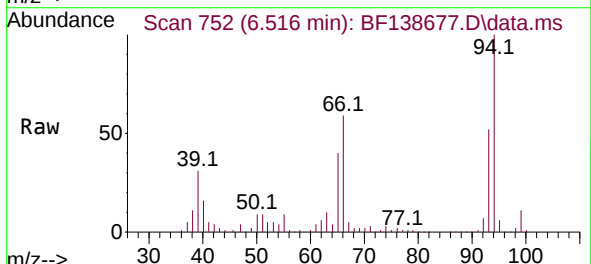
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Tgt Ion:112 Resp: 683161
Ion Ratio Lower Upper
112 100
64 69.6 55.1 82.7
63 36.9 29.0 43.6



#6
Aniline
Concen: 19.118 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.017 min
Lab File: BF138677.D
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Tgt Ion: 93 Resp: 140025
Ion Ratio Lower Upper
93 100
66 111.7 35.4 53.0#
65 75.7 18.6 27.8#

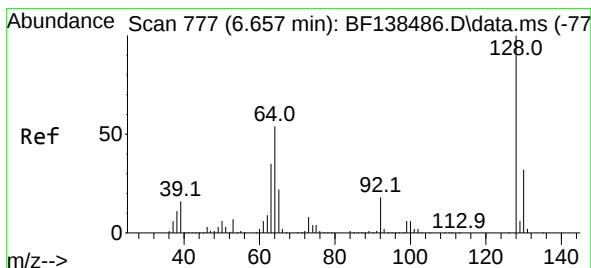
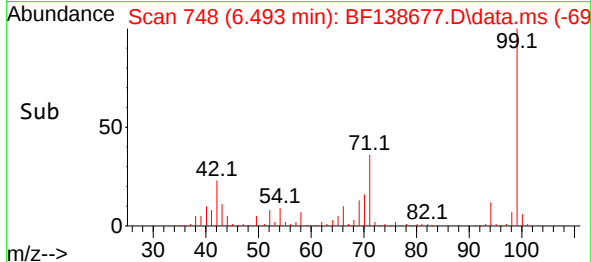
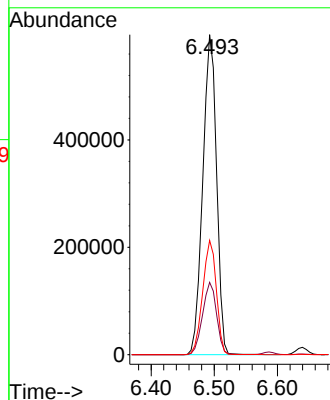
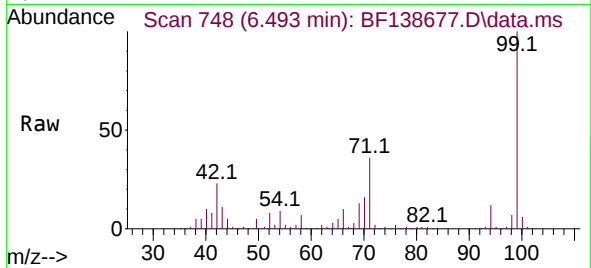




#7
Phenol-d6
Concen: 115.315 ng
RT: 6.493 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

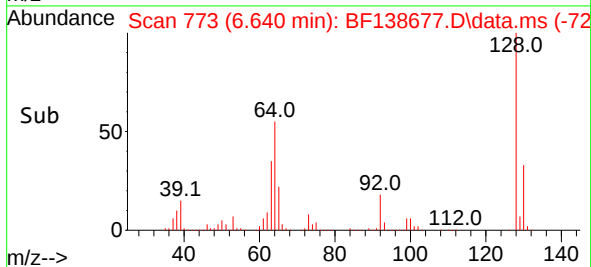
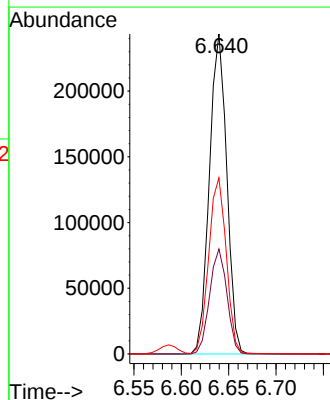
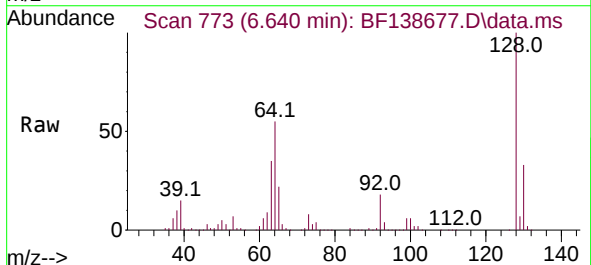
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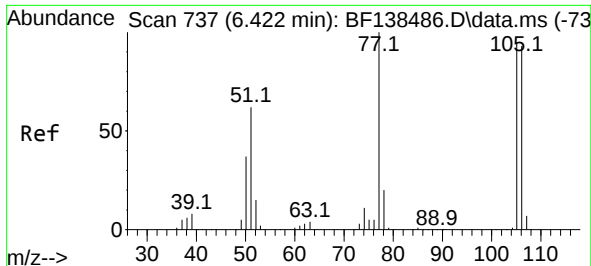
Tgt Ion: 99 Resp: 901727
Ion Ratio Lower Upper
99 100
42 22.6 19.7 29.5
71 35.7 29.9 44.9



#8
2-Chlorophenol
Concen: 49.972 ng
RT: 6.640 min Scan# 773
Delta R.T. -0.017 min
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Tgt Ion: 128 Resp: 310604
Ion Ratio Lower Upper
128 100
130 32.8 12.1 52.1
64 55.1 34.4 74.4

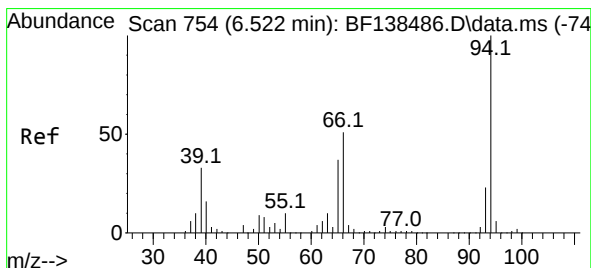
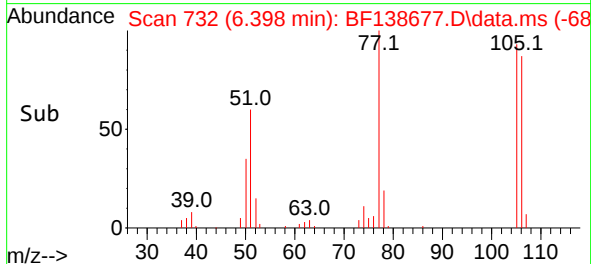
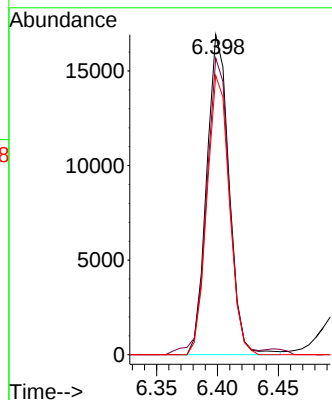
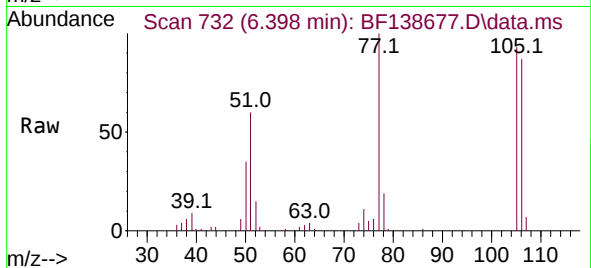




#9
Benzaldehyde
Concen: 5.177 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.024 min
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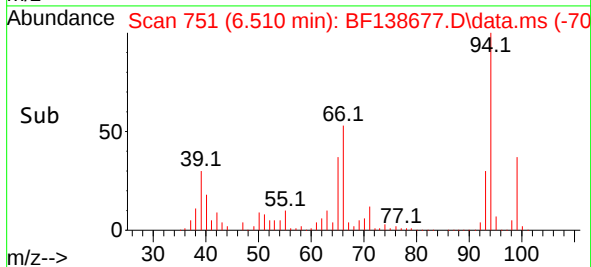
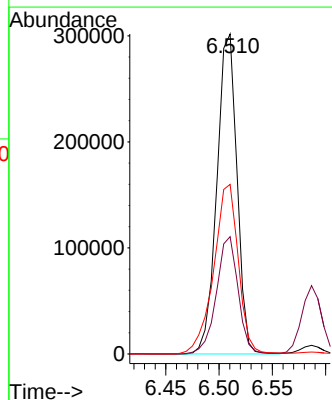
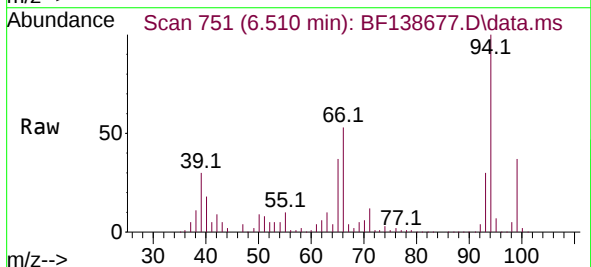
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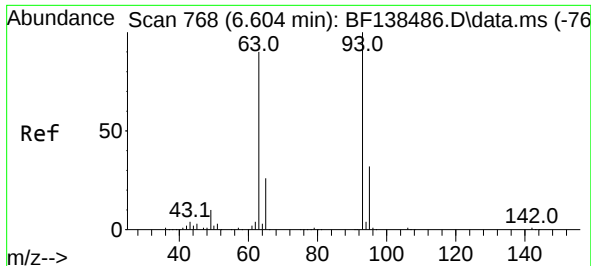
Tgt Ion: 77 Resp: 21667
Ion Ratio Lower Upper
77 100
105 92.7 75.1 115.1
106 87.3 73.2 113.2



#10
Phenol
Concen: 47.661 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.011 min
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Tgt Ion: 94 Resp: 395595
Ion Ratio Lower Upper
94 100
65 36.6 16.7 56.7
66 53.0 31.2 71.2

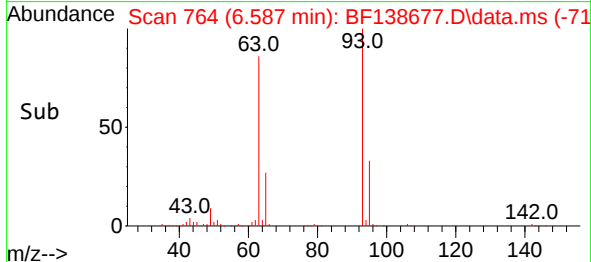
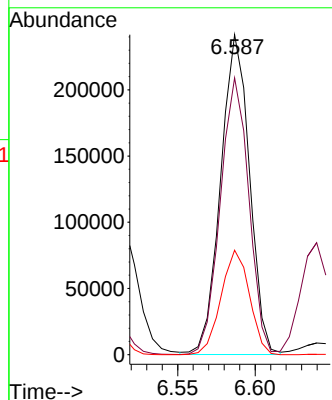
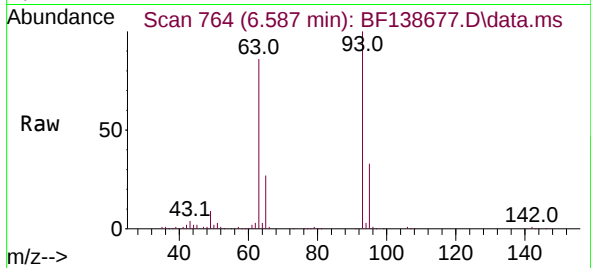




#11
bis(2-Chloroethyl)ether
Concen: 50.012 ng
RT: 6.587 min Scan# 701
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

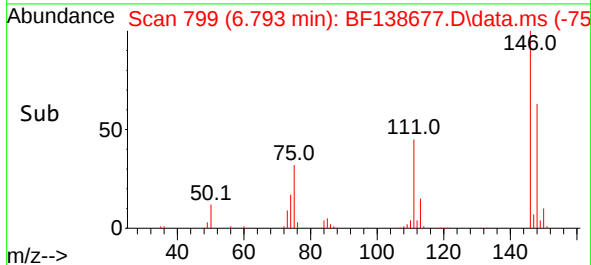
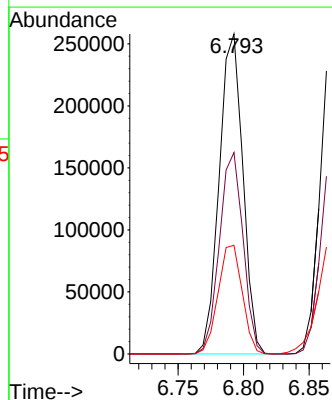
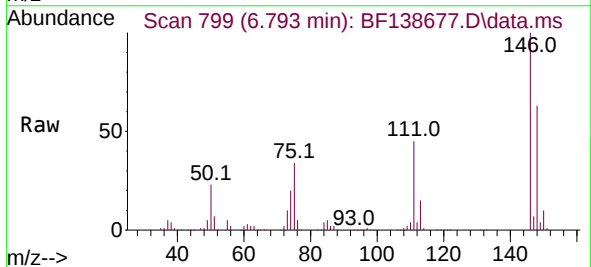
Instrument :
BNA_F
ClientSampleId :
72-11978MSD

Tgt Ion: 93 Resp: 312540
Ion Ratio Lower Upper
93 100
63 86.5 68.8 108.8
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 46.267 ng
RT: 6.793 min Scan# 799
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:146 Resp: 323247
Ion Ratio Lower Upper
146 100
148 63.0 52.4 78.6
75 34.0 27.8 41.8

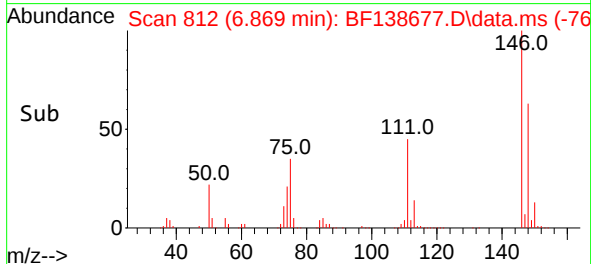
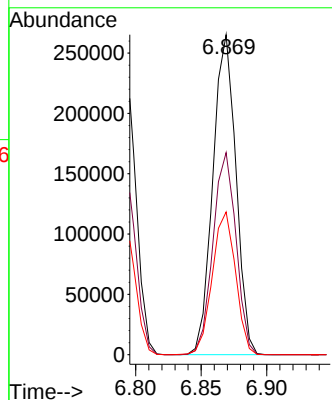
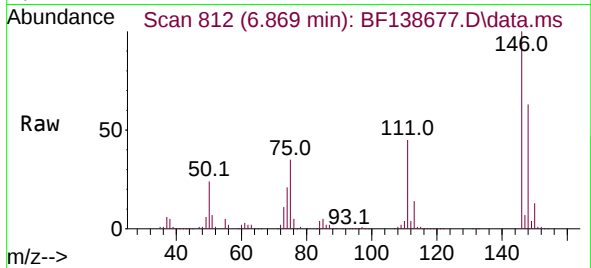




#13
1,4-Dichlorobenzene
Concen: 45.782 ng
RT: 6.869 min Scan# 816
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

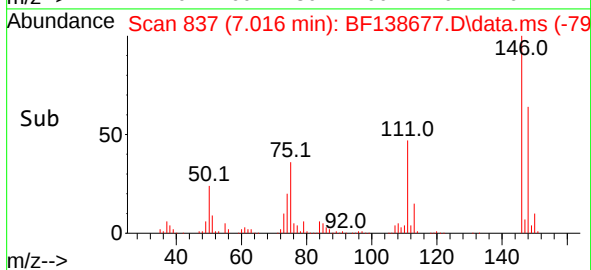
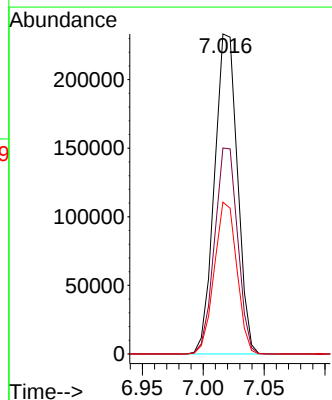
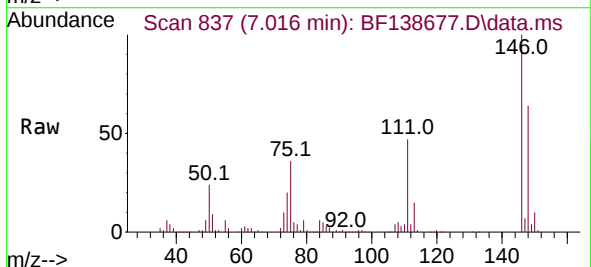
Instrument :
BNA_F
ClientSampleId :
72-11978MSD

Tgt Ion:146 Resp: 324811
Ion Ratio Lower Upper
146 100
148 63.2 51.6 77.4
111 44.6 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 46.287 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.023 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:146 Resp: 305859
Ion Ratio Lower Upper
146 100
148 64.4 50.1 75.1
111 47.4 35.5 53.3

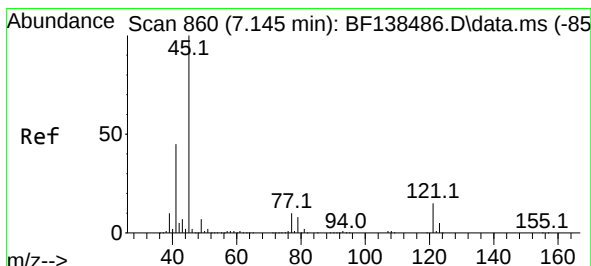
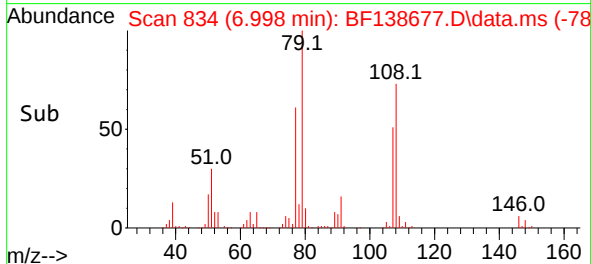
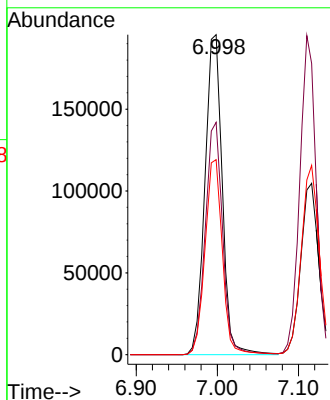
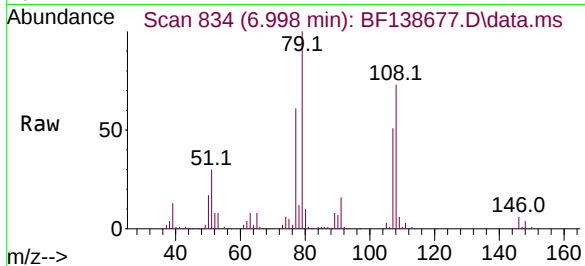




#15
Benzyl Alcohol
Concen: 49.154 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

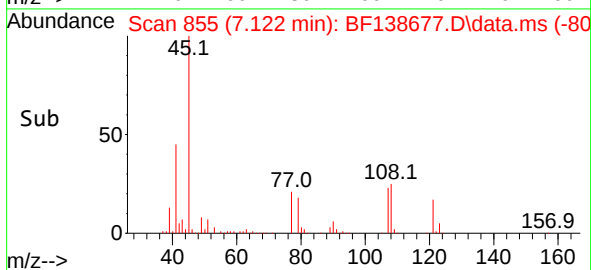
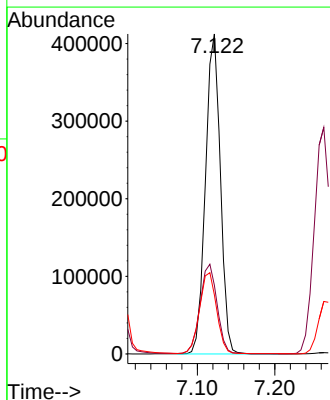
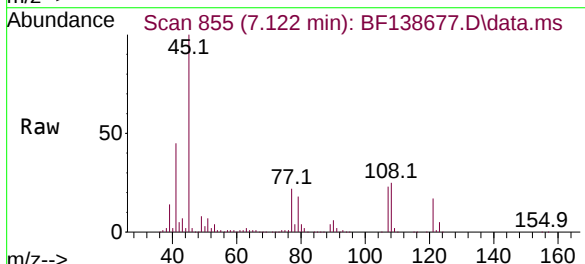
Instrument :
BNA_F
ClientSampleId :
72-11978MSD

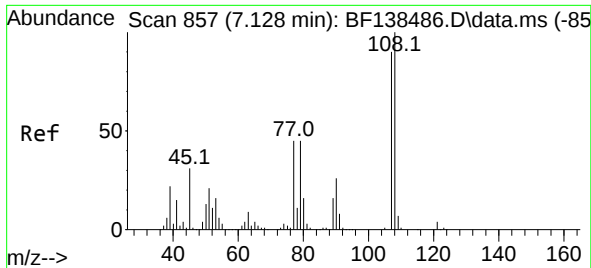
Tgt Ion: 79 Resp: 288458
Ion Ratio Lower Upper
79 100
108 72.6 54.3 81.5
77 60.9 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.694 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.023 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion: 45 Resp: 549257
Ion Ratio Lower Upper
45 100
77 21.5 0.0 30.4
79 18.5 0.0 28.1

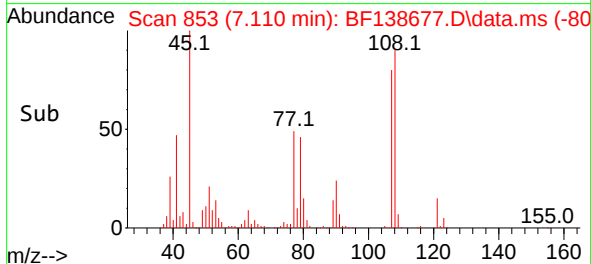
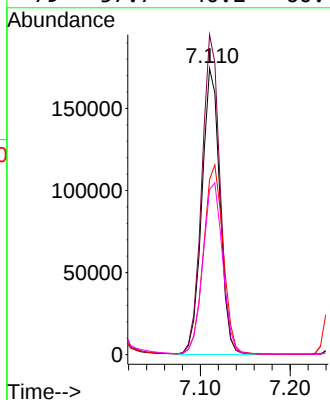
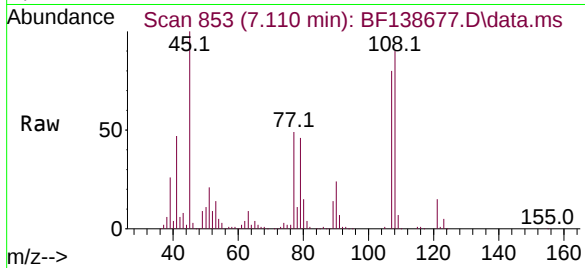




#17
2-Methylphenol
Concen: 47.674 ng
RT: 7.110 min Scan# 811
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

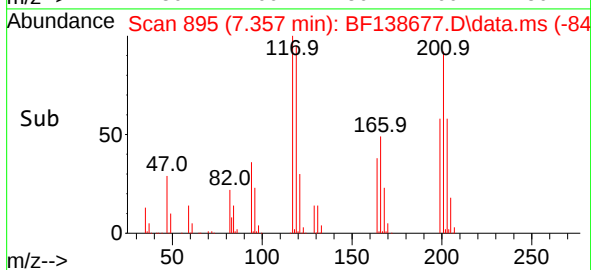
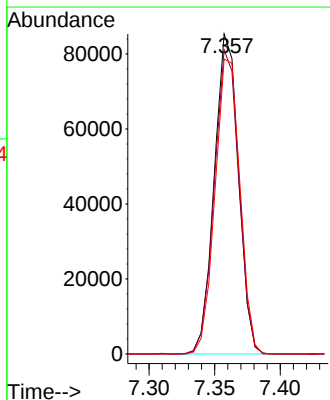
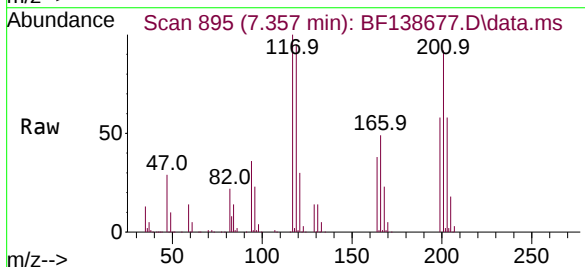
Instrument :
BNA_F
ClientSampleId :
72-11978MSD

Tgt Ion:107 Resp: 242851
Ion Ratio Lower Upper
107 100
108 111.8 89.0 133.4
77 61.2 40.3 60.5#
79 57.7 40.2 60.4



#18
Hexachloroethane
Concen: 41.968 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.023 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:117 Resp: 109461
Ion Ratio Lower Upper
117 100
119 95.1 76.6 114.8
201 92.1 81.4 122.0

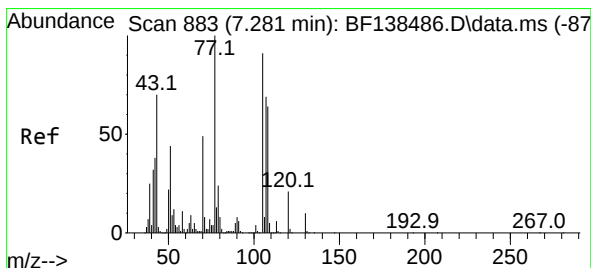
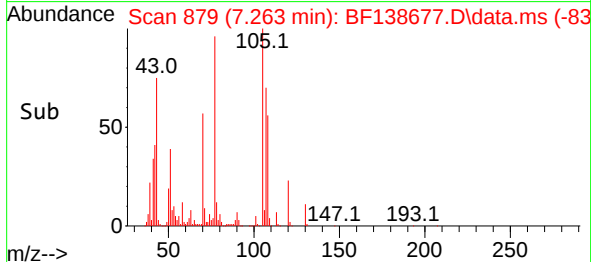
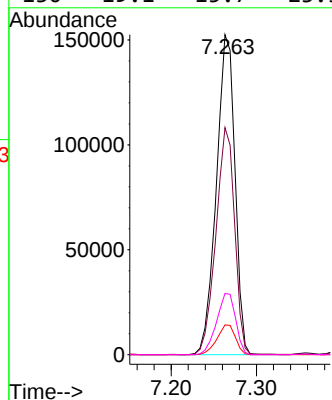
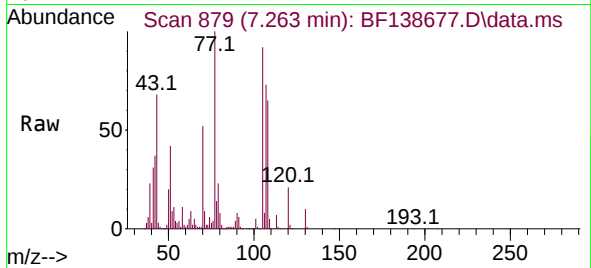




#19
n-Nitroso-di-n-propylamine
Concen: 47.891 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

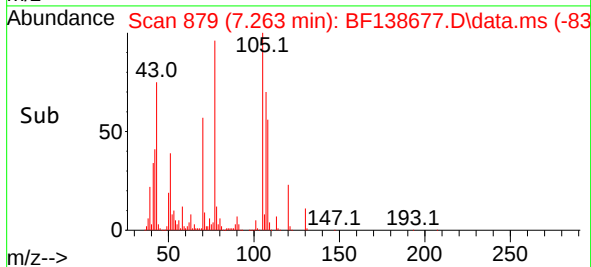
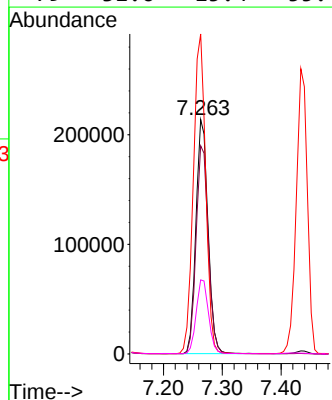
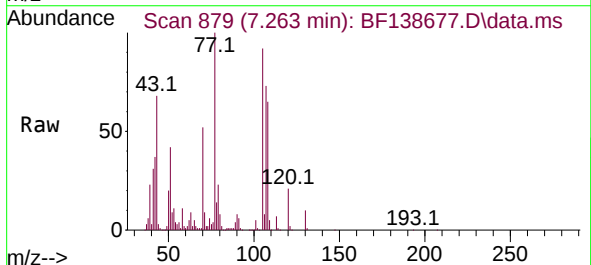
Instrument :
BNA_F
ClientSampleId :
72-11978MSD

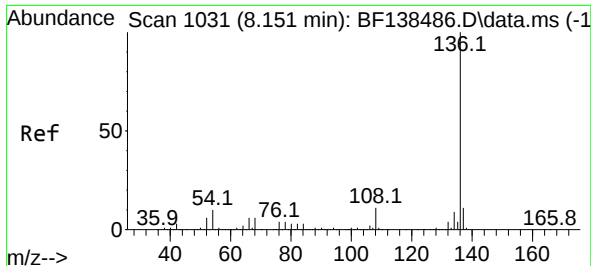
Tgt Ion: 70 Resp: 231403
Ion Ratio Lower Upper
70 100
42 70.9 62.4 93.6
101 9.3 7.2 10.8
130 19.1 15.7 23.5



#20
3+4-Methylphenols
Concen: 47.683 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:107 Resp: 305874
Ion Ratio Lower Upper
107 100
108 88.8 73.7 113.7
77 136.5 126.0 166.0
79 31.6 15.4 55.4

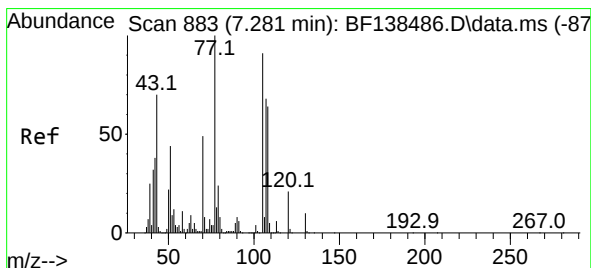
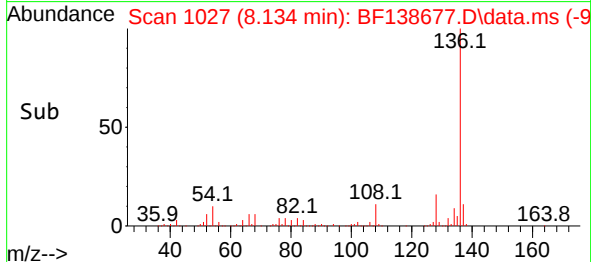
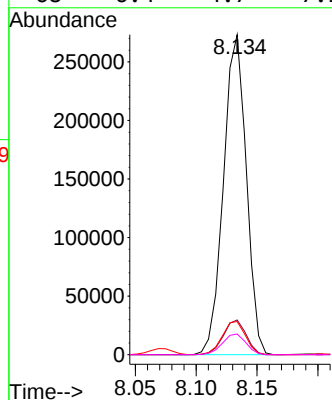
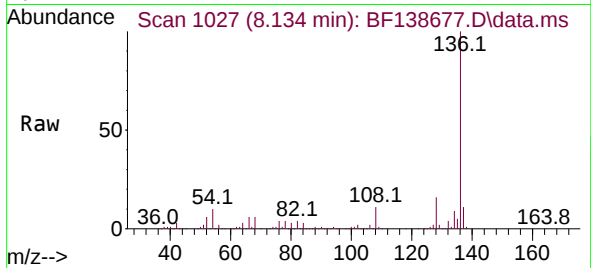




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

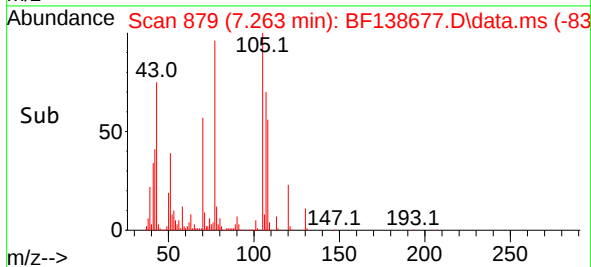
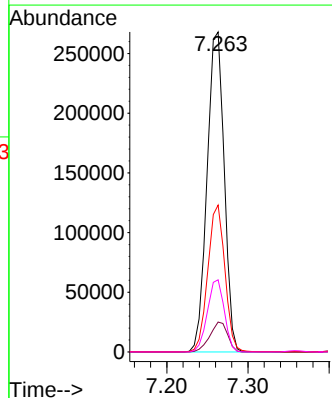
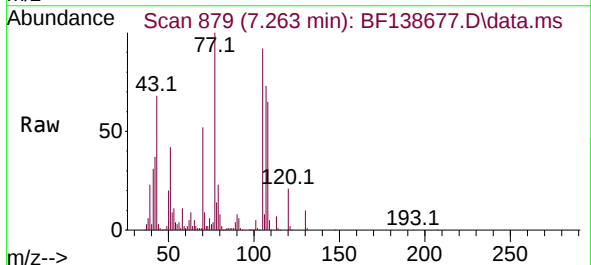
Instrument :
BNA_F
ClientSampleId :
72-11978MSD

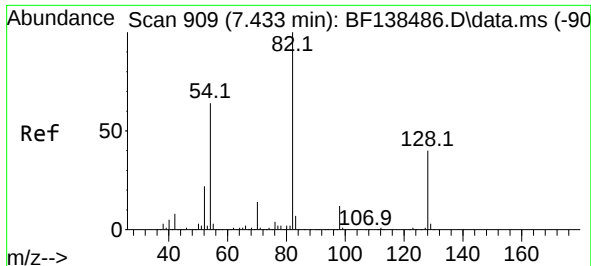
Tgt Ion:136 Resp: 356439
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.4 8.1 12.1
68 6.4 4.7 7.1



#22
Acetophenone
Concen: 45.357 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:105 Resp: 392653
Ion Ratio Lower Upper
105 100
71 9.3 7.4 11.2
51 45.9 38.7 58.1
120 22.6 18.2 27.2





#23

Nitrobenzene-d5

Concen: 79.802 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.017 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

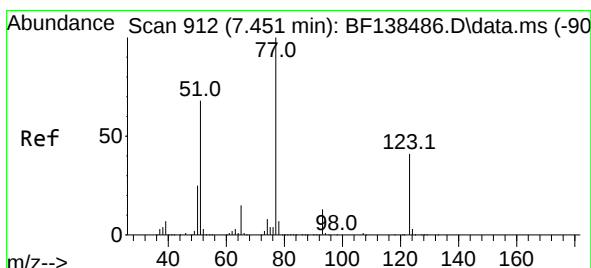
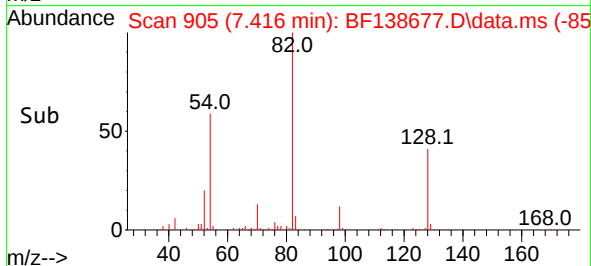
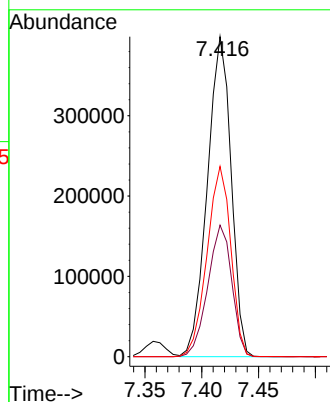
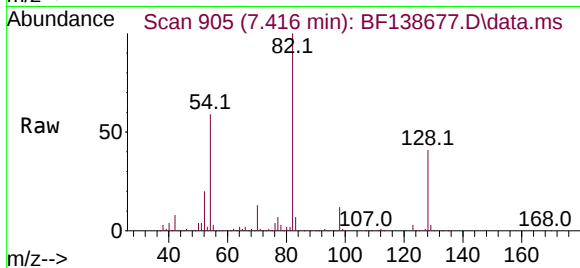
Tgt Ion: 82 Resp: 579344

Ion Ratio Lower Upper

82 100

128 41.1 32.3 48.5

54 59.5 51.4 77.0



#24

Nitrobenzene

Concen: 46.206 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.017 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

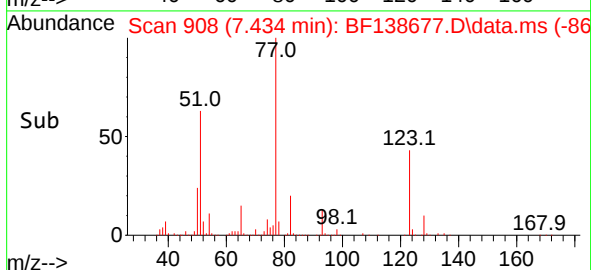
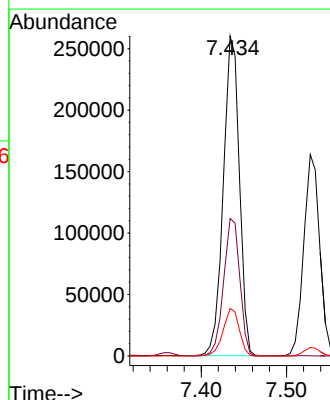
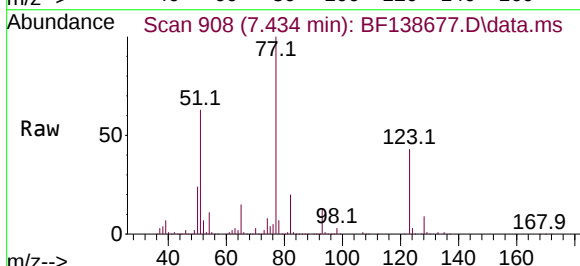
Tgt Ion: 77 Resp: 340889

Ion Ratio Lower Upper

77 100

123 43.0 32.4 48.6

65 14.9 11.8 17.8

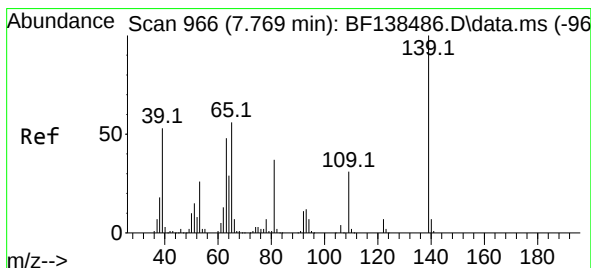
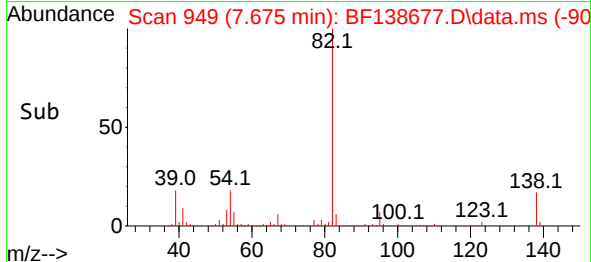
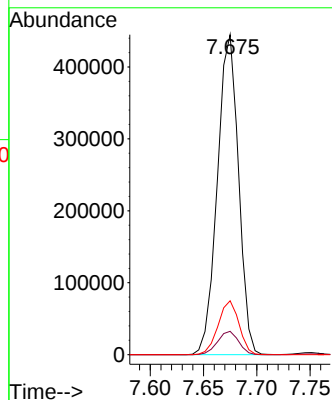
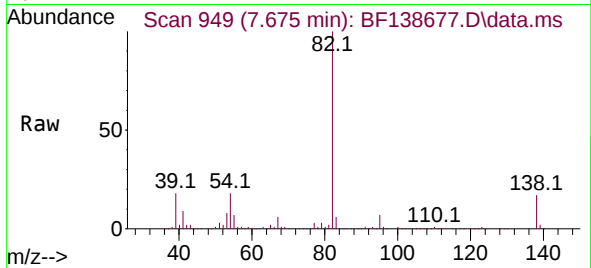




#25
Isophorone
Concen: 49.228 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.011 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

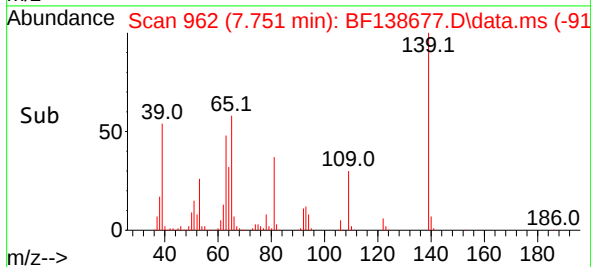
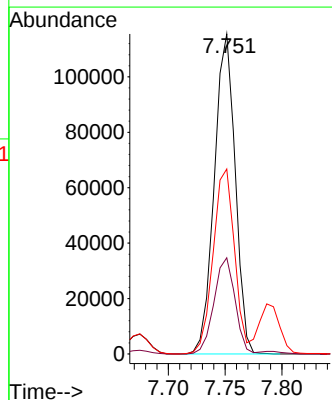
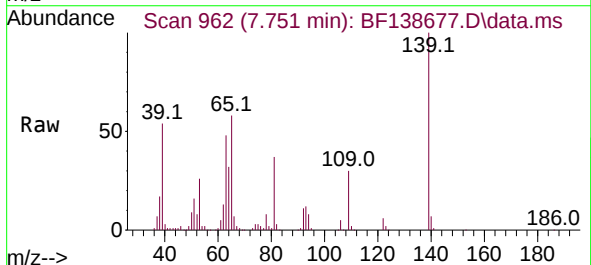
Instrument :
BNA_F
ClientSampleId :
72-11978MSD

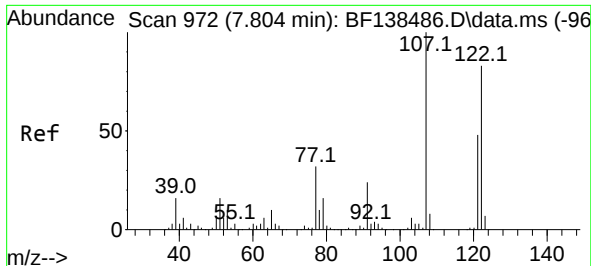
Tgt Ion: 82 Resp: 613741
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 16.8 12.8 19.2



#26
2-Nitrophenol
Concen: 46.749 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:139 Resp: 147823
Ion Ratio Lower Upper
139 100
109 30.1 24.8 37.2
65 57.8 45.1 67.7

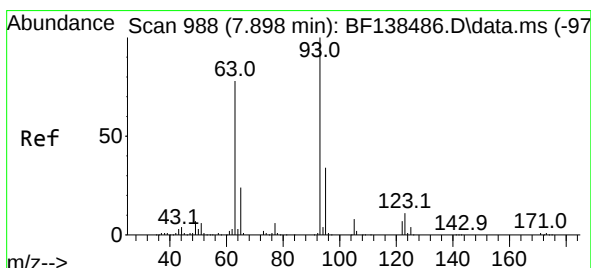
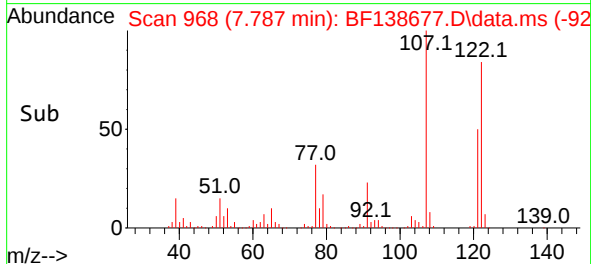
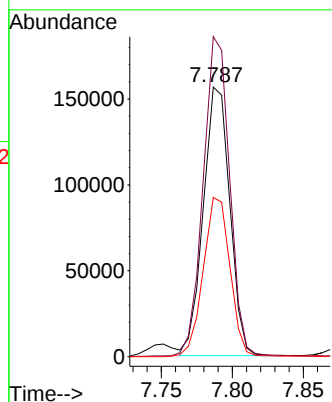
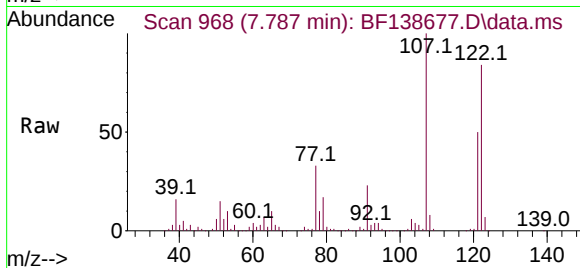




#27
2,4-Dimethylphenol
Concen: 52.212 ng
RT: 7.787 min Scan# 90
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

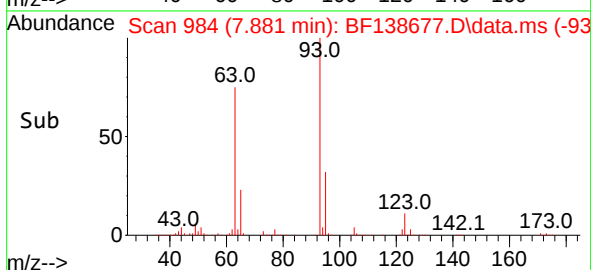
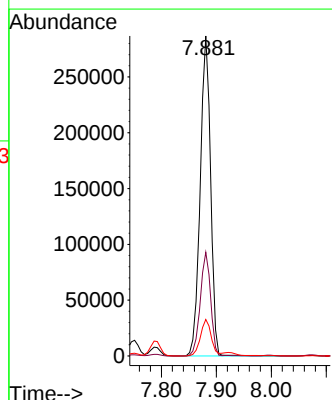
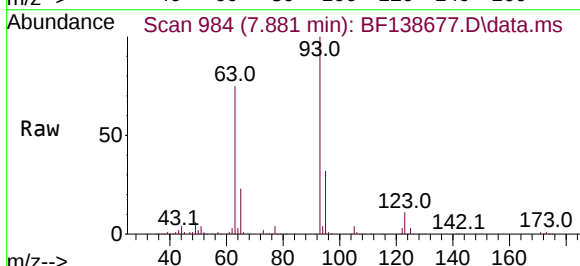
Instrument :
BNA_F
ClientSampleId :
72-11978MSD

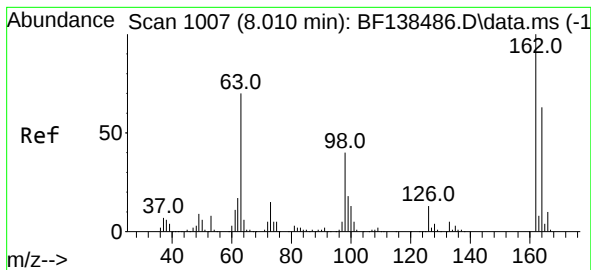
Tgt Ion:122 Resp: 202913
Ion Ratio Lower Upper
122 100
107 118.7 96.3 144.5
121 59.0 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 50.622 ng
RT: 7.881 min Scan# 984
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion: 93 Resp: 377183
Ion Ratio Lower Upper
93 100
95 32.4 27.0 40.6
123 11.4 9.1 13.7

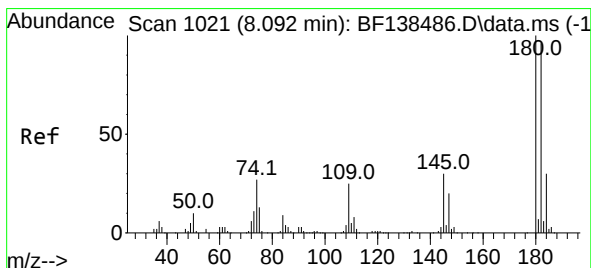
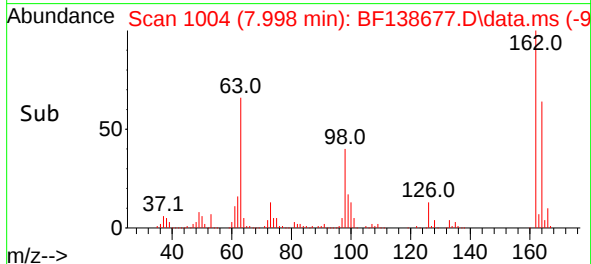
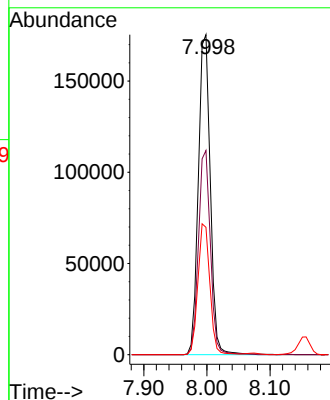
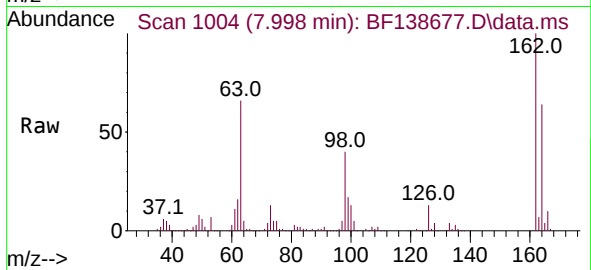




#29
2,4-Dichlorophenol
Concen: 45.602 ng
RT: 7.998 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

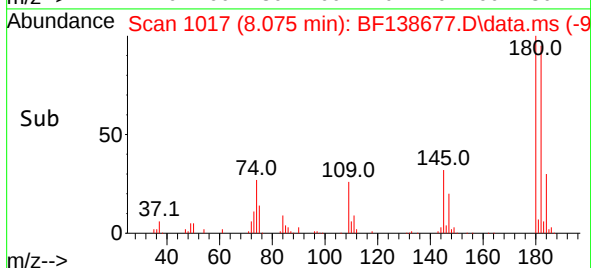
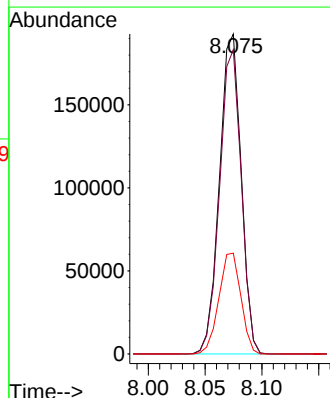
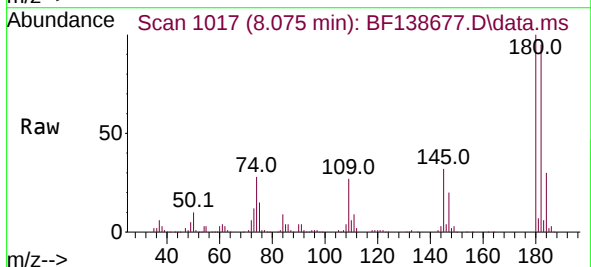
Instrument :
BNA_F
ClientSampleId :
72-11978MSD

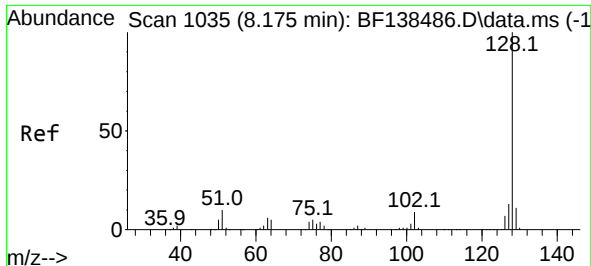
Tgt Ion:162 Resp: 230142
Ion Ratio Lower Upper
162 100
164 63.8 42.6 82.6
98 39.8 20.1 60.1



#30
1,2,4-Trichlorobenzene
Concen: 43.526 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:180 Resp: 255894
Ion Ratio Lower Upper
180 100
182 95.1 76.9 115.3
145 31.5 23.9 35.9

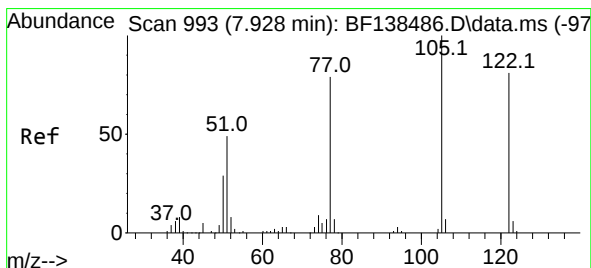
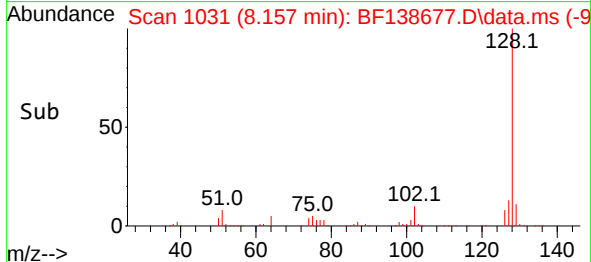
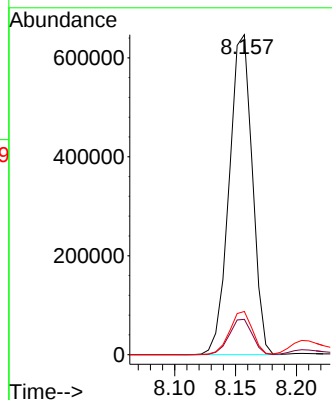
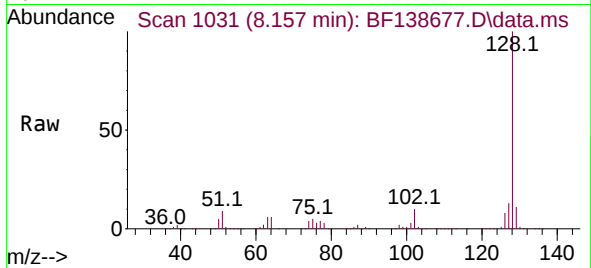




#31
Naphthalene
Concen: 46.083 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

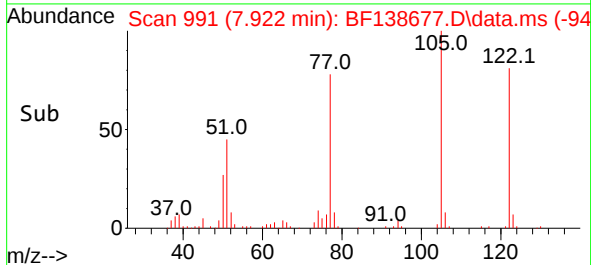
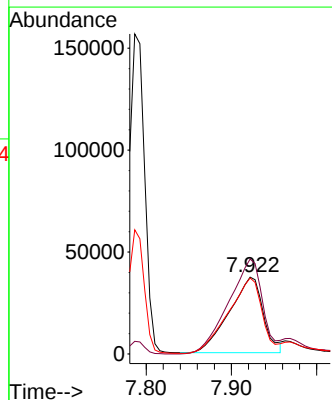
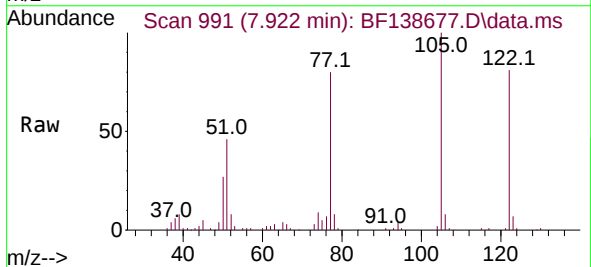
Instrument :
BNA_F
ClientSampleId :
72-11978MSD

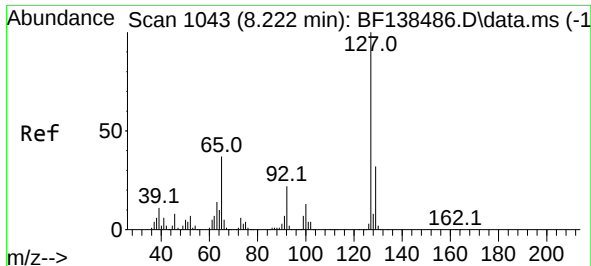
Tgt Ion:128 Resp: 854270
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 27.661 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:122 Resp: 102531
Ion Ratio Lower Upper
122 100
105 123.6 101.5 141.5
77 99.0 77.3 117.3

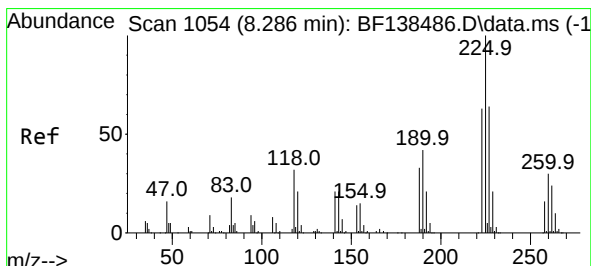
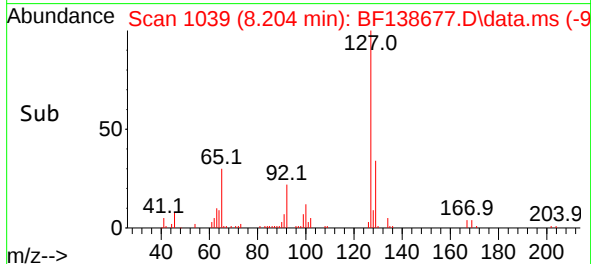
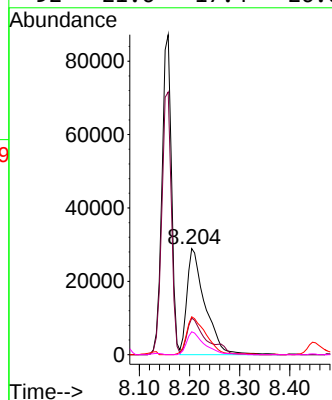
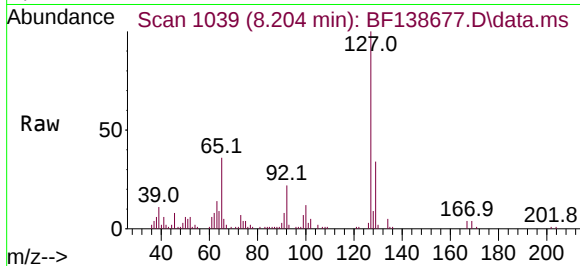




#33
4-Chloroaniline
Concen: 11.161 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

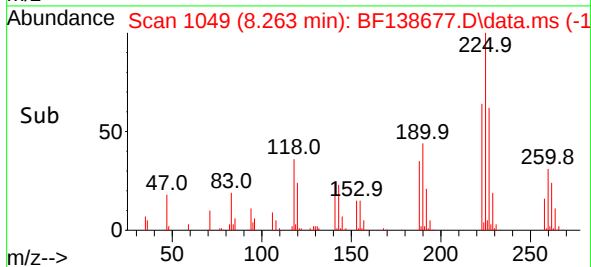
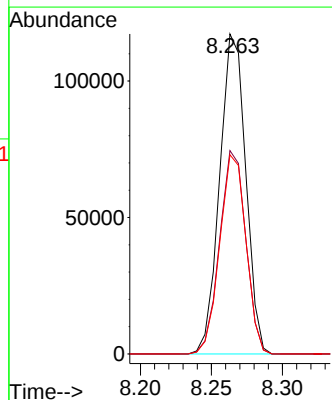
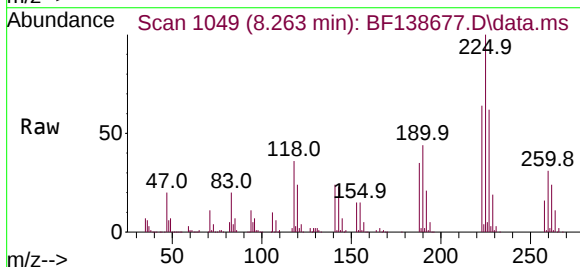
Instrument :
BNA_F
ClientSampleId :
72-11978MSD

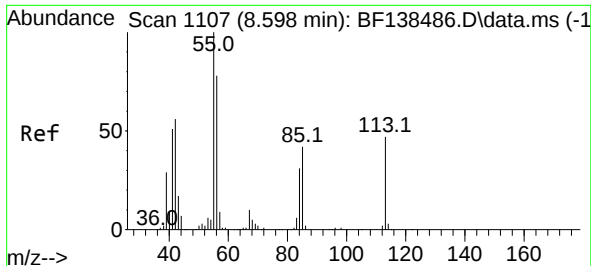
Tgt Ion:	127	Resp:	72592
Ion	Ratio	Lower	Upper
127	100		
129	34.5	25.6	38.4
65	35.8	29.6	44.4
92	21.6	17.4	26.0



#34
Hexachlorobutadiene
Concen: 41.303 ng
RT: 8.263 min Scan# 1049
Delta R.T. -0.023 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:	225	Resp:	149528
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.0	75.0
227	62.3	51.0	76.6

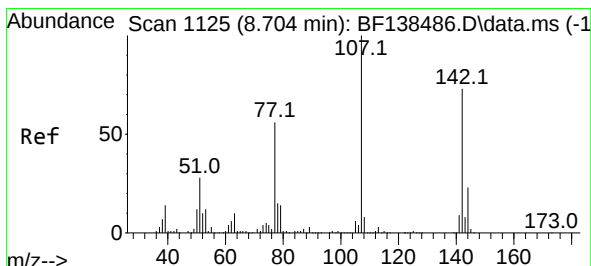
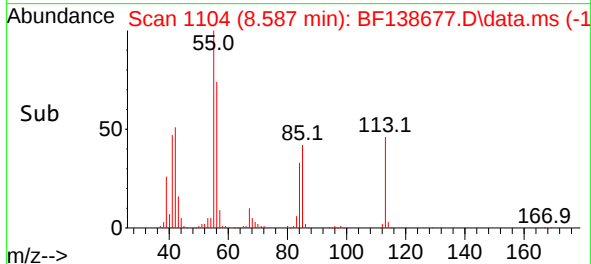
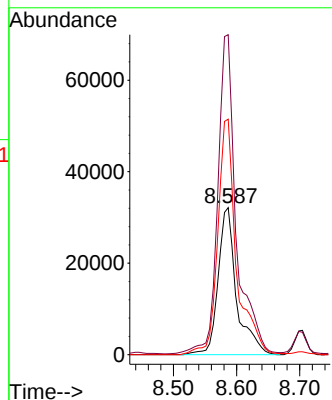
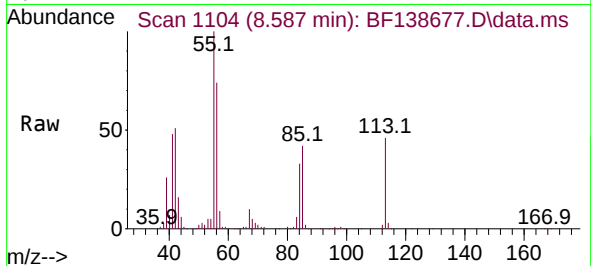




#35
 Caprolactam
 Concen: 40.040 ng
 RT: 8.587 min Scan# 1104
 Delta R.T. -0.012 min
 Lab File: BF138677.D
 Acq: 29 Jul 2024 19:16

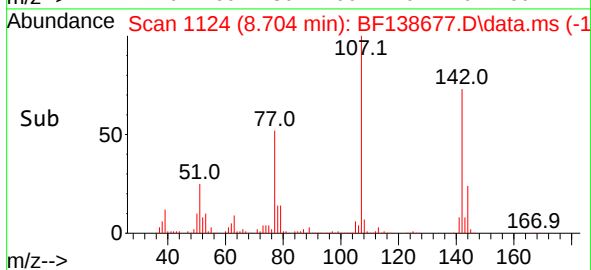
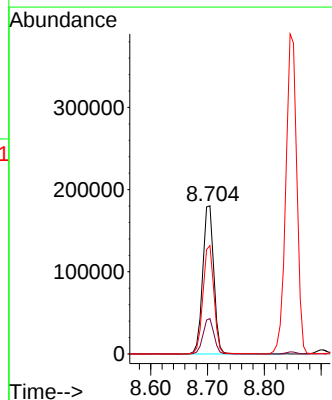
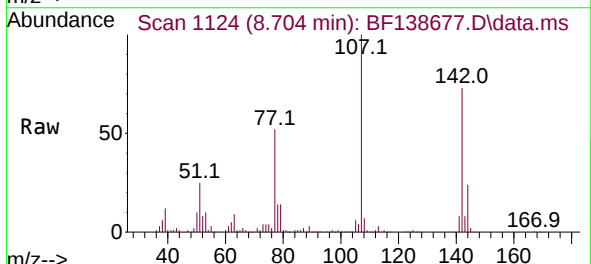
Instrument :
 BNA_F
 ClientSampleId :
 72-11978MSD

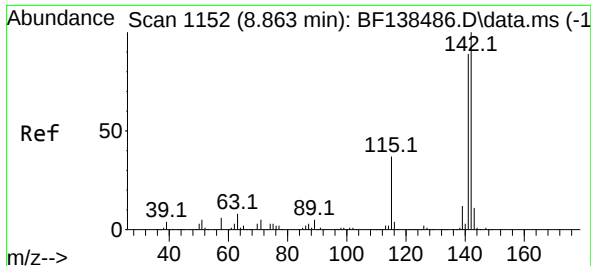
Tgt Ion:113 Resp: 65205
 Ion Ratio Lower Upper
 113 100
 55 217.5 192.5 232.5
 56 160.1 145.3 185.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.465 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF138677.D
 Acq: 29 Jul 2024 19:16

Tgt Ion:107 Resp: 245574
 Ion Ratio Lower Upper
 107 100
 144 23.8 18.6 27.8
 142 73.1 58.6 88.0

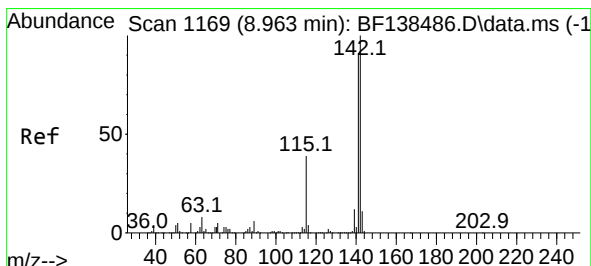
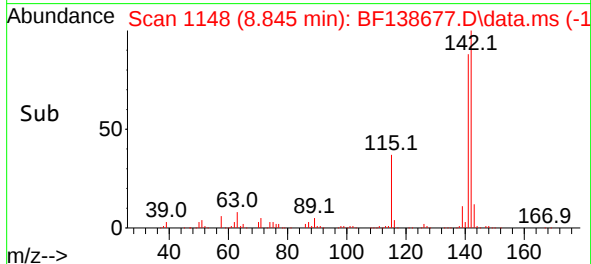
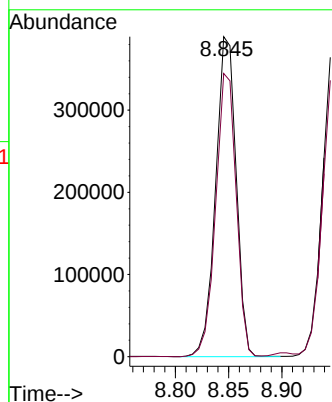
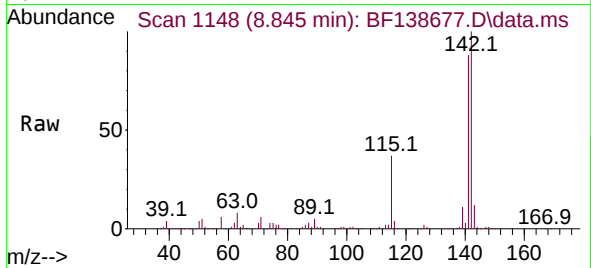




#37
2-Methylnaphthalene
Concen: 43.695 ng
RT: 8.845 min Scan# 1152
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

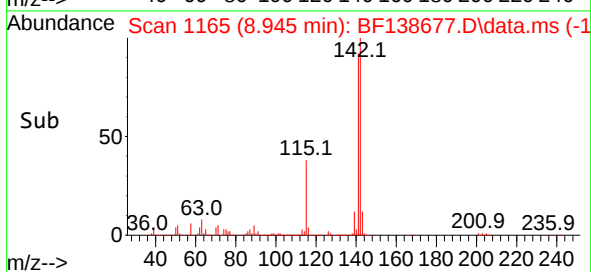
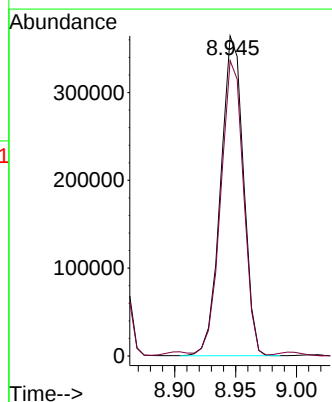
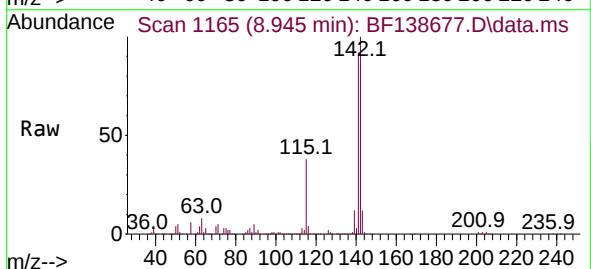
Instrument :
BNA_F
ClientSampleId :
72-11978MSD

Tgt Ion:142 Resp: 521256
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.0



#38
1-Methylnaphthalene
Concen: 40.717 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:142 Resp: 474057
Ion Ratio Lower Upper
142 100
141 92.3 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1177

Delta R.T. -0.011 min

Lab File: BF138677.D

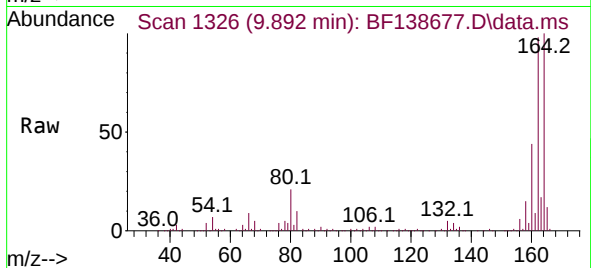
Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD



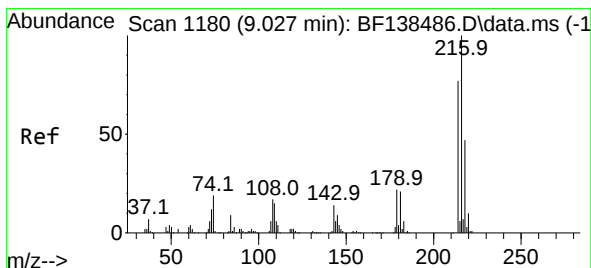
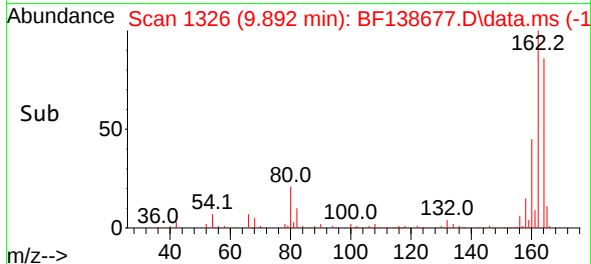
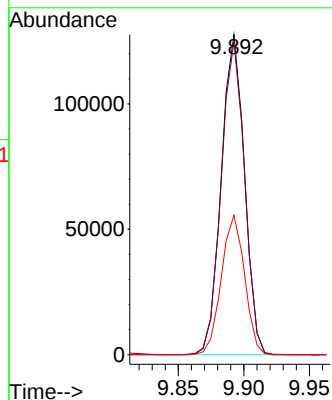
Tgt Ion:164 Resp: 156681

Ion Ratio Lower Upper

164 100

162 97.7 79.0 118.6

160 43.6 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.221 ng

RT: 9.016 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Tgt Ion:216 Resp: 210573

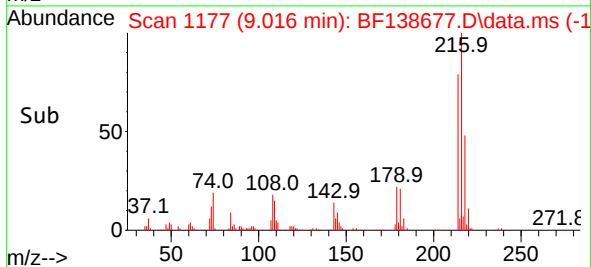
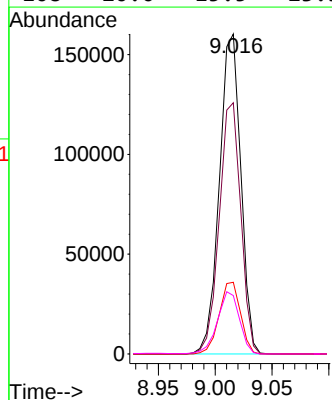
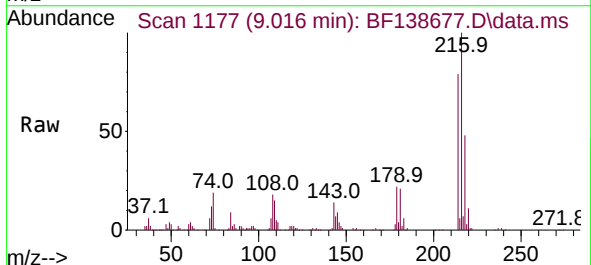
Ion Ratio Lower Upper

216 100

214 78.7 62.8 94.2

179 22.4 17.7 26.5

108 20.0 15.5 23.3

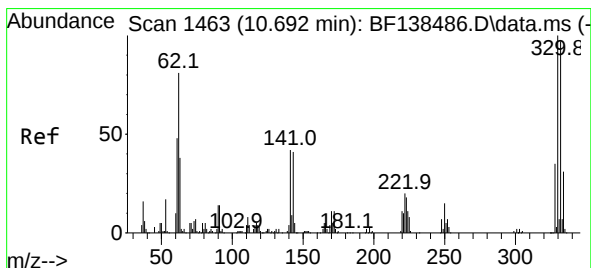
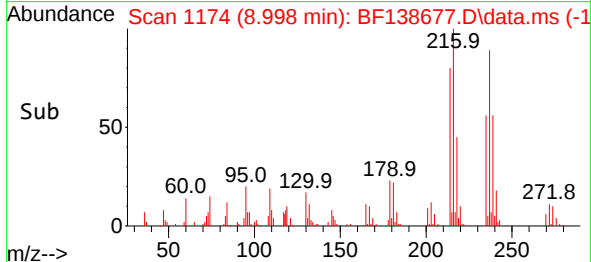
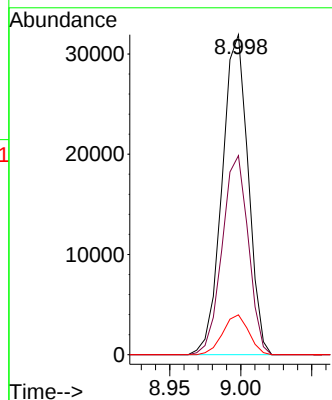
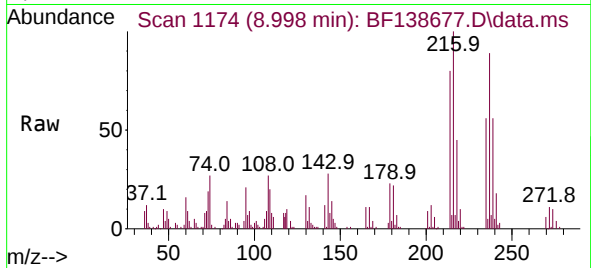




#41
Hexachlorocyclopentadiene
Concen: 28.698 ng
RT: 8.998 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

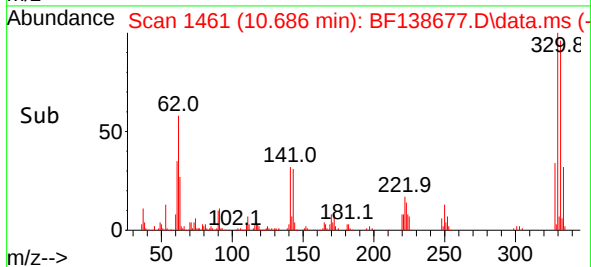
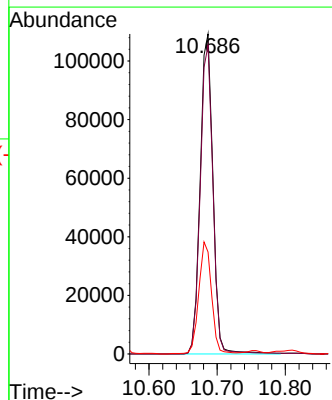
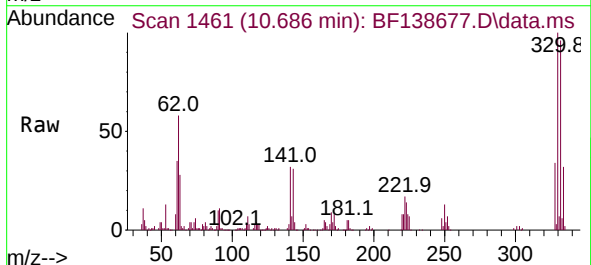
Instrument :
BNA_F
ClientSampleId :
72-11978MSD

Tgt Ion:237 Resp: 40676
Ion Ratio Lower Upper
237 100
235 62.2 43.3 83.3
272 12.4 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 96.979 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:330 Resp: 142010
Ion Ratio Lower Upper
330 100
332 96.3 76.8 115.2
141 35.2 29.4 44.2

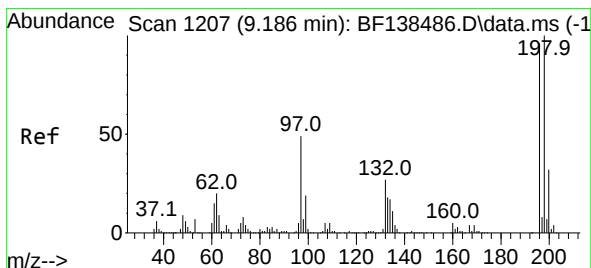
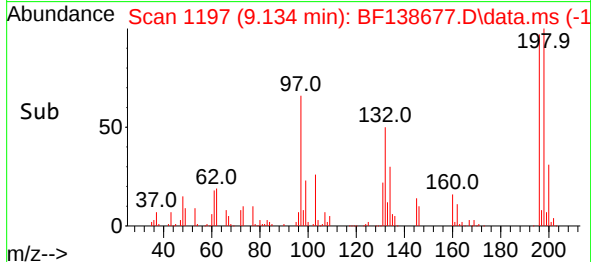
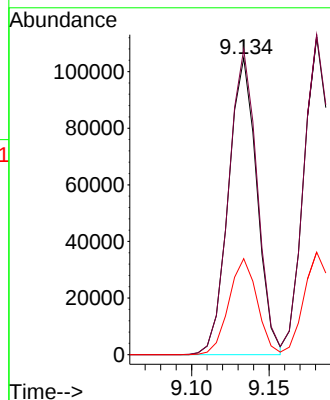
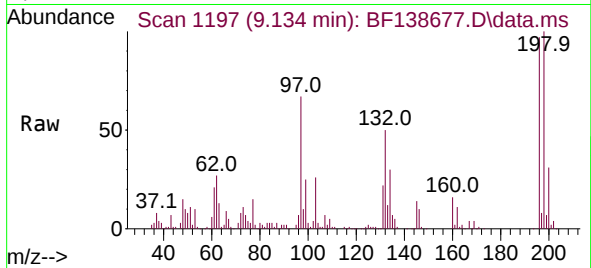




#43
2,4,6-Trichlorophenol
Concen: 48.044 ng
RT: 9.134 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

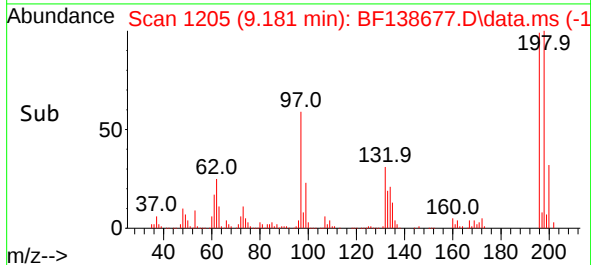
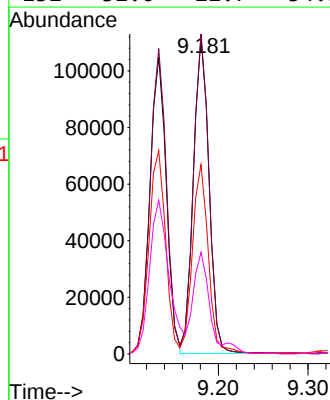
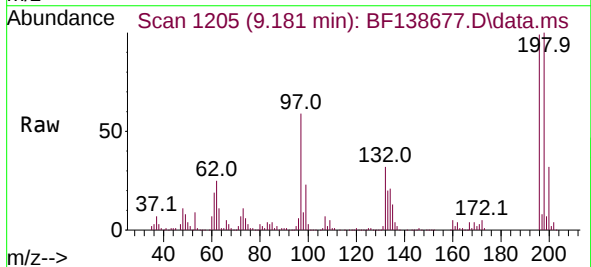
Instrument :
BNA_F
ClientSampleId :
72-11978MSD

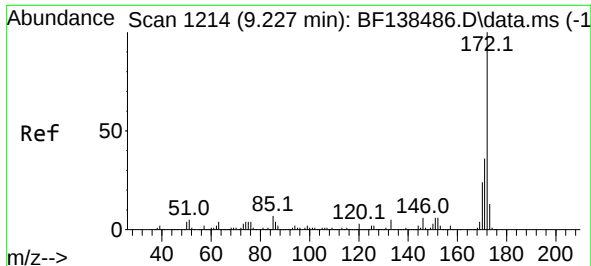
Tgt Ion:196 Resp: 133827
Ion Ratio Lower Upper
196 100
198 102.9 82.3 123.5
200 32.4 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 44.136 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:196 Resp: 135221
Ion Ratio Lower Upper
196 100
198 100.8 82.8 124.2
97 59.6 41.0 61.4
132 32.0 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 88.685 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

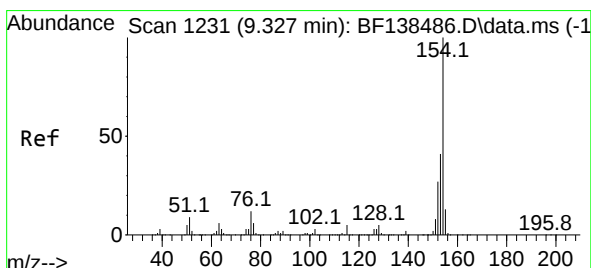
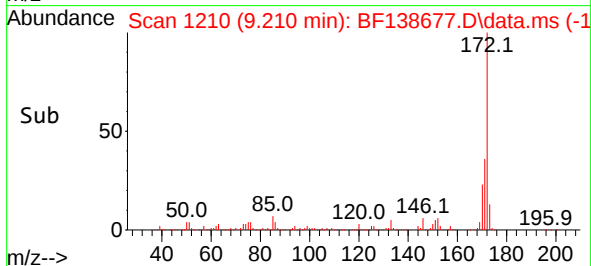
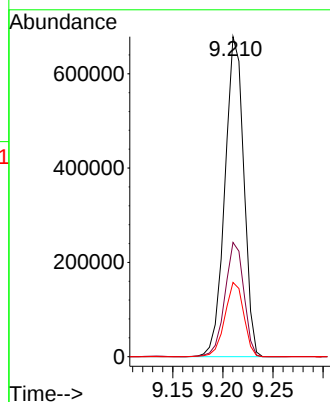
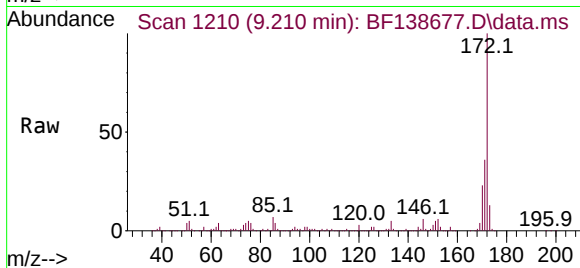
Tgt Ion:172 Resp: 889066

Ion Ratio Lower Upper

172 100

171 35.7 28.9 43.3

170 23.2 18.9 28.3



#46

1,1'-Biphenyl

Concen: 49.026 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.011 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

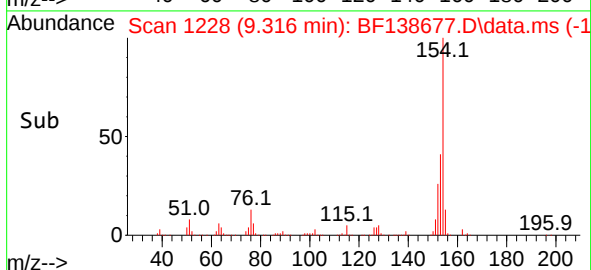
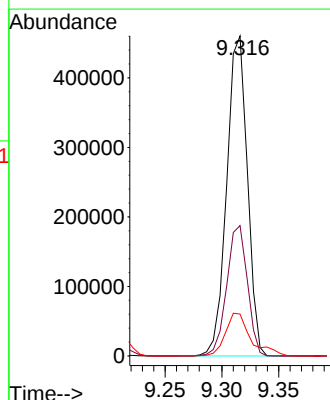
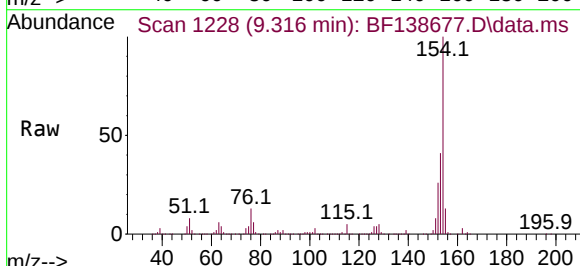
Tgt Ion:154 Resp: 582132

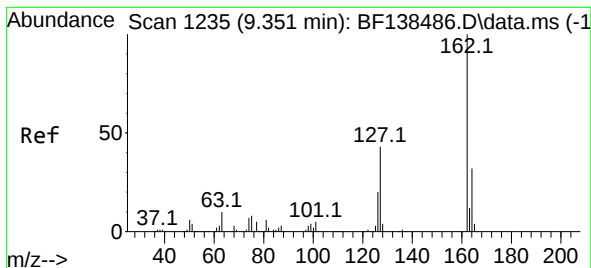
Ion Ratio Lower Upper

154 100

153 40.7 20.7 60.7

76 13.1 0.0 32.2





#47

2-Chloronaphthalene

Concen: 49.035 ng

RT: 9.339 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

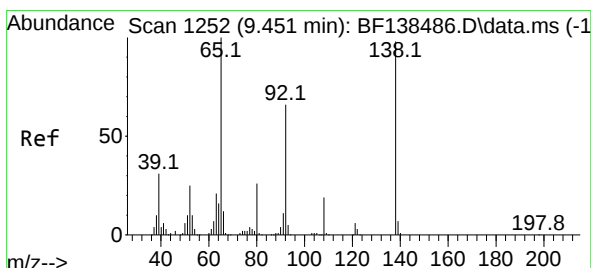
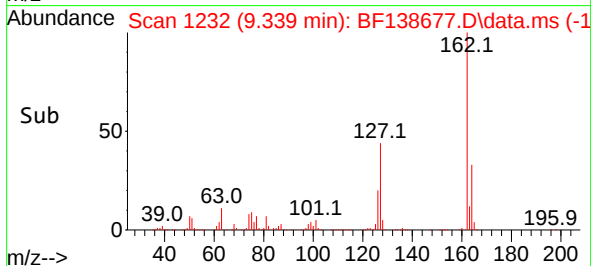
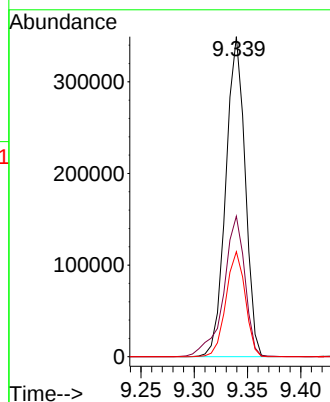
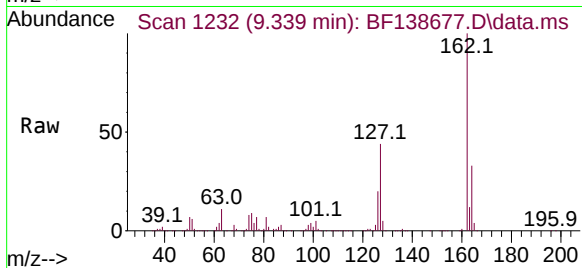
Tgt Ion:162 Resp: 439855

Ion Ratio Lower Upper

162 100

127 43.9 34.8 52.2

164 32.8 25.6 38.4



#48

2-Nitroaniline

Concen: 49.954 ng

RT: 9.439 min Scan# 1249

Delta R.T. -0.012 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

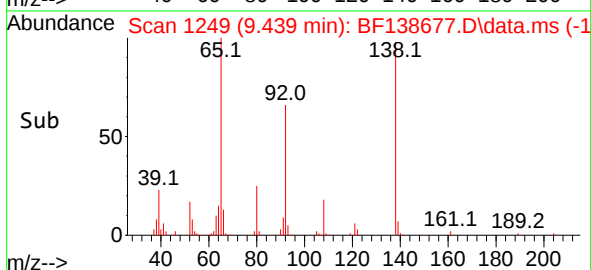
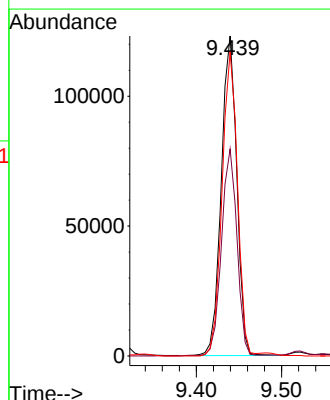
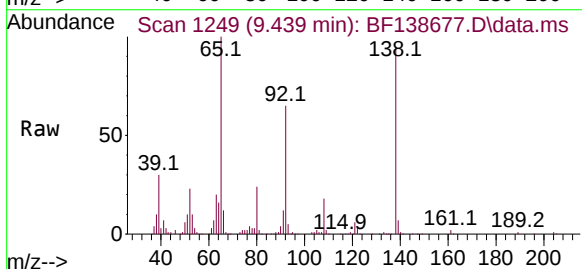
Tgt Ion: 65 Resp: 155282

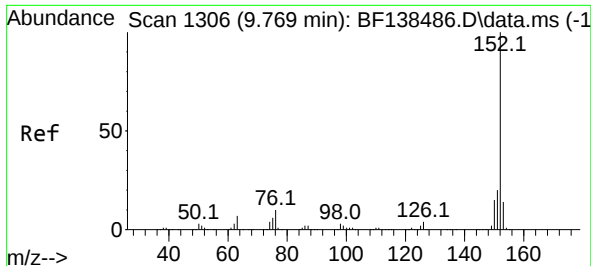
Ion Ratio Lower Upper

65 100

92 64.7 52.6 78.8

138 95.0 78.6 118.0





#49

Acenaphthylene

Concen: 52.158 ng

RT: 9.757 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

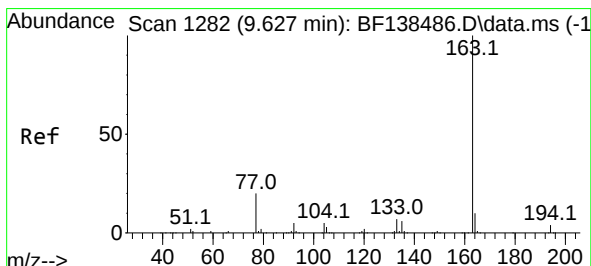
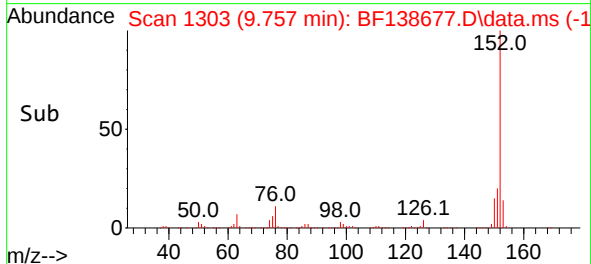
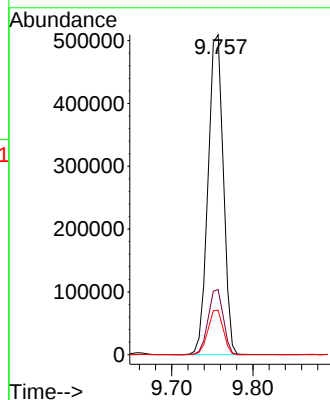
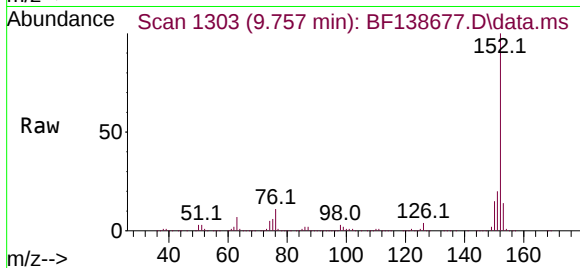
Tgt Ion:152 Resp: 664266

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.9 11.3 16.9



#50

Dimethylphthalate

Concen: 53.609 ng

RT: 9.616 min Scan# 1279

Delta R.T. -0.012 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

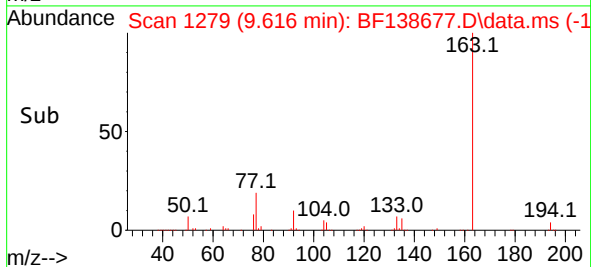
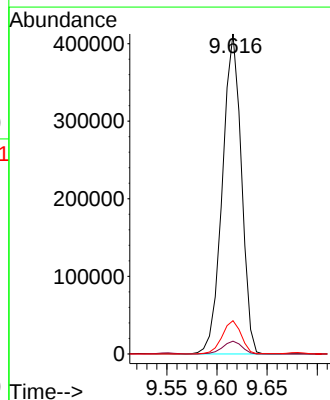
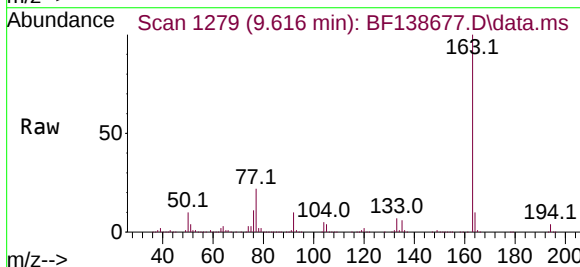
Tgt Ion:163 Resp: 543127

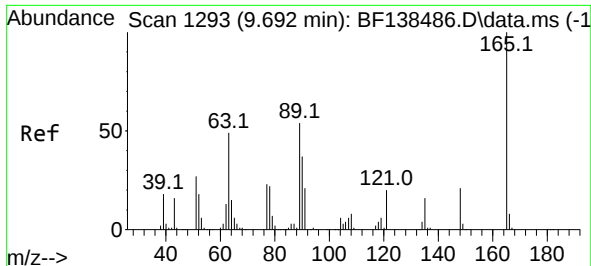
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.4 8.1 12.1

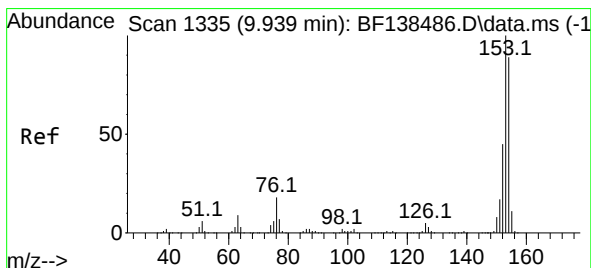
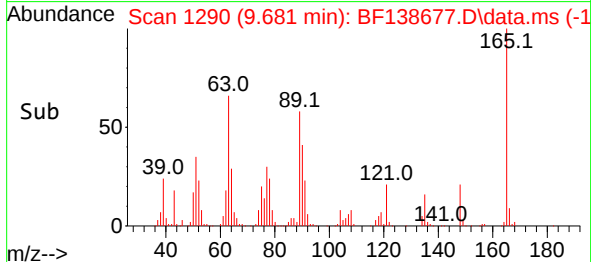
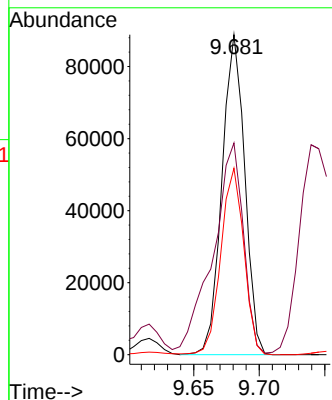
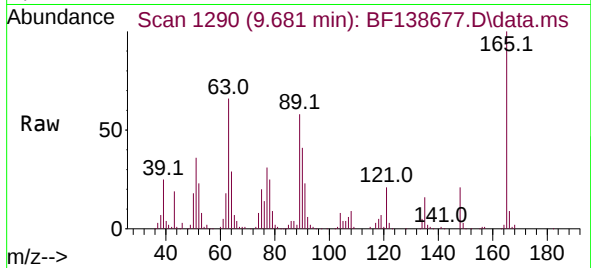




#51
2,6-Dinitrotoluene
Concen: 45.860 ng
RT: 9.681 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

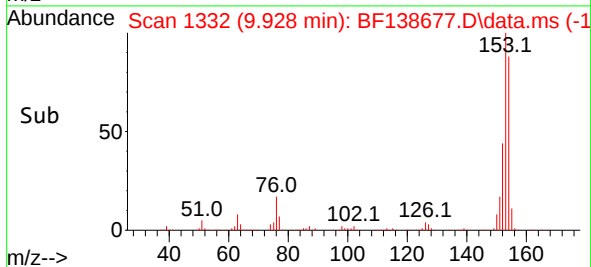
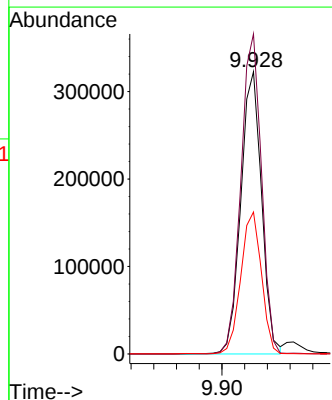
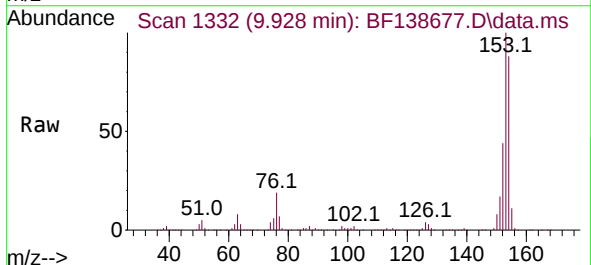
Instrument :
BNA_F
ClientSampleId :
72-11978MSD

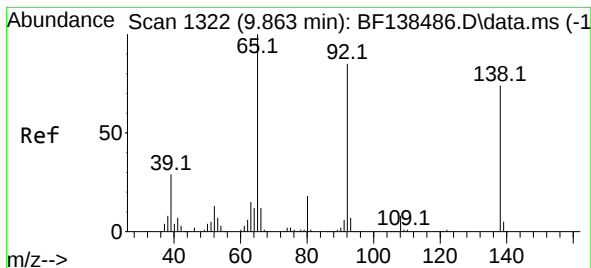
Tgt Ion:165 Resp: 106978
Ion Ratio Lower Upper
165 100
63 66.2 48.1 72.1
89 58.2 43.0 64.6



#52
Acenaphthene
Concen: 48.463 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:154 Resp: 410270
Ion Ratio Lower Upper
154 100
153 113.4 90.4 135.6
152 50.3 41.1 61.7





#53

3-Nitroaniline

Concen: 29.632 ng

RT: 9.851 min Scan# 1319

Delta R.T. -0.012 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

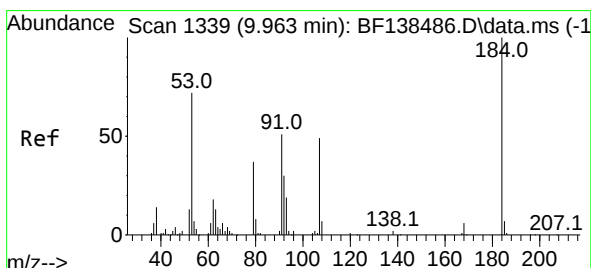
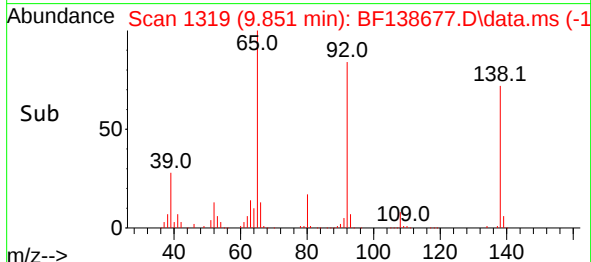
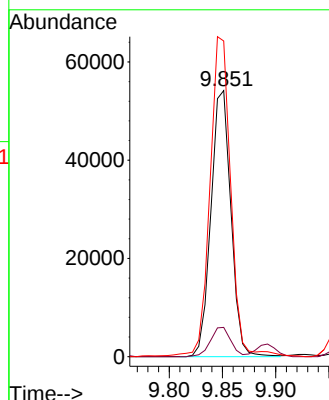
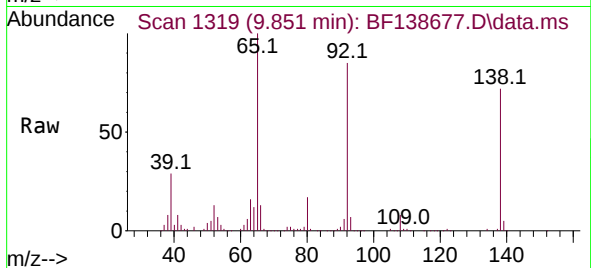
Tgt Ion:138 Resp: 70845

Ion Ratio Lower Upper

138 100

108 11.0 8.3 12.5

92 118.6 92.6 138.8



#54

2,4-Dinitrophenol

Concen: 27.424 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

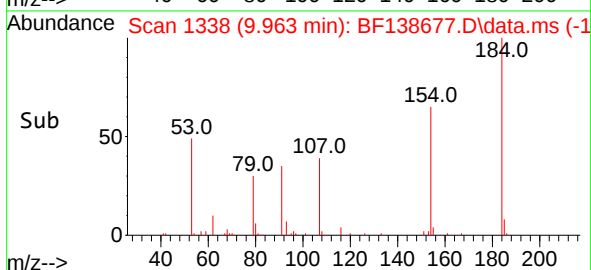
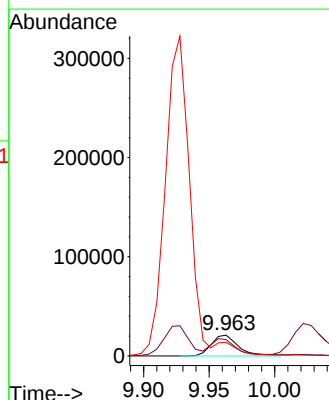
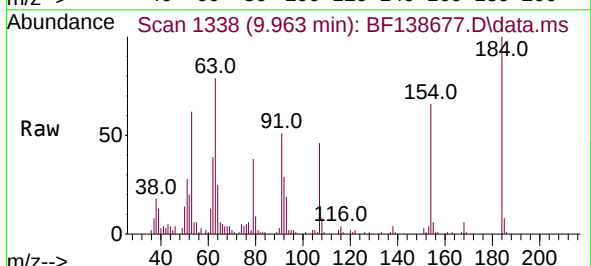
Tgt Ion:184 Resp: 30255

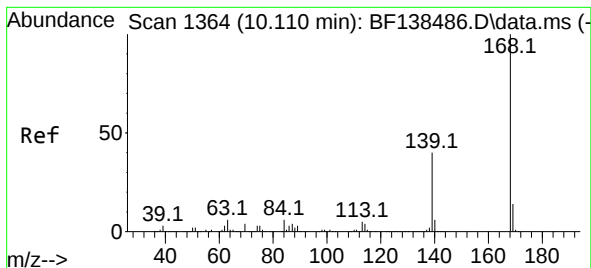
Ion Ratio Lower Upper

184 100

63 79.0 70.6 106.0

154 65.7 53.8 80.6





#55

Dibenzofuran

Concen: 46.805 ng

RT: 10.098 min Scan# 1361

Delta R.T. -0.012 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

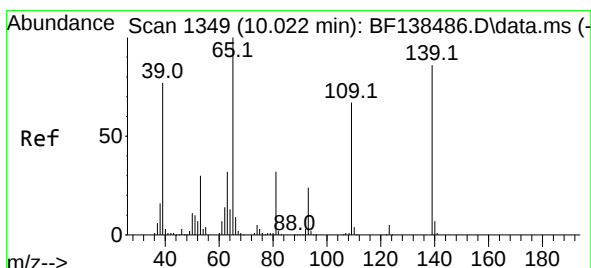
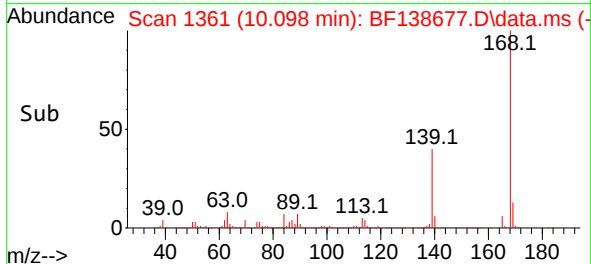
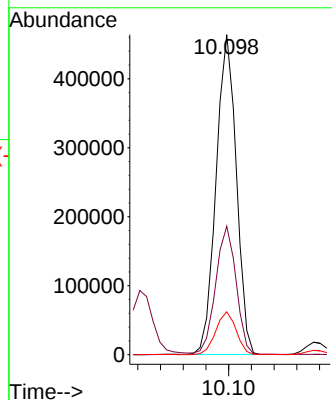
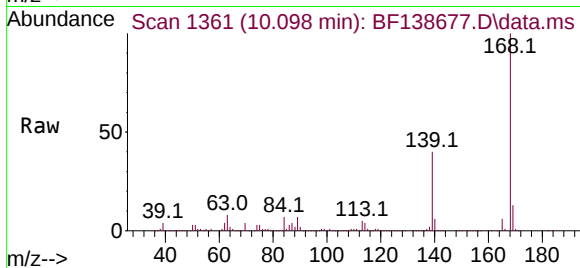
Tgt Ion:168 Resp: 574728

Ion Ratio Lower Upper

168 100

139 40.2 32.4 48.6

169 13.4 10.9 16.3



#56

4-Nitrophenol

Concen: 72.272 ng

RT: 10.022 min Scan# 1348

Delta R.T. 0.000 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

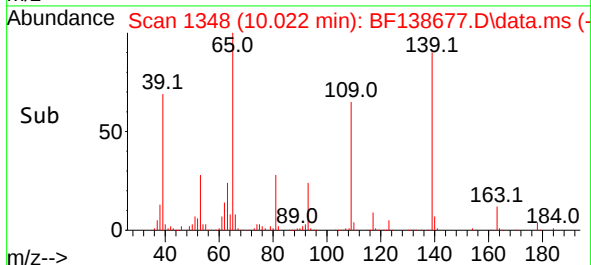
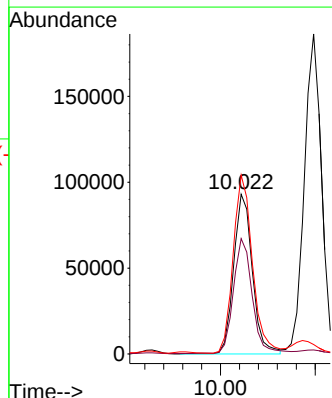
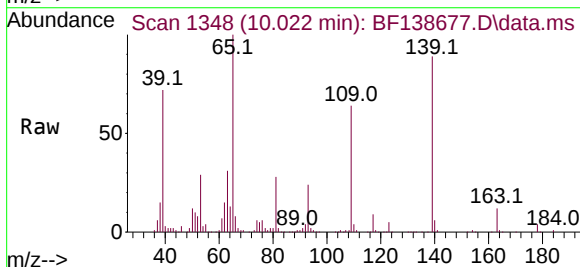
Tgt Ion:139 Resp: 127496

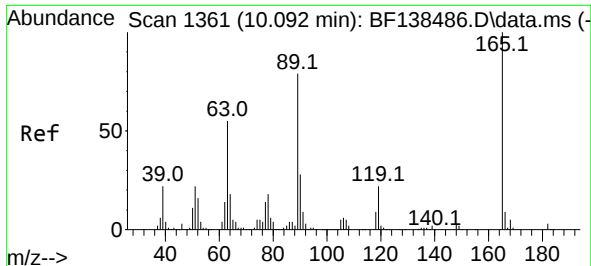
Ion Ratio Lower Upper

139 100

109 72.2 58.1 98.1

65 112.1 96.9 136.9

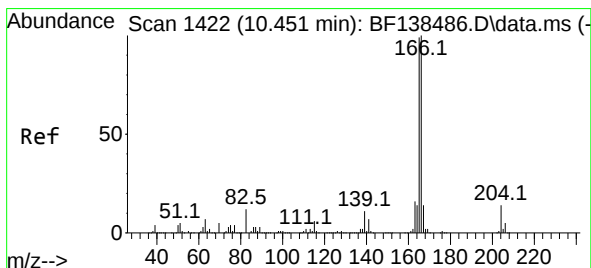
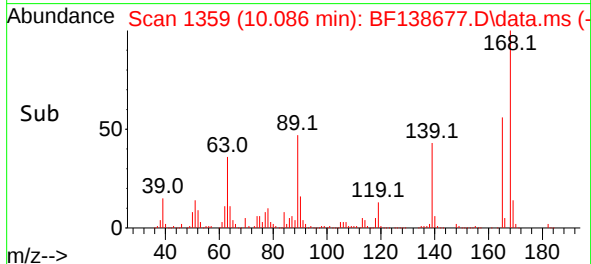
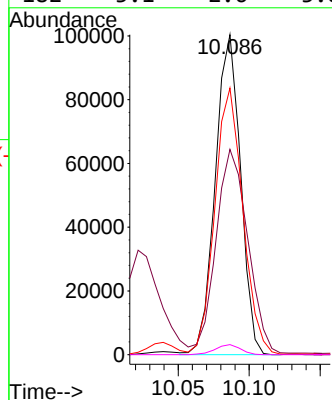
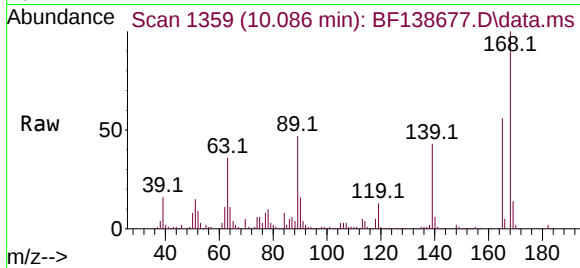




#57
2,4-Dinitrotoluene
Concen: 41.145 ng
RT: 10.086 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

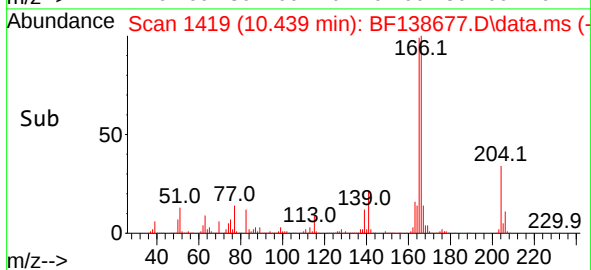
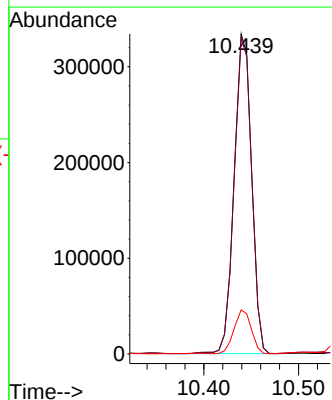
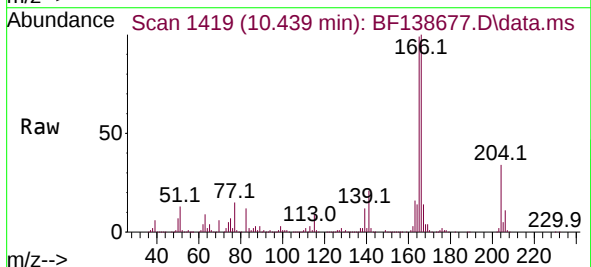
Instrument :
BNA_F
ClientSampleId :
72-11978MSD

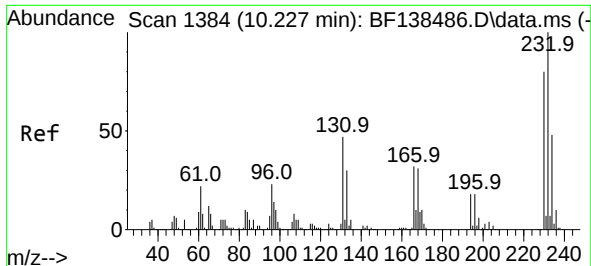
Tgt Ion:165 Resp: 124183
Ion Ratio Lower Upper
165 100
63 64.1 44.6 66.8
89 83.3 63.4 95.2
182 3.1 2.6 3.8



#58
Fluorene
Concen: 43.961 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:166 Resp: 427120
Ion Ratio Lower Upper
166 100
165 98.8 79.1 118.7
167 13.7 11.0 16.6

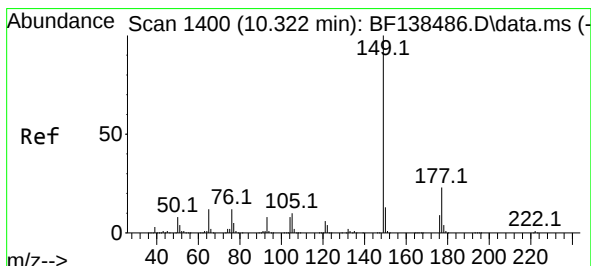
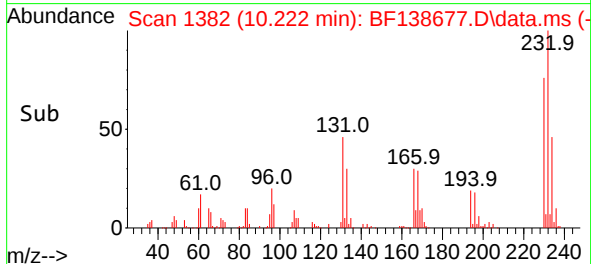
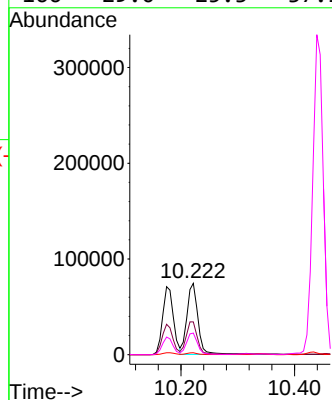
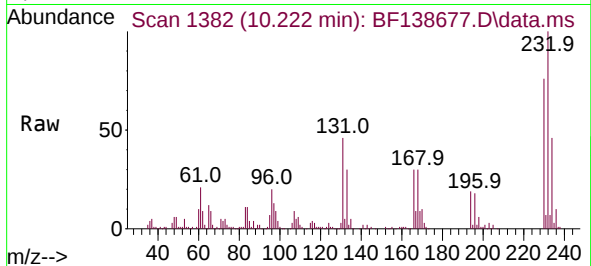




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.620 ng
RT: 10.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

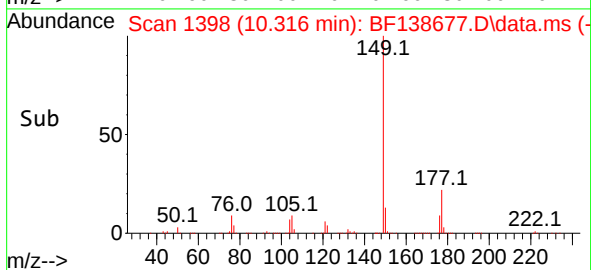
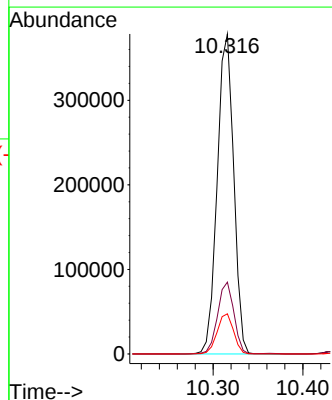
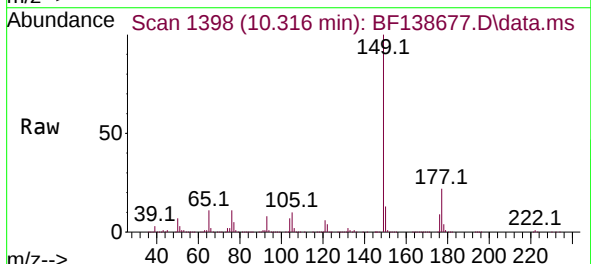
Instrument :
BNA_F
ClientSampleId :
72-11978MSD

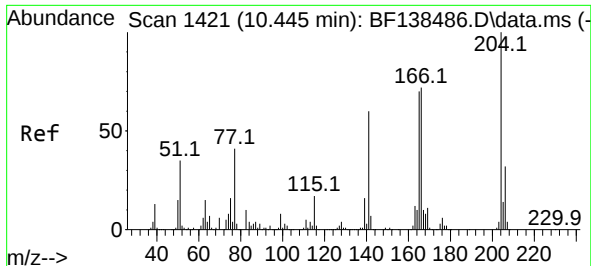
Tgt Ion:232 Resp: 100633
Ion Ratio Lower Upper
232 100
131 45.5 37.5 56.3
130 2.4 2.0 3.0
166 29.0 25.3 37.9



#60
Diethylphthalate
Concen: 49.341 ng
RT: 10.316 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:149 Resp: 481908
Ion Ratio Lower Upper
149 100
177 22.5 18.5 27.7
150 12.5 10.3 15.5

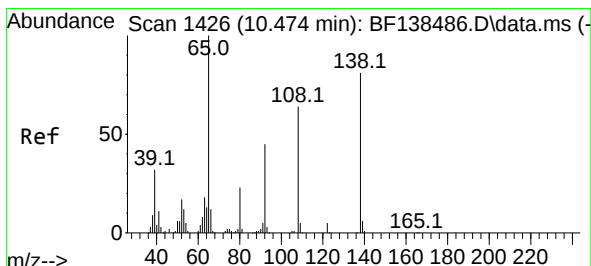
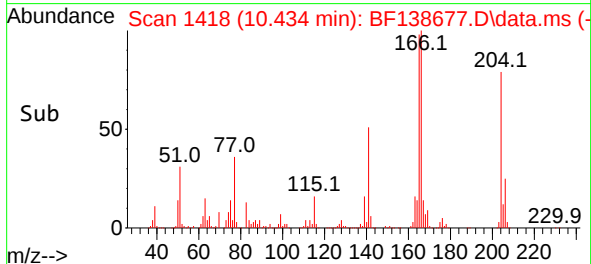
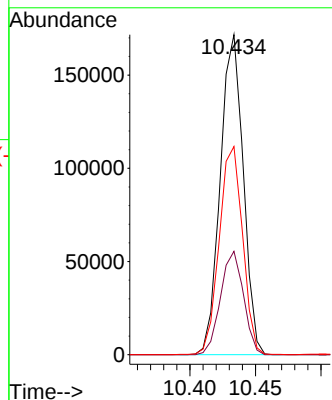
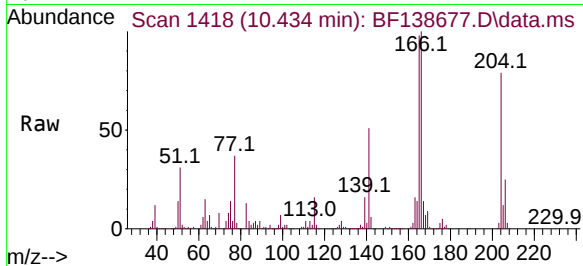




#61
4-Chlorophenyl-phenylether
Concen: 42.812 ng
RT: 10.434 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

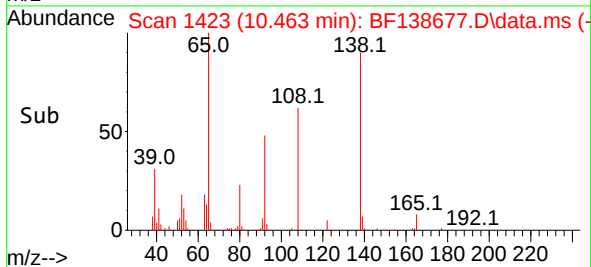
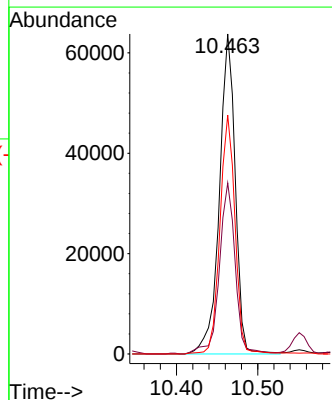
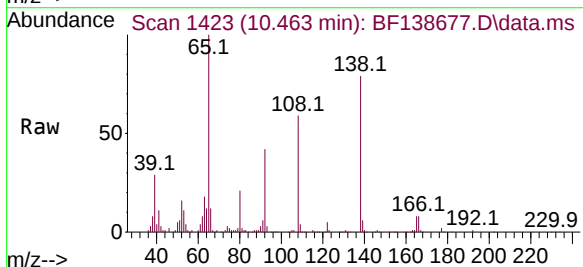
Instrument :
BNA_F
ClientSampleId :
72-11978MSD

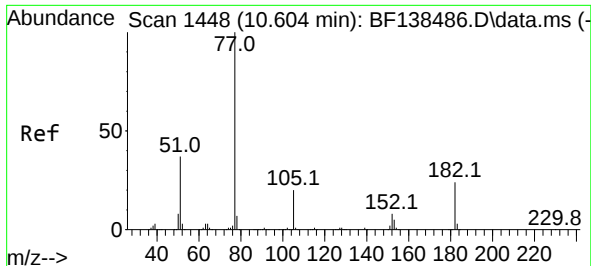
Tgt Ion:204 Resp: 208871
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 65.1 47.7 71.5



#62
4-Nitroaniline
Concen: 36.294 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.011 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:138 Resp: 86953
Ion Ratio Lower Upper
138 100
92 53.5 35.8 75.8
108 74.6 59.8 99.8

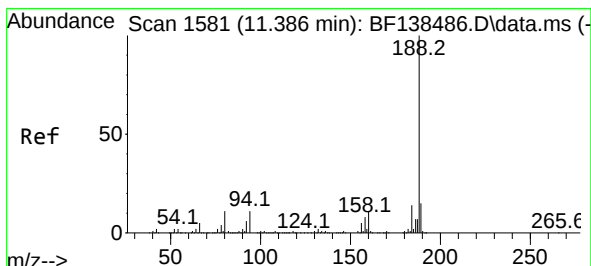
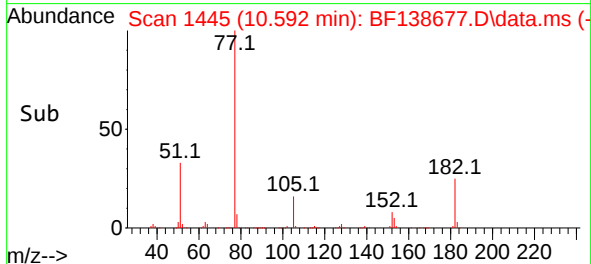
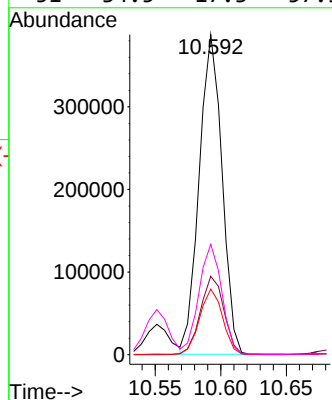
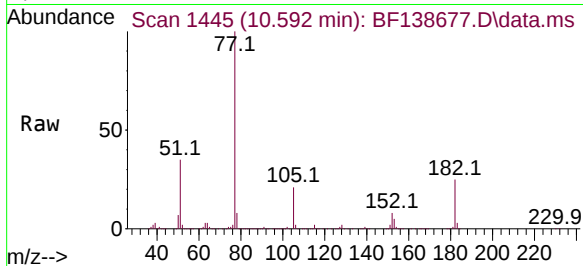




#63
Azobenzene
Concen: 44.684 ng
RT: 10.592 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

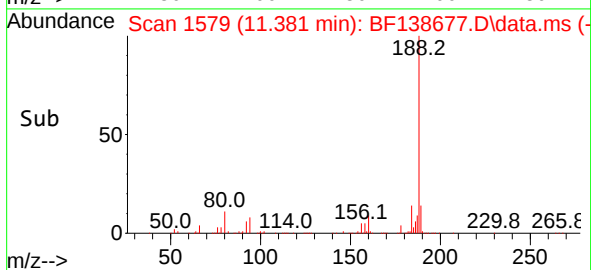
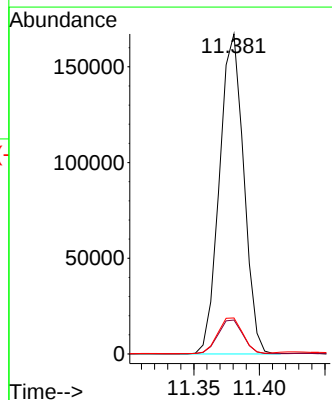
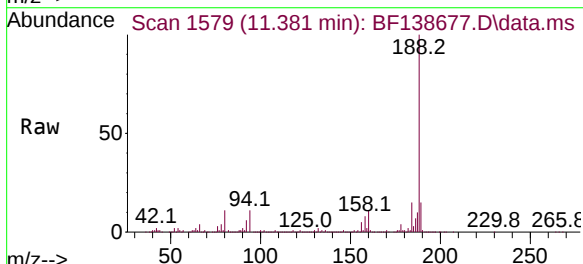
Instrument :
BNA_F
ClientSampleId :
72-11978MSD

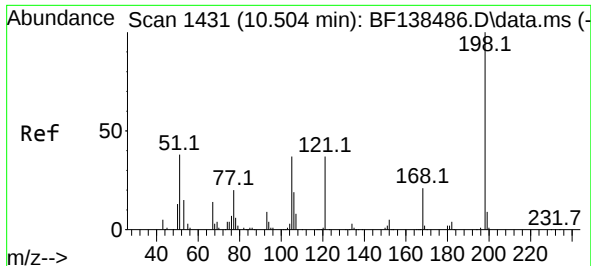
Tgt Ion: 77	Resp: 469217
Ion Ratio	Lower Upper
77 100	
182 24.5	3.8 43.8
105 20.5	0.0 39.8
51 34.5	17.3 57.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.381 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:188	Resp: 215112
Ion Ratio	Lower Upper
188 100	
94 10.6	8.7 13.1
80 11.3	9.0 13.4

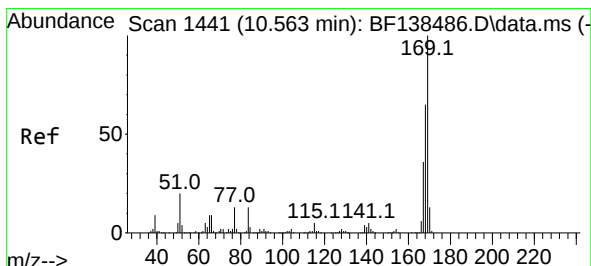
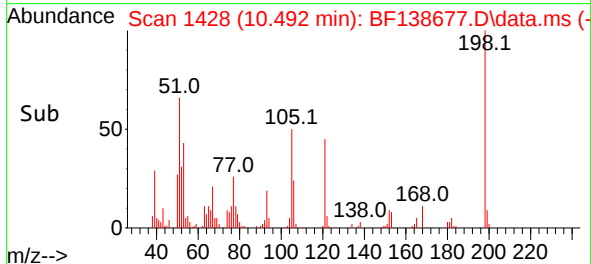
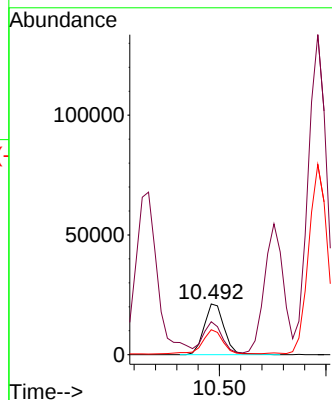
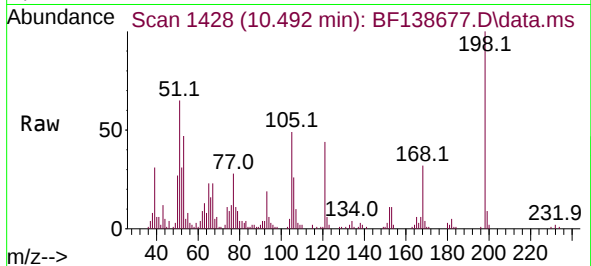




#65
4,6-Dinitro-2-methylphenol
Concen: 22.255 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

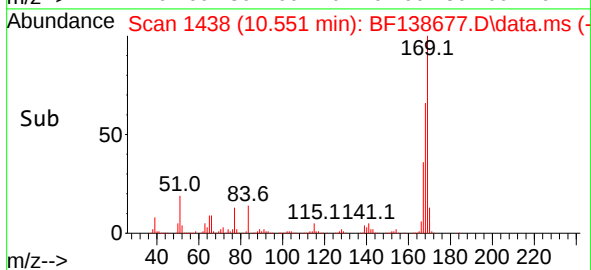
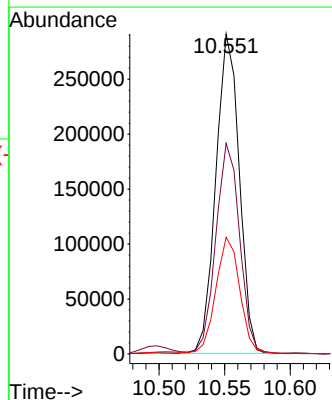
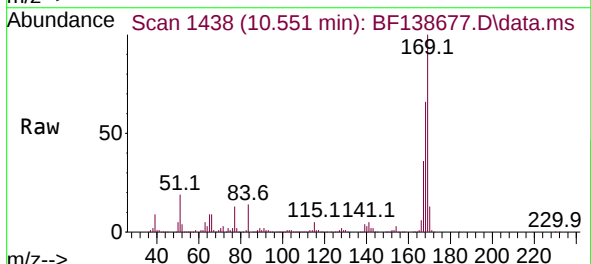
Instrument :
BNA_F
ClientSampleId :
72-11978MSD

Tgt Ion:198 Resp: 27642
Ion Ratio Lower Upper
198 100
51 65.1 27.2 67.2
105 49.4 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 55.797 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.011 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:169 Resp: 359606
Ion Ratio Lower Upper
169 100
168 65.8 51.7 77.5
167 36.5 28.5 42.7





#67

4-Bromophenyl-phenylether

Concen: 52.304 ng

RT: 10.922 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

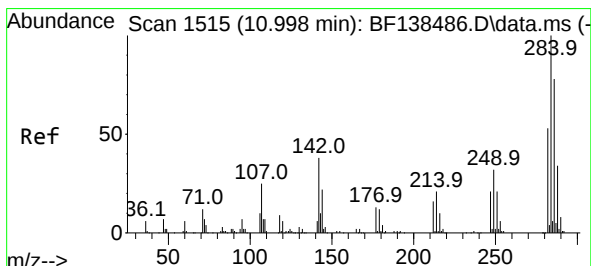
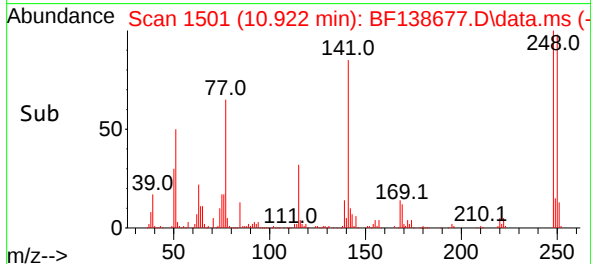
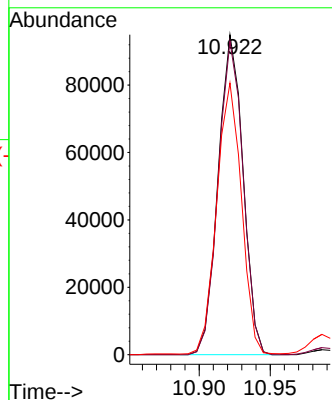
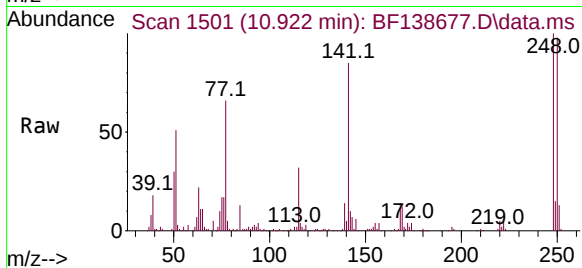
Tgt Ion:248 Resp: 115642

Ion Ratio Lower Upper

248 100

250 97.9 77.9 116.9

141 84.9 67.7 101.5



#68

Hexachlorobenzene

Concen: 48.953 ng

RT: 10.986 min Scan# 1512

Delta R.T. -0.011 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

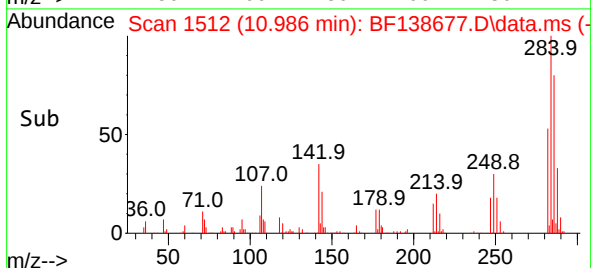
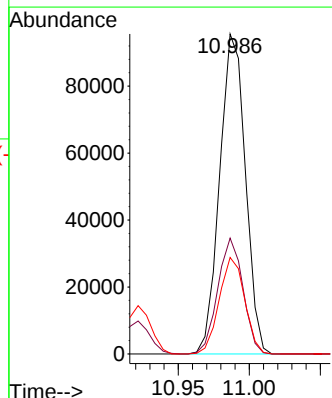
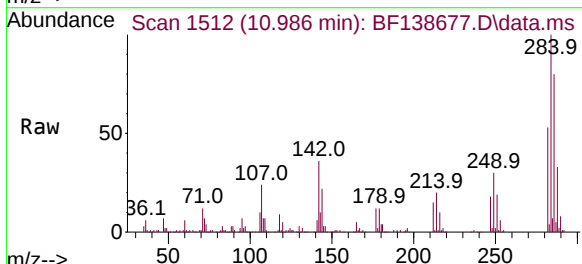
Tgt Ion:284 Resp: 120238

Ion Ratio Lower Upper

284 100

142 36.2 30.5 45.7

249 30.1 25.9 38.9





#69

Atrazine

Concen: 46.834 ng

RT: 11.081 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

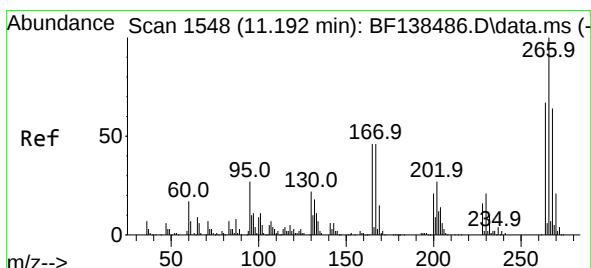
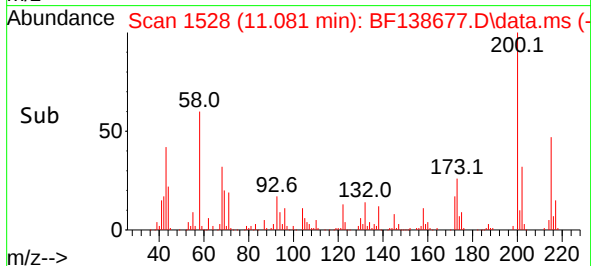
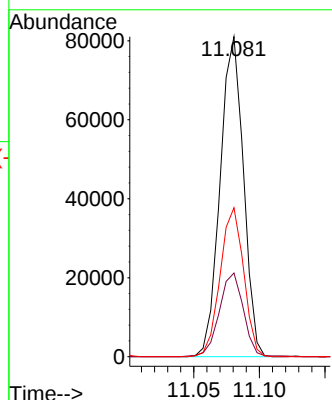
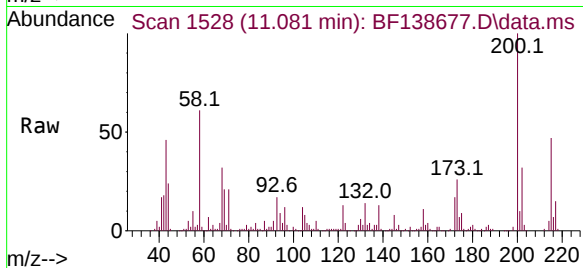
Tgt Ion:200 Resp: 100074

Ion Ratio Lower Upper

200 100

173 26.2 4.1 44.1

215 46.5 26.5 66.5



#70

Pentachlorophenol

Concen: 87.766 ng

RT: 11.186 min Scan# 1546

Delta R.T. -0.006 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

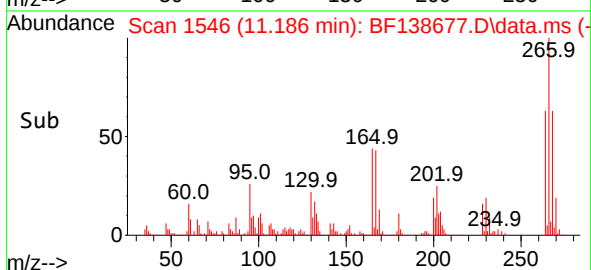
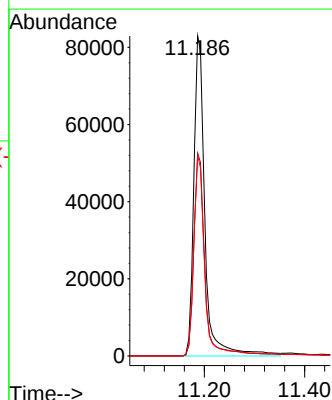
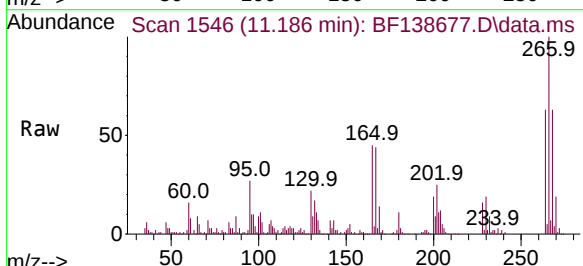
Tgt Ion:266 Resp: 127559

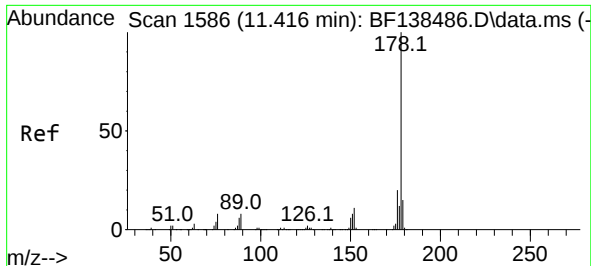
Ion Ratio Lower Upper

266 100

268 63.4 50.9 76.3

264 62.6 53.5 80.3

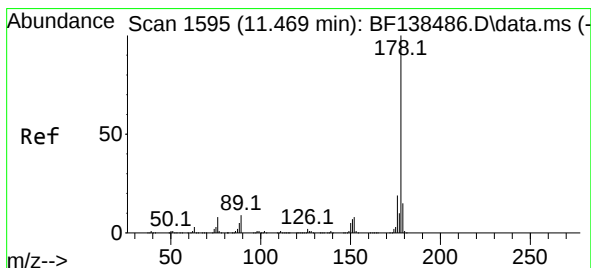
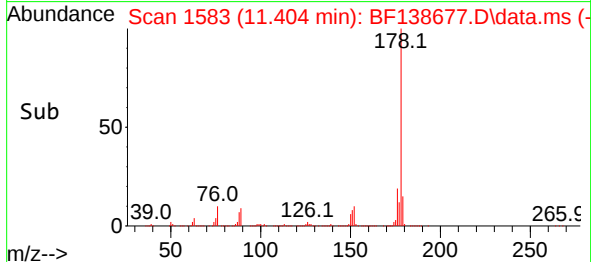
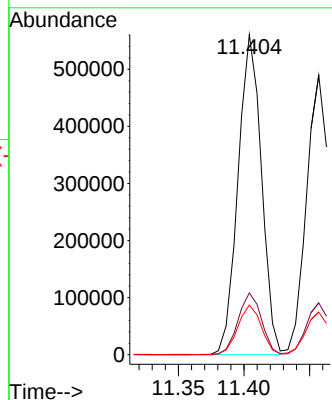
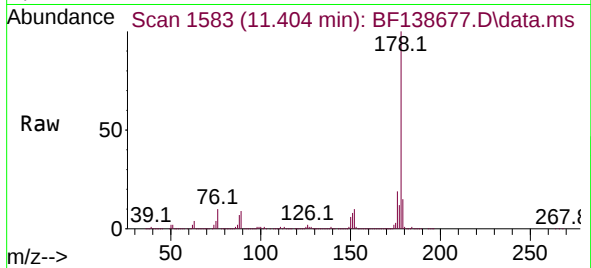




#71
Phenanthrene
Concen: 63.956 ng
RT: 11.404 min Scan# 1586
Delta R.T. -0.011 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

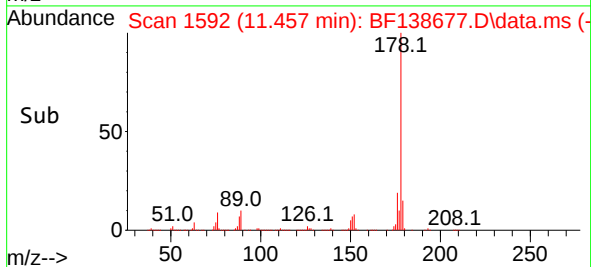
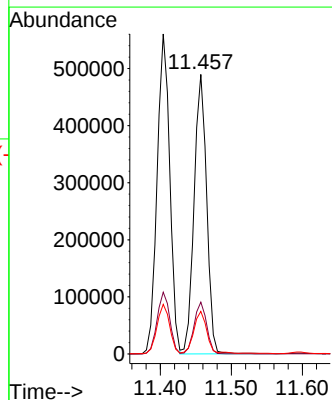
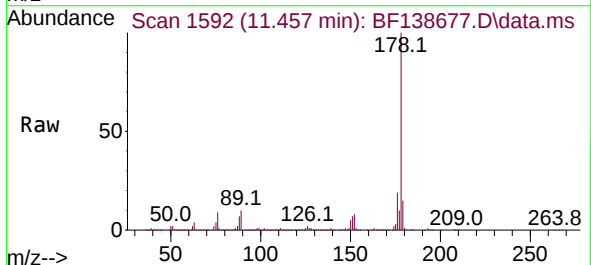
Instrument :
BNA_F
ClientSampleId :
72-11978MSD

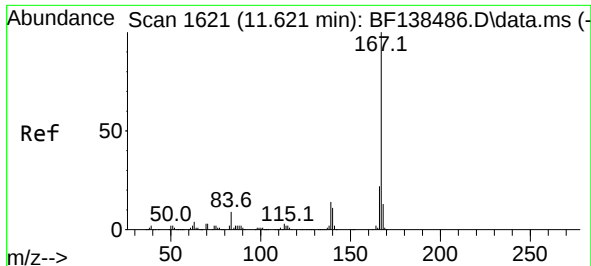
Tgt Ion:178 Resp: 695046
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.5 12.2 18.2



#72
Anthracene
Concen: 55.926 ng
RT: 11.457 min Scan# 1592
Delta R.T. -0.012 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:178 Resp: 603326
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.2 12.2 18.4

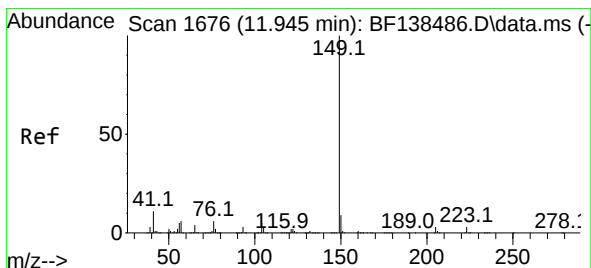
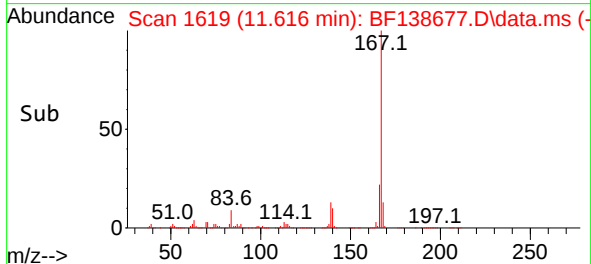
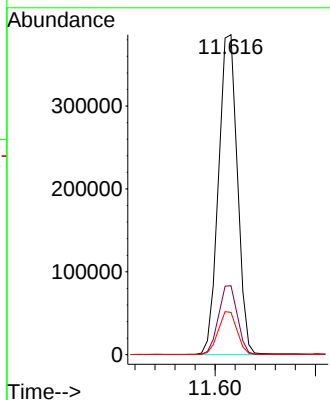
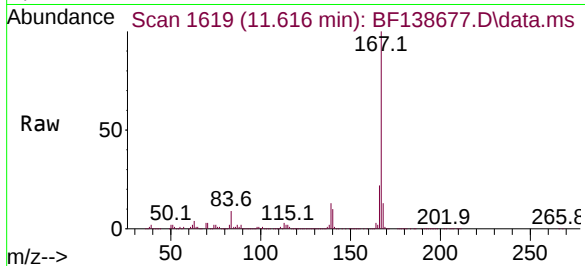




#73
Carbazole
Concen: 51.895 ng
RT: 11.616 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

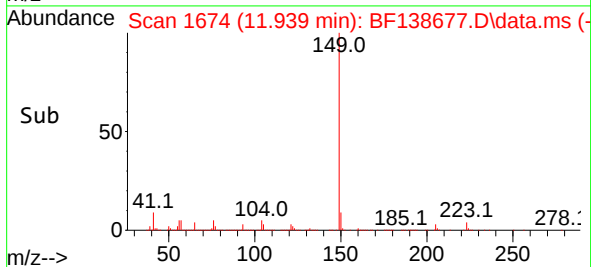
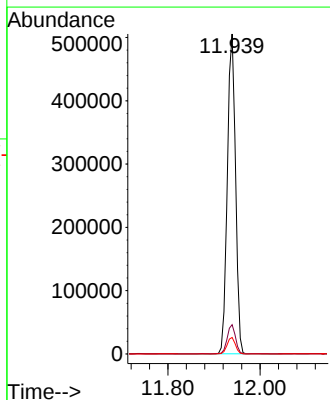
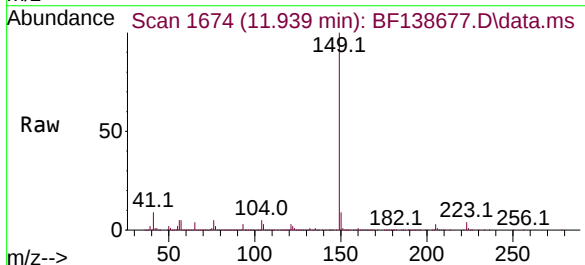
Instrument :
BNA_F
ClientSampleId :
72-11978MSD

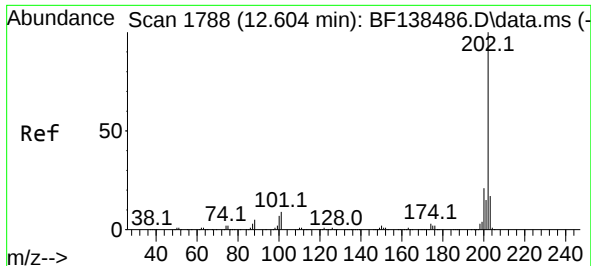
Tgt Ion:167 Resp: 503107
Ion Ratio Lower Upper
167 100
166 21.6 17.8 26.6
139 13.2 11.0 16.4



#74
Di-n-butylphthalate
Concen: 55.627 ng
RT: 11.939 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:149 Resp: 621625
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.2 4.4 6.6

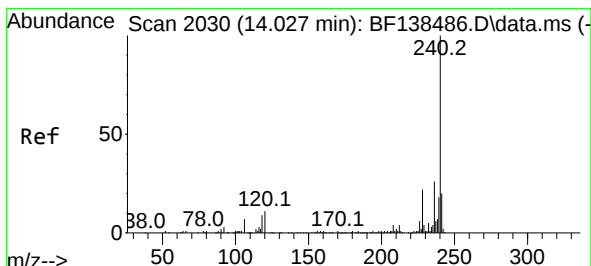
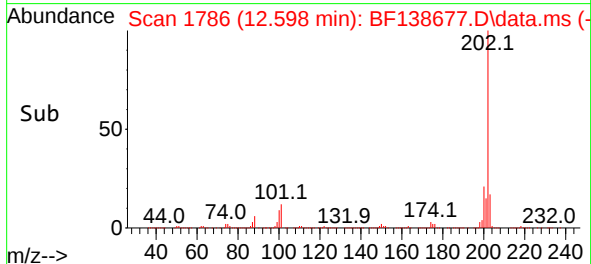
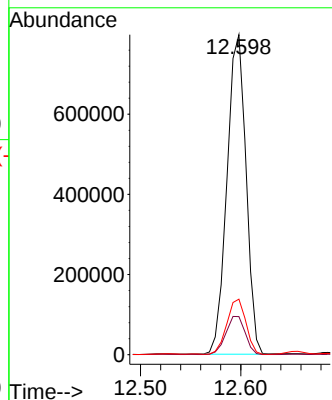
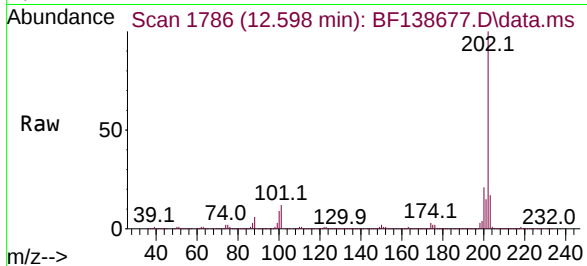




#75
Fluoranthene
Concen: 95.042 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

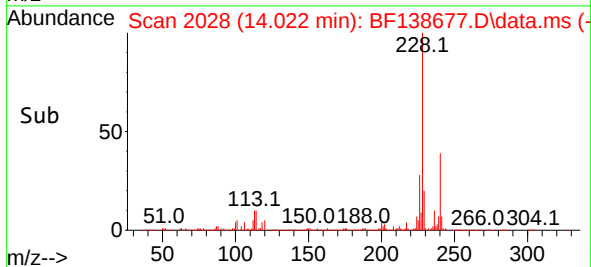
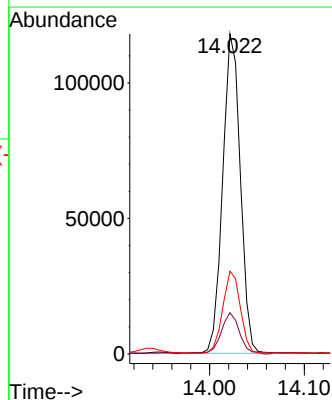
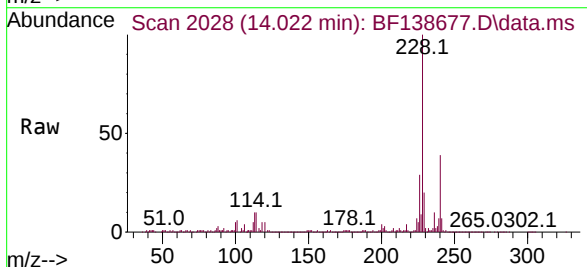
Instrument :
BNA_F
ClientSampleId :
72-11978MSD

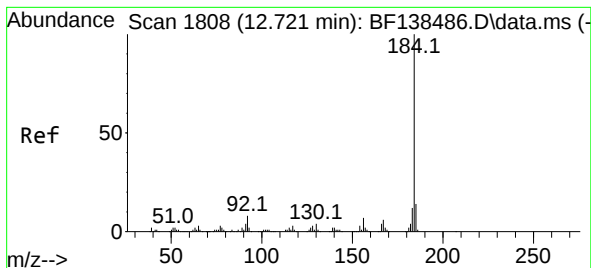
Tgt Ion:202 Resp: 1053941
Ion Ratio Lower Upper
202 100
101 11.9 0.0 29.2
203 17.4 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.022 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:240 Resp: 152780
Ion Ratio Lower Upper
240 100
120 12.9 8.6 12.8#
236 25.8 21.0 31.6





#77

Benzidine

Concen: 24.552 ng

RT: 12.716 min Scan# 1806

Delta R.T. -0.005 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

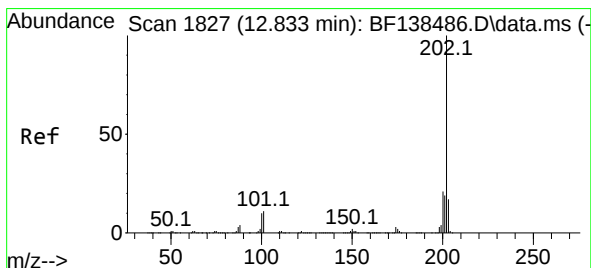
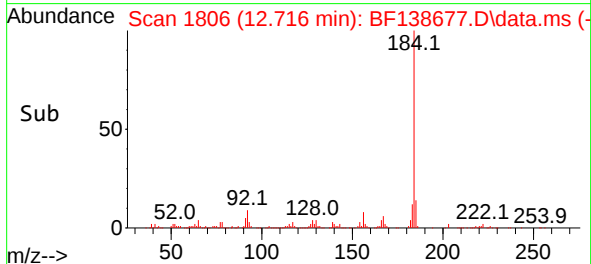
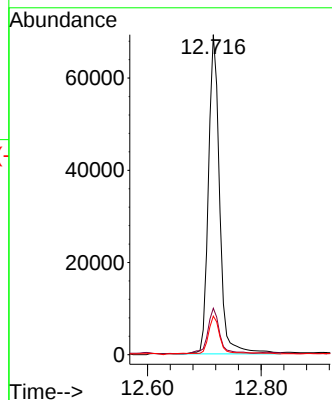
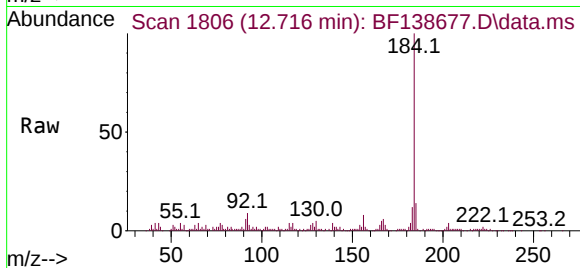
Tgt Ion:184 Resp: 94639

Ion Ratio Lower Upper

184 100

185 14.5 11.3 16.9

183 12.1 9.5 14.3



#78

Pyrene

Concen: 67.199 ng

RT: 12.827 min Scan# 1825

Delta R.T. -0.006 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

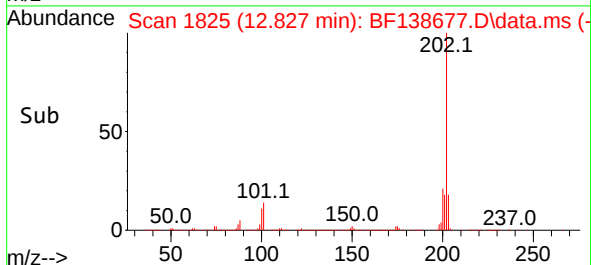
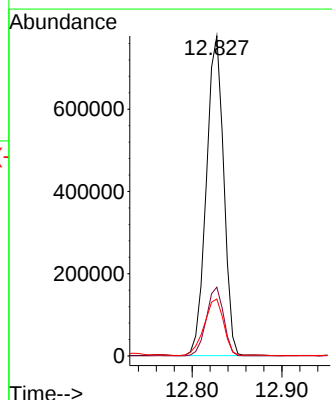
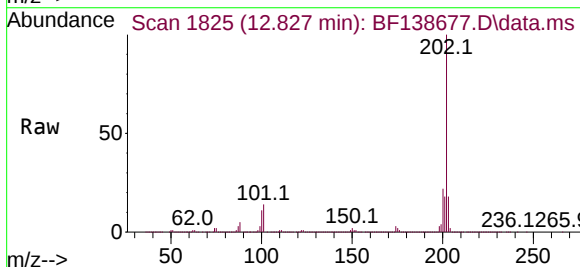
Tgt Ion:202 Resp: 1042211

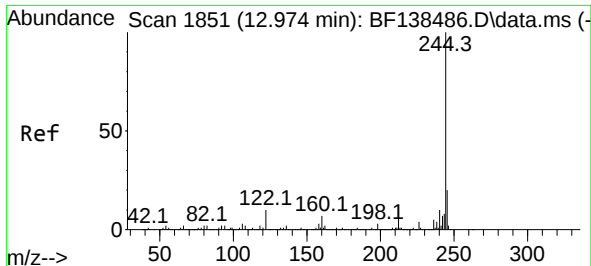
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

203 17.8 13.7 20.5

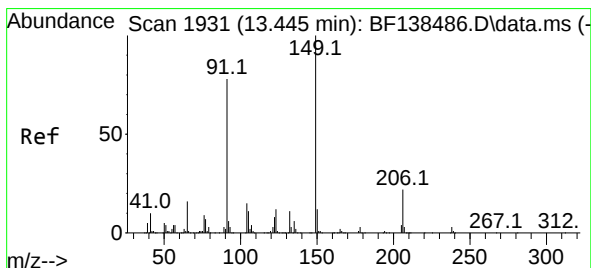
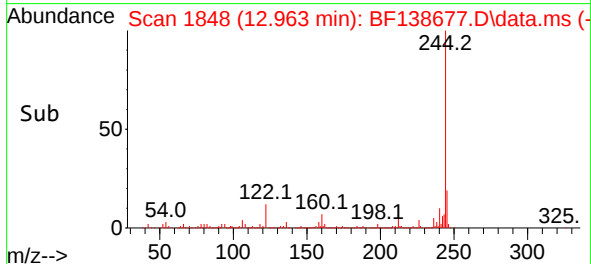
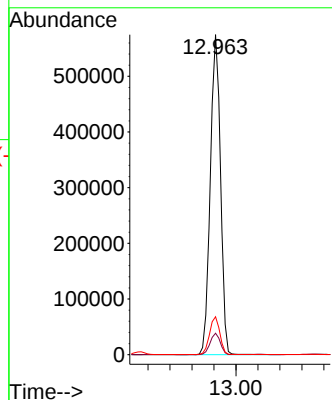
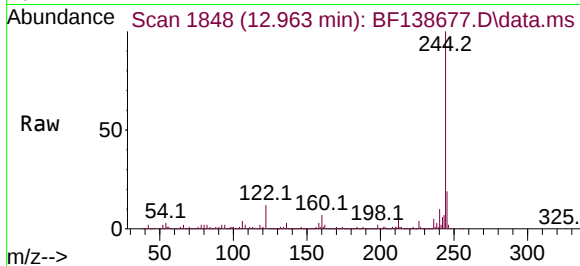




#79
Terphenyl-d14
Concen: 78.676 ng
RT: 12.963 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

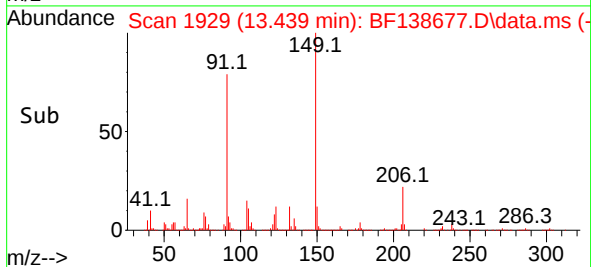
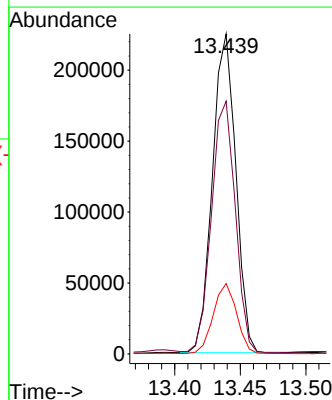
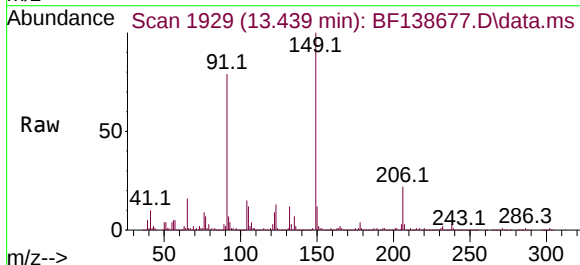
Instrument :
BNA_F
ClientSampleId :
72-11978MSD

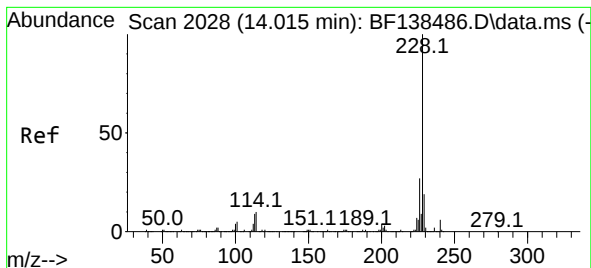
Tgt Ion:244 Resp: 737827
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 11.9 7.8 11.8#



#80
Butylbenzylphthalate
Concen: 59.733 ng
RT: 13.439 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:149 Resp: 278684
Ion Ratio Lower Upper
149 100
91 79.0 62.1 93.1
206 22.0 18.0 27.0





#81

Benzo(a)anthracene

Concen: 70.295 ng

RT: 14.010 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

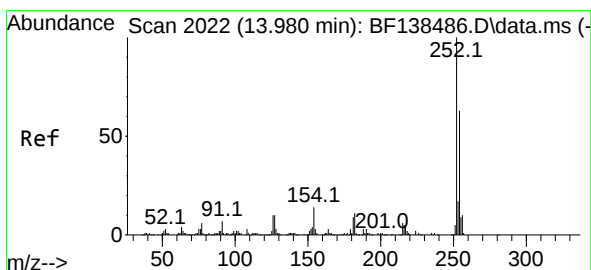
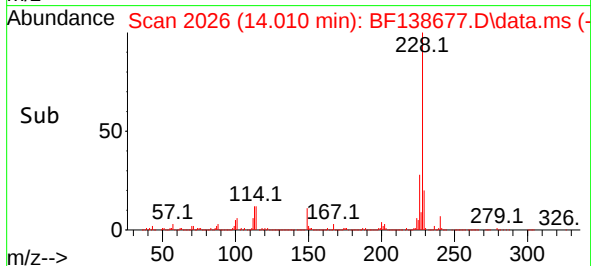
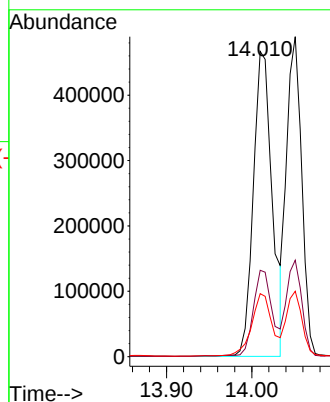
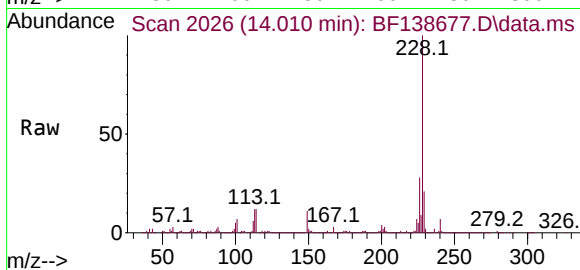
Tgt Ion:228 Resp: 720636

Ion Ratio Lower Upper

228 100

226 28.3 21.9 32.9

229 20.7 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 39.729 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

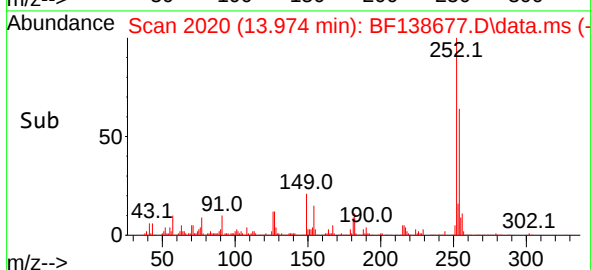
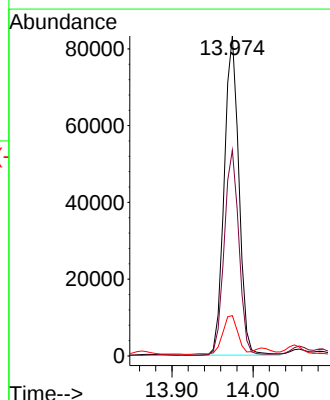
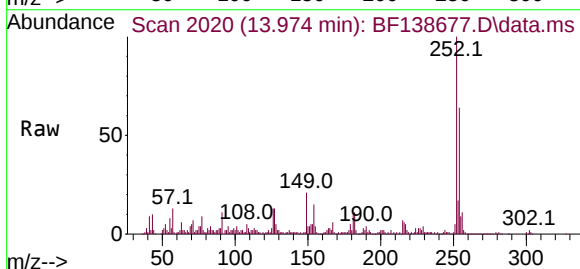
Tgt Ion:252 Resp: 104946

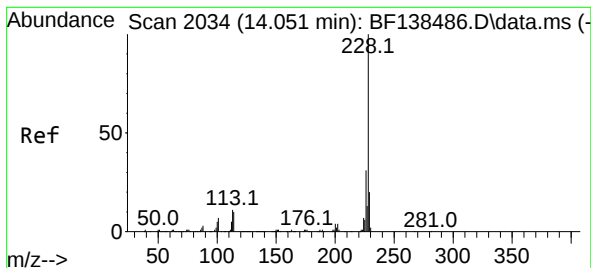
Ion Ratio Lower Upper

252 100

254 64.4 50.3 75.5

126 12.6 8.1 12.1#





#83

Chrysene

Concen: 62.166 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

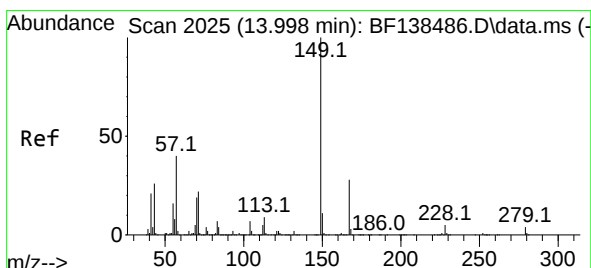
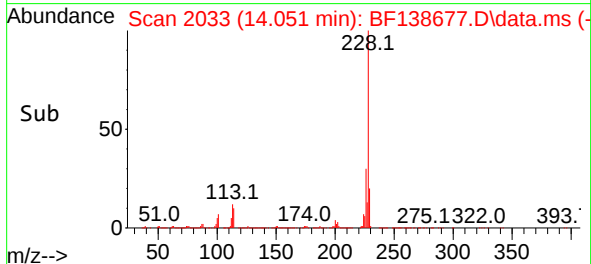
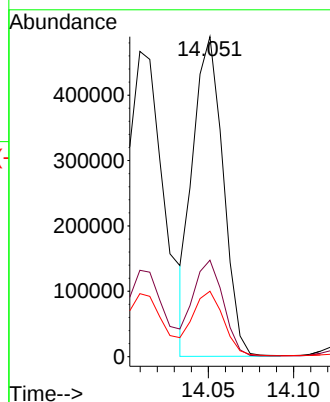
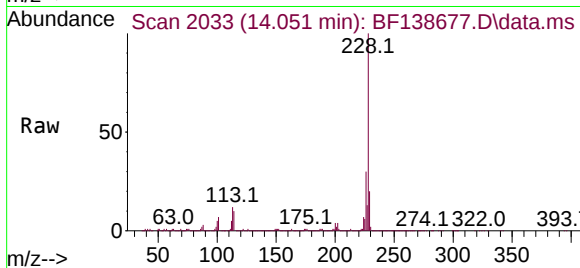
Tgt Ion:228 Resp: 602887

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 20.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 77.944 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

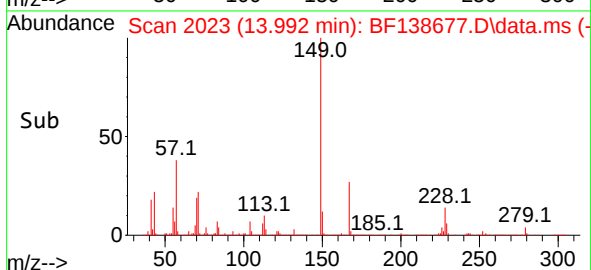
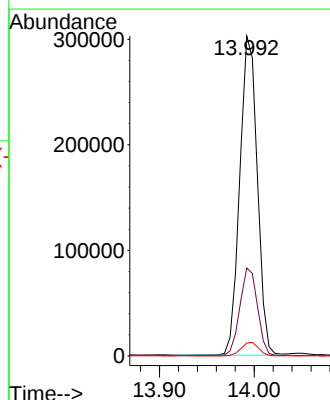
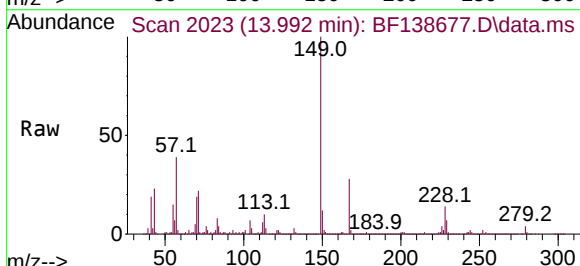
Tgt Ion:149 Resp: 387833

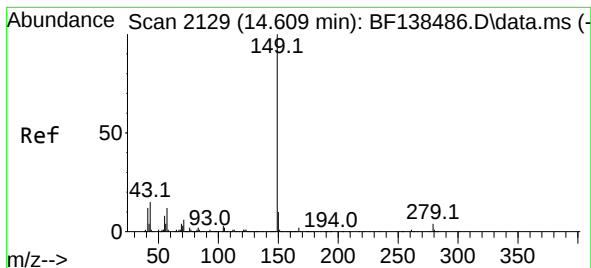
Ion Ratio Lower Upper

149 100

167 27.5 22.5 33.7

279 4.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 82.681 ng

RT: 14.610 min Scan# 2128

Delta R.T. 0.001 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

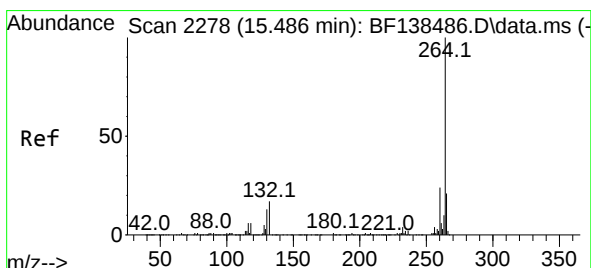
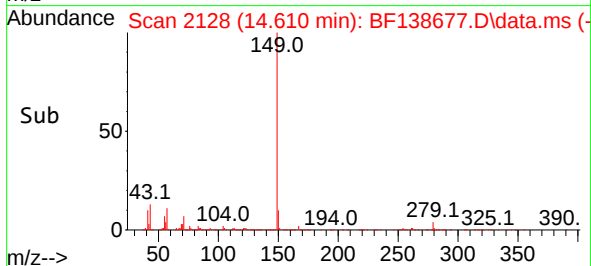
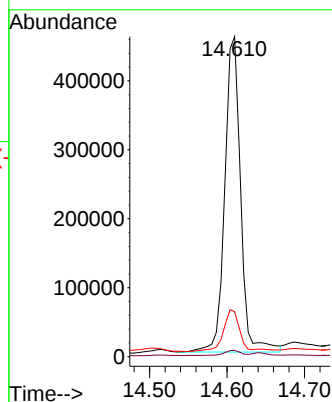
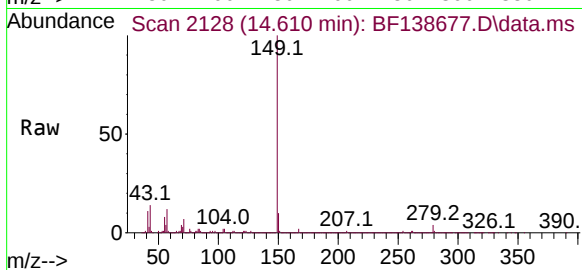
Tgt Ion:149 Resp: 649912

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.3 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2277

Delta R.T. 0.000 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

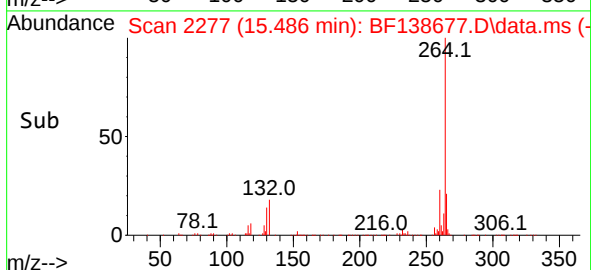
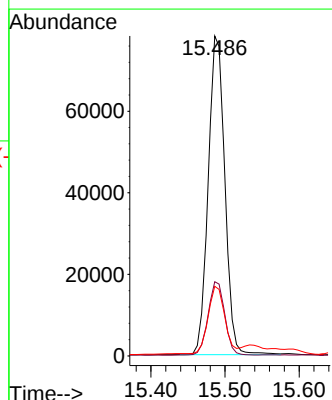
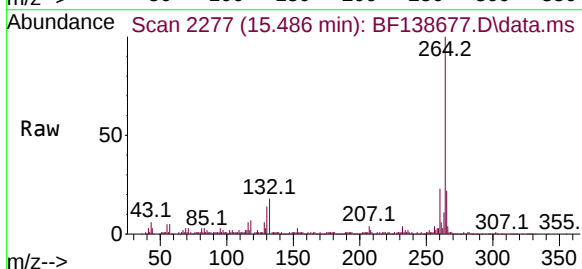
Tgt Ion:264 Resp: 121712

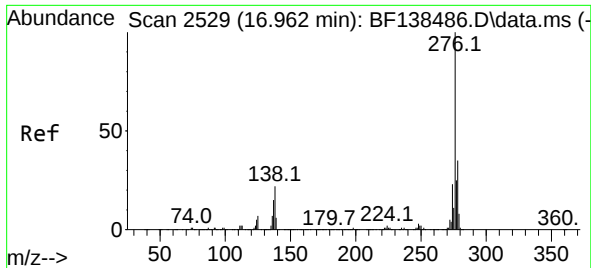
Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 21.7 17.0 25.4

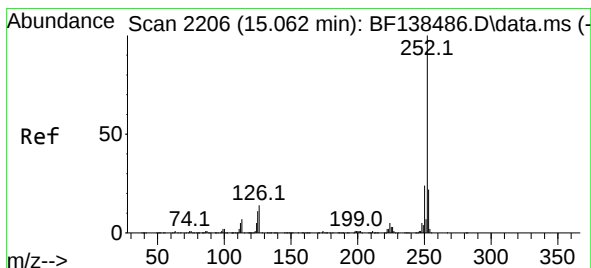
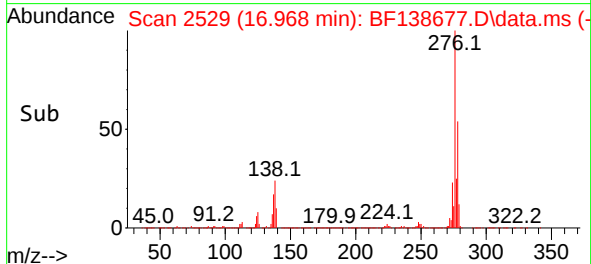
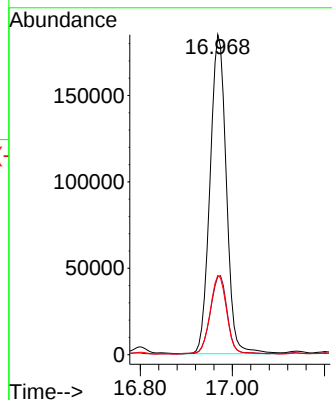
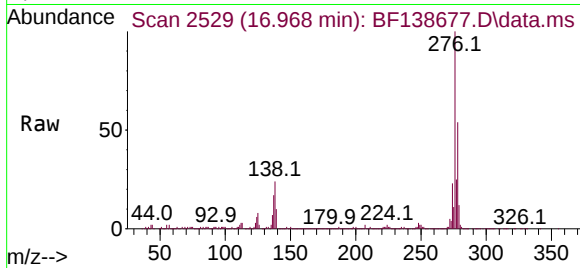




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 55.583 ng
 RT: 16.968 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF138677.D
 Acq: 29 Jul 2024 19:16

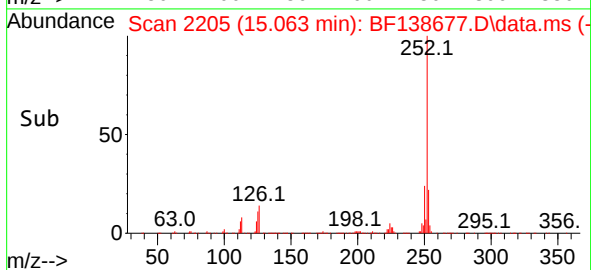
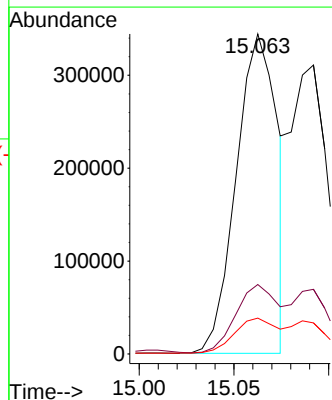
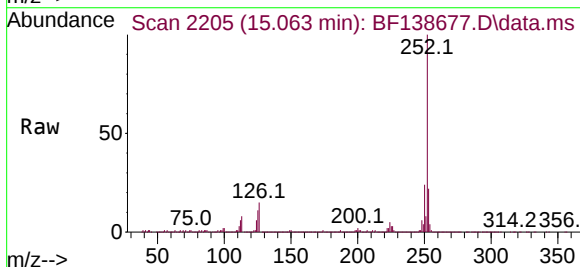
Instrument :
 BNA_F
 ClientSampleId :
 72-11978MSD

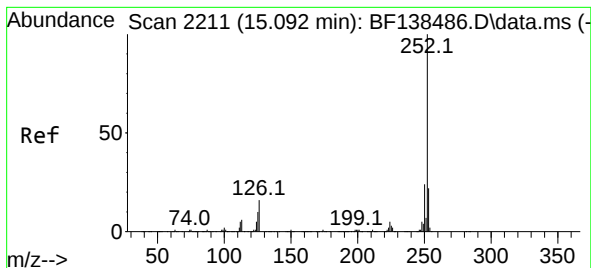
Tgt Ion:276 Resp: 454411
 Ion Ratio Lower Upper
 276 100
 138 25.3 19.6 29.4
 277 25.0 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 75.950 ng
 RT: 15.063 min Scan# 2205
 Delta R.T. 0.000 min
 Lab File: BF138677.D
 Acq: 29 Jul 2024 19:16

Tgt Ion:252 Resp: 520594
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.3 25.9
 125 11.2 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 77.874 ng

RT: 15.063 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

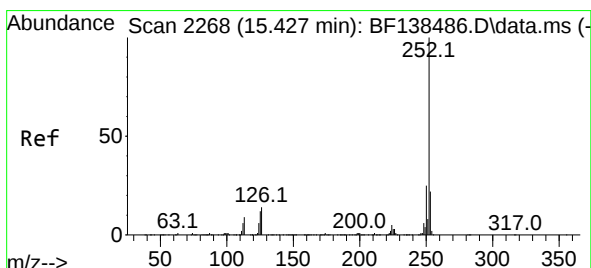
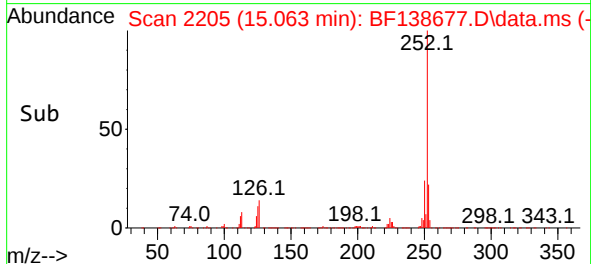
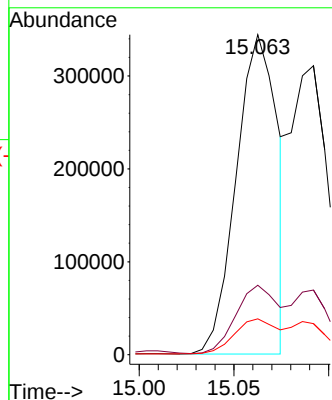
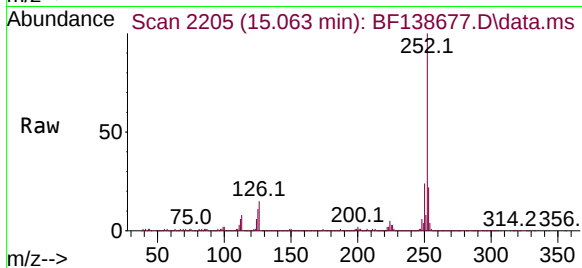
Tgt Ion:252 Resp: 520594

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 11.2 8.1 12.1



#90

Benzo(a)pyrene

Concen: 64.228 ng

RT: 15.427 min Scan# 2267

Delta R.T. 0.000 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

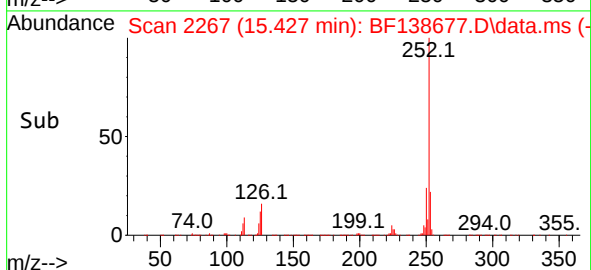
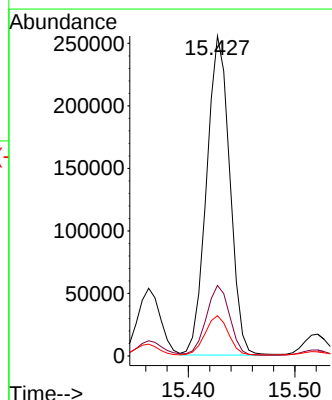
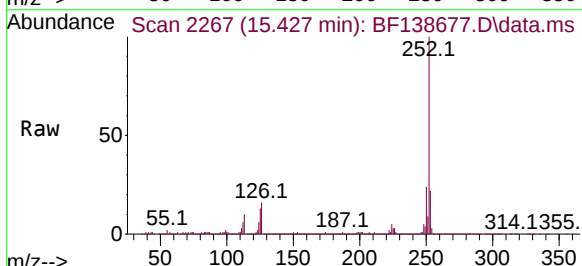
Tgt Ion:252 Resp: 386742

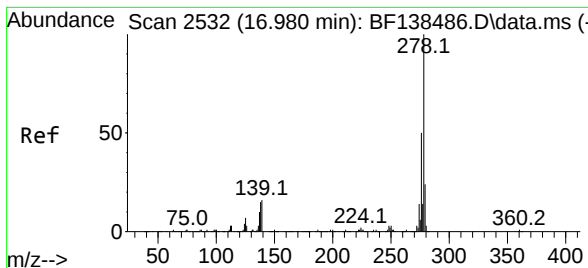
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 12.6 9.4 14.2



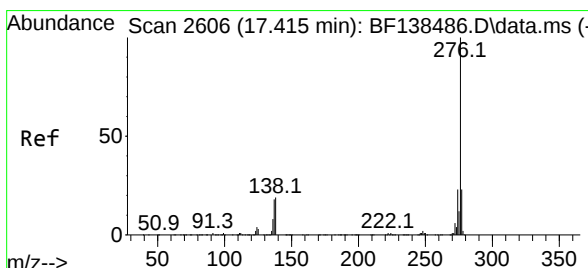
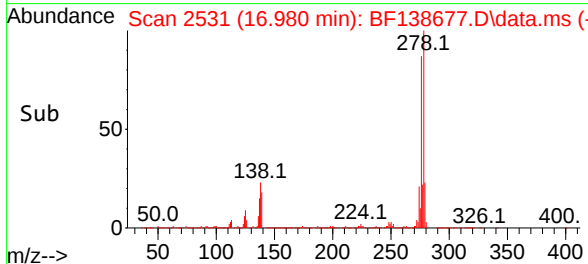
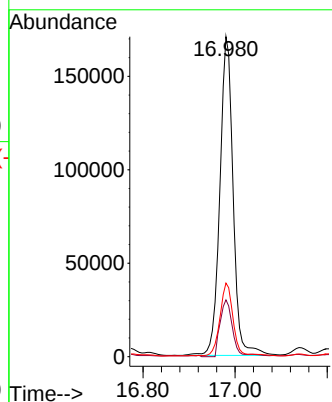
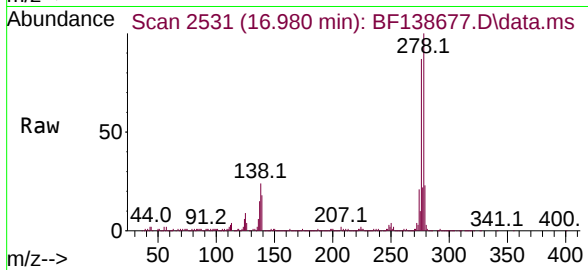


#91
Dibenzo(a,h)anthracene
Concen: 50.988 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :
BNA_F
ClientSampleId :
72-11978MSD

Tgt Ion:278 Resp: 340987

Ion	Ratio	Lower	Upper
278	100		
139	17.7	12.8	19.2
279	23.0	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 49.058 ng
RT: 17.415 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:276 Resp: 347895

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.0	27.0
138	23.1	15.5	23.3

