

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
 Data File : BF138673.D
 Acq On : 29 Jul 2024 17:12
 Operator : RC/JU
 Sample : P3393-13MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-852-GI-SO-9.5-10-072624MSD

Quant Time: Jul 29 17:33:58 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	95941	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	365537	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	162846	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	219571	20.000	ng	0.00
76) Chrysene-d12	14.021	240	150036	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	139984	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	666674	110.052	ng	-0.01
7) Phenol-d6	6.493	99	887001	110.068	ng	-0.01
23) Nitrobenzene-d5	7.416	82	549424	73.797	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	137616	90.420	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	790560	75.874	ng	-0.02
79) Terphenyl-d14	12.963	244	622792	67.624	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	101105	37.684	ng	99
3) Pyridine	3.428	79	274742	41.524	ng	95
4) n-Nitrosodimethylamine	3.387	42	198363	46.055	ng	85
6) Aniline	6.516	93	326607	43.270	ng	# 57
8) 2-Chlorophenol	6.640	128	325892	50.877	ng	100
9) Benzaldehyde	6.398	77	19301	4.475	ng	95
10) Phenol	6.510	94	423421	49.501	ng	81
11) bis(2-Chloroethyl)ether	6.587	93	326254	50.659	ng	99
12) 1,3-Dichlorobenzene	6.793	146	328082	45.566	ng	99
13) 1,4-Dichlorobenzene	6.869	146	331505	45.340	ng	99
14) 1,2-Dichlorobenzene	7.022	146	316508	46.478	ng	97
15) Benzyl Alcohol	6.998	79	295280	48.824	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.122	45	577814	45.623	ng	75
17) 2-Methylphenol	7.110	107	255033	48.581	ng	94
18) Hexachloroethane	7.357	117	113775	42.328	ng	94
19) n-Nitroso-di-n-propyla...	7.269	70	241031	48.405	ng	93
20) 3+4-Methylphenols	7.263	107	312833	47.322	ng	91
22) Acetophenone	7.263	105	404025	45.509	ng	99
24) Nitrobenzene	7.440	77	360008	47.583	ng	95
25) Isophorone	7.675	82	643079	50.297	ng	99
26) 2-Nitrophenol	7.751	139	154406	47.616	ng	97
27) 2,4-Dimethylphenol	7.787	122	215958	54.186	ng	98
28) bis(2-Chloroethoxy)met...	7.881	93	386958	50.642	ng	98
29) 2,4-Dichlorophenol	7.992	162	241280	46.619	ng	99
30) 1,2,4-Trichlorobenzene	8.075	180	267366	44.345	ng	97
31) Naphthalene	8.157	128	882591	46.426	ng	100
32) Benzoic acid	7.922	122	92434	24.317	ng	96
33) 4-Chloroaniline	8.204	127	191808	28.755	ng	98
34) Hexachlorobutadiene	8.269	225	155656	41.925	ng	99
35) Caprolactam	8.586	113	72283	43.281	ng	93
36) 4-Chloro-3-methylphenol	8.698	107	260481	44.956	ng	99
37) 2-Methylnaphthalene	8.845	142	539453	44.094	ng	99
38) 1-Methylnaphthalene	8.945	142	493299	41.315	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	219497	48.362	ng	99
41) Hexachlorocyclopentadiene	8.998	237	56659	38.461	ng	98
43) 2,4,6-Trichlorophenol	9.134	196	140402	48.496	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
 Data File : BF138673.D
 Acq On : 29 Jul 2024 17:12
 Operator : RC/JU
 Sample : P3393-13MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

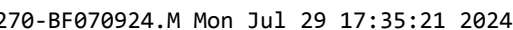
Instrument :
 BNA_F
 ClientSampleId :
 S-852-GI-SO-9.5-10-072624MSD

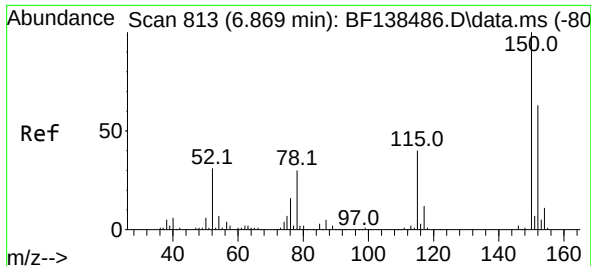
Quant Time: Jul 29 17:33:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	143708	45.131	ng	93
46) 1,1'-Biphenyl	9.316	154	597510	48.416	ng	99
47) 2-Chloronaphthalene	9.339	162	460738	49.418	ng	99
48) 2-Nitroaniline	9.439	65	167994	51.998	ng	98
49) Acenaphthylene	9.757	152	689438	52.085	ng	100
50) Dimethylphthalate	9.616	163	567330	53.878	ng	100
51) 2,6-Dinitrotoluene	9.681	165	115085	47.468	ng	90
52) Acenaphthene	9.928	154	432018	49.100	ng	99
53) 3-Nitroaniline	9.851	138	95908	38.596	ng	90
54) 2,4-Dinitrophenol	9.963	184	28559	25.335	ng	90
55) Dibenzofuran	10.098	168	588126	46.083	ng	100
56) 4-Nitrophenol	10.022	139	137187	74.821	ng	97
57) 2,4-Dinitrotoluene	10.086	165	135059	43.054	ng	95
58) Fluorene	10.439	166	437162	43.291	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	101634	40.443	ng	98
60) Diethylphthalate	10.316	149	501817	49.434	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	222271	43.834	ng	96
62) 4-Nitroaniline	10.463	138	97911	39.320	ng	98
63) Azobenzene	10.592	77	493261	45.195	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	26524	20.921	ng	# 76
66) n-Nitrosodiphenylamine	10.551	169	384550	58.456	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	120318	53.314	ng	99
68) Hexachlorobenzene	10.986	284	125147	49.917	ng	98
69) Atrazine	11.080	200	107943	49.491	ng	98
70) Pentachlorophenol	11.186	266	120860	81.468	ng	96
71) Phenanthrene	11.404	178	564652	50.902	ng	99
72) Anthracene	11.457	178	579132	52.593	ng	100
73) Carbazole	11.616	167	507355	51.270	ng	99
74) Di-n-butylphthalate	11.939	149	639438	56.059	ng	99
75) Fluoranthene	12.592	202	593243	52.411	ng	98
77) Benzidine	12.722	184	329303	86.993	ng	99
78) Pyrene	12.822	202	607195	39.867	ng	100
80) Butylbenzylphthalate	13.439	149	261770	57.134	ng	98
81) Benzo(a)anthracene	14.010	228	503842	50.047	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	158994	61.290	ng	98
83) Chrysene	14.051	228	473874	49.757	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	360640	73.804	ng	99
85) Di-n-octyl phthalate	14.610	149	576860	74.729	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	425478	45.250	ng	99
88) Benzo(b)fluoranthene	15.057	252	377434	47.877	ng	100
89) Benzo(k)fluoranthene	15.086	252	329861	42.902	ng	98
90) Benzo(a)pyrene	15.427	252	353744	51.080	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	341806	44.439	ng	99
92) Benzo(g,h,i)perylene	17.409	276	325307	39.885	ng	96

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

Quant Time: Jul 29 17:33:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

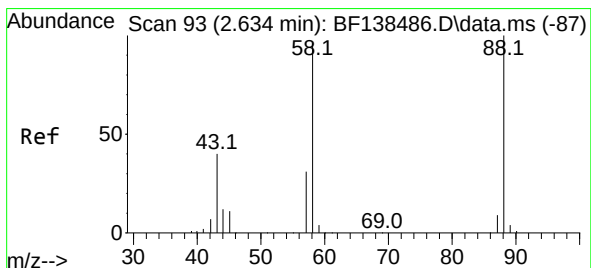
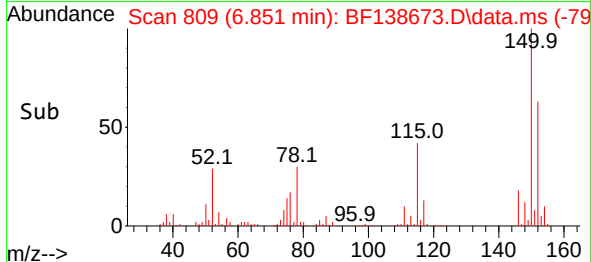
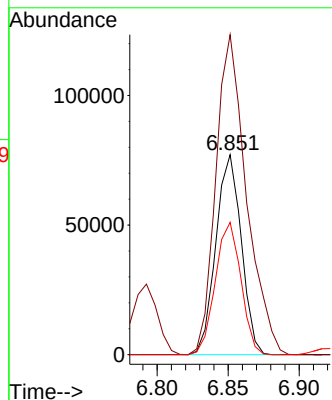
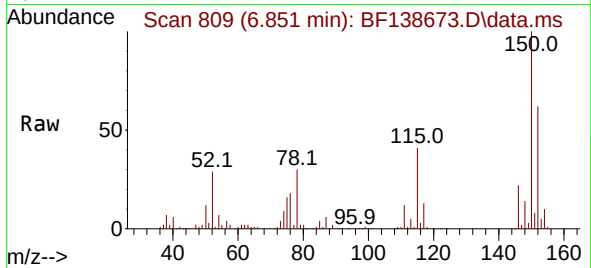




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BF138673.D
 Acq: 29 Jul 2024 17:12

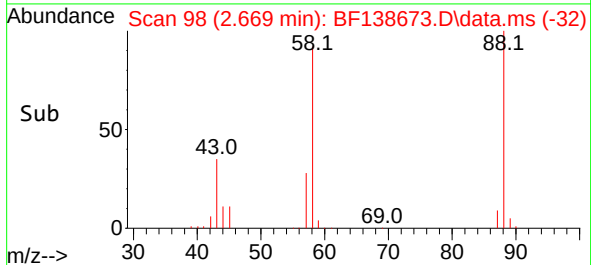
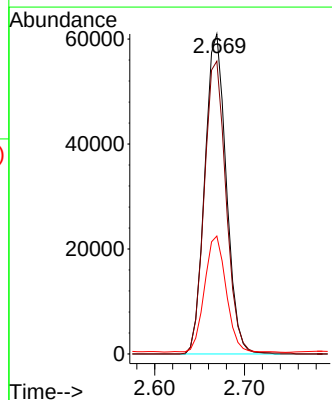
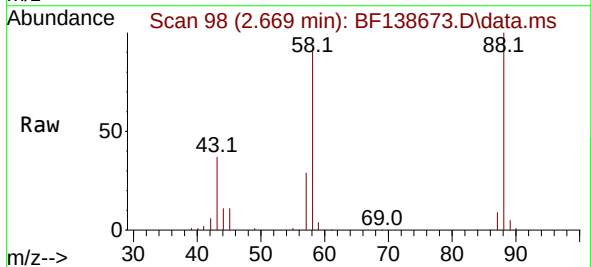
Instrument :
 BNA_F
 ClientSampleId :
 S-852-GI-SO-9.5-10-072624MSD

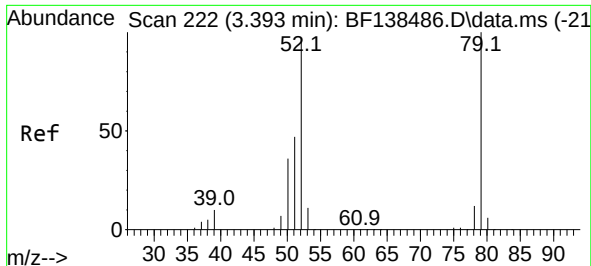
Tgt Ion:152 Resp: 95941
 Ion Ratio Lower Upper
 152 100
 150 160.0 126.2 189.4
 115 66.2 50.3 75.5



#2
 1,4-Dioxane
 Concen: 37.684 ng
 RT: 2.669 min Scan# 98
 Delta R.T. 0.035 min
 Lab File: BF138673.D
 Acq: 29 Jul 2024 17:12

Tgt Ion: 88 Resp: 101105
 Ion Ratio Lower Upper
 88 100
 58 93.2 74.6 112.0
 43 36.8 31.8 47.6

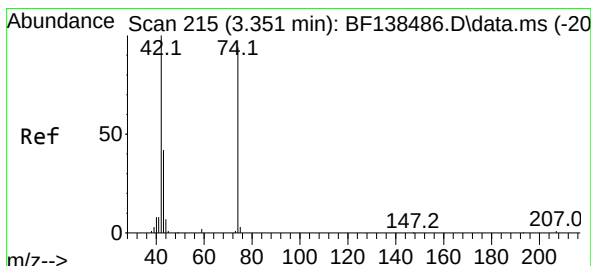
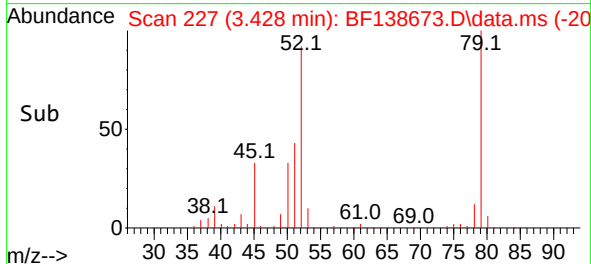
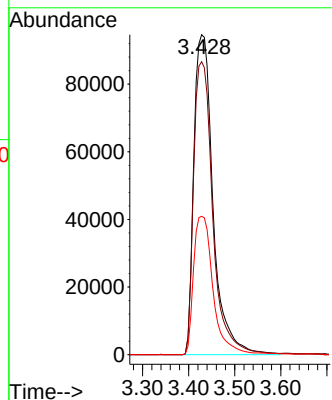
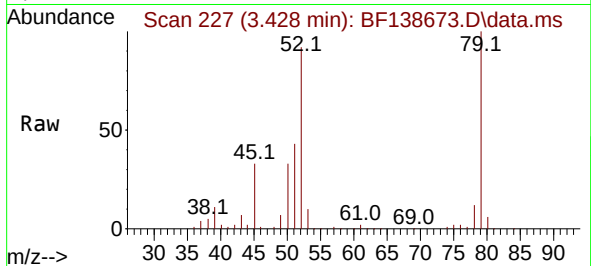




#3
 Pyridine
 Concen: 41.524 ng
 RT: 3.428 min Scan# 21
 Delta R.T. 0.035 min
 Lab File: BF138673.D
 Acq: 29 Jul 2024 17:12

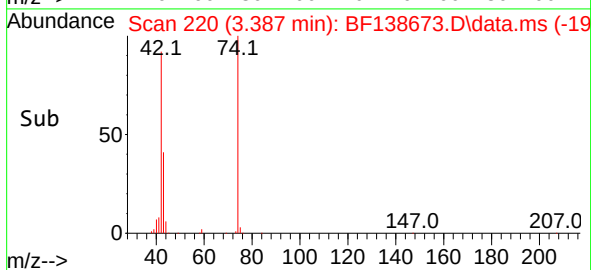
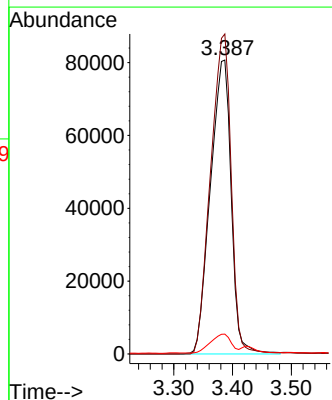
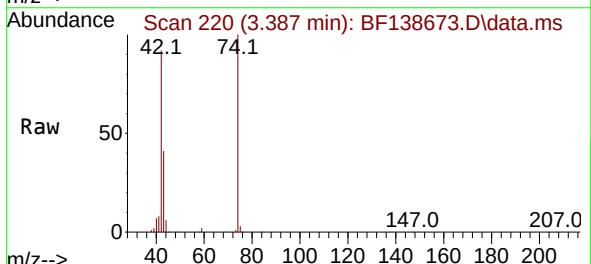
Instrument :
 BNA_F
 ClientSampleId :
 S-852-GI-SO-9.5-10-072624MSD

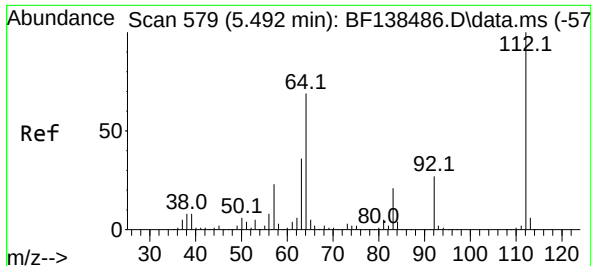
Tgt Ion: 79 Resp: 274742
 Ion Ratio Lower Upper
 79 100
 52 91.6 77.4 116.2
 51 43.3 37.4 56.0



#4
 n-Nitrosodimethylamine
 Concen: 46.055 ng
 RT: 3.387 min Scan# 220
 Delta R.T. 0.035 min
 Lab File: BF138673.D
 Acq: 29 Jul 2024 17:12

Tgt Ion: 42 Resp: 198363
 Ion Ratio Lower Upper
 42 100
 74 108.8 75.0 112.6
 44 6.7 5.4 8.2

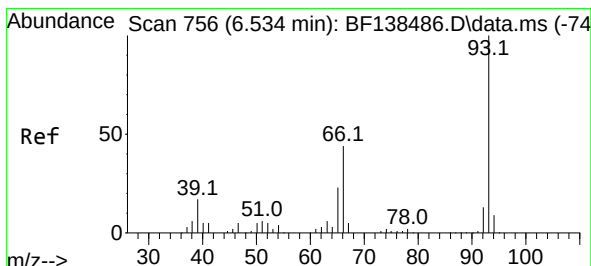
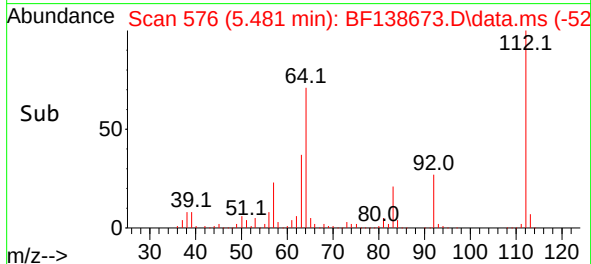
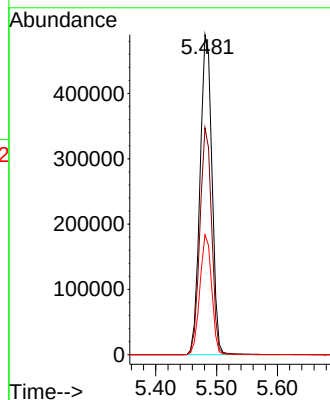
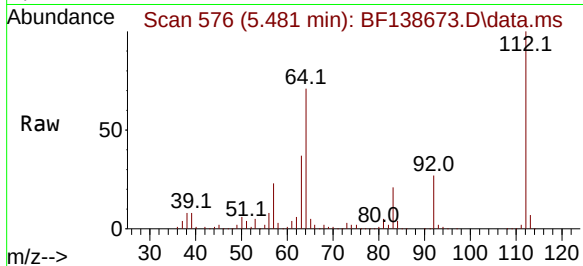




#5
2-Fluorophenol
Concen: 110.052 ng
RT: 5.481 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

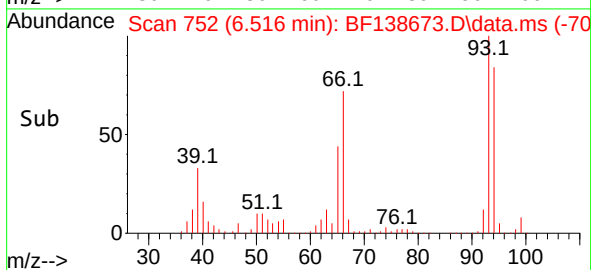
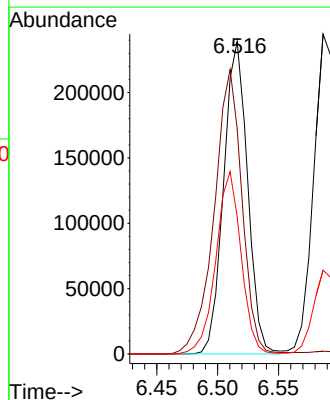
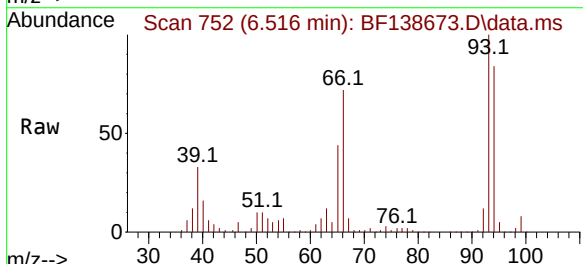
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

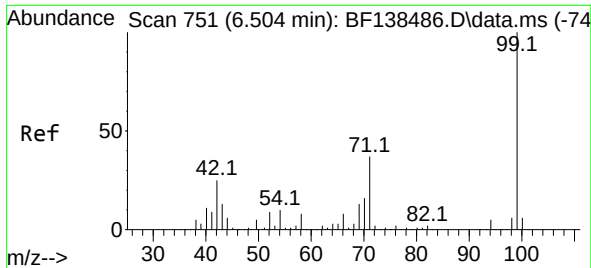
Tgt Ion:112 Resp: 666674
Ion Ratio Lower Upper
112 100
64 70.9 55.1 82.7
63 37.5 29.0 43.6



#6
Aniline
Concen: 43.270 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.017 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion: 93 Resp: 326607
Ion Ratio Lower Upper
93 100
66 72.2 35.4 53.0#
65 44.1 18.6 27.8#

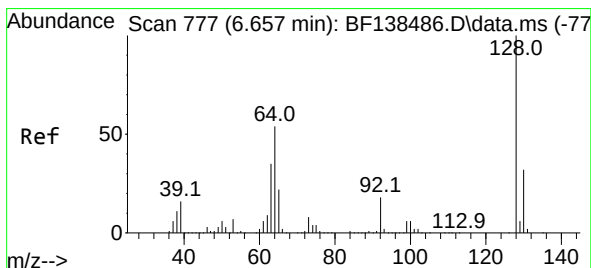
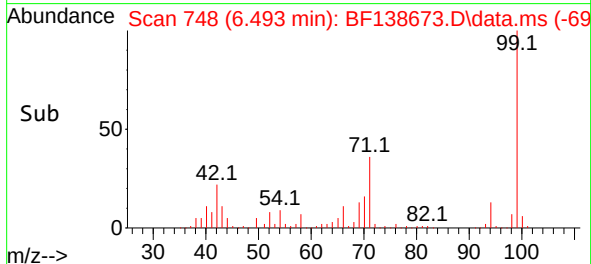
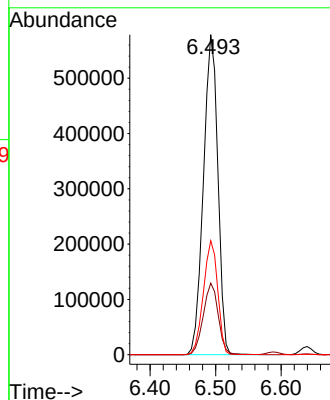
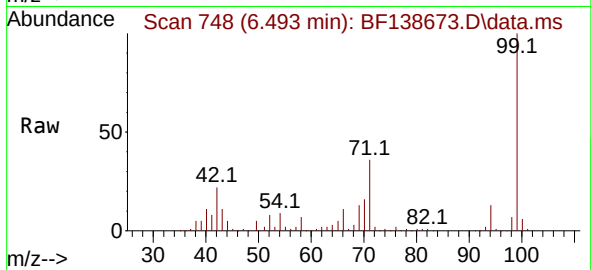




#7
Phenol-d6
Concen: 110.068 ng
RT: 6.493 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

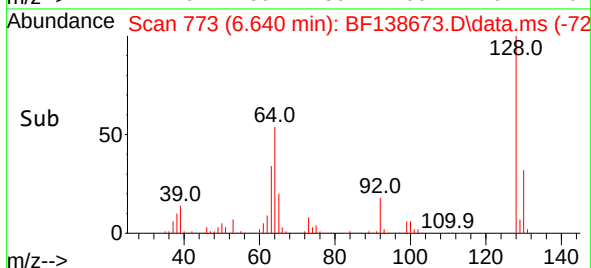
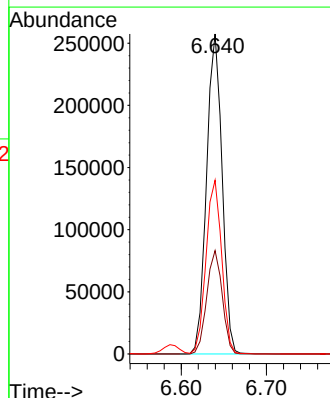
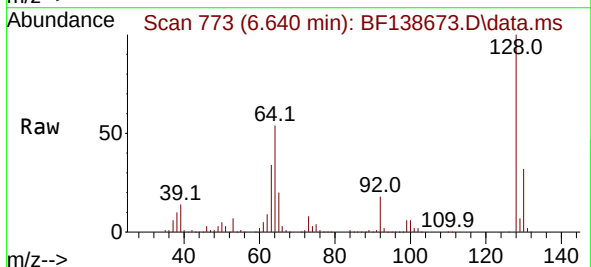
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

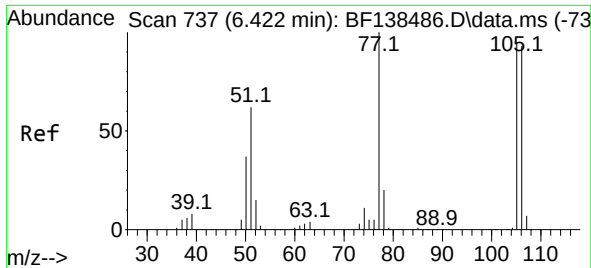
Tgt Ion: 99 Resp: 887001
Ion Ratio Lower Upper
99 100
42 22.3 19.7 29.5
71 35.6 29.9 44.9



#8
2-Chlorophenol
Concen: 50.877 ng
RT: 6.640 min Scan# 773
Delta R.T. -0.017 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion: 128 Resp: 325892
Ion Ratio Lower Upper
128 100
130 32.3 12.1 52.1
64 54.3 34.4 74.4





#9

Benzaldehyde

Concen: 4.475 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.024 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MSD

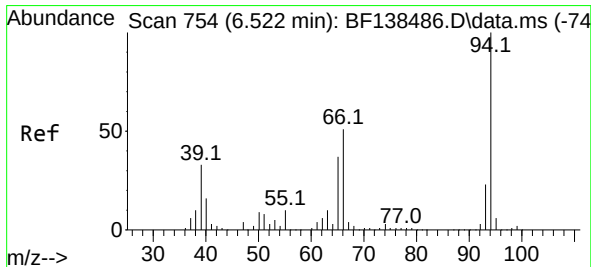
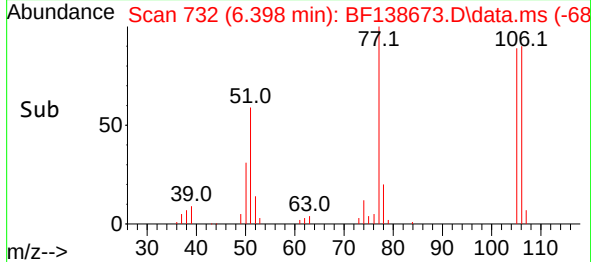
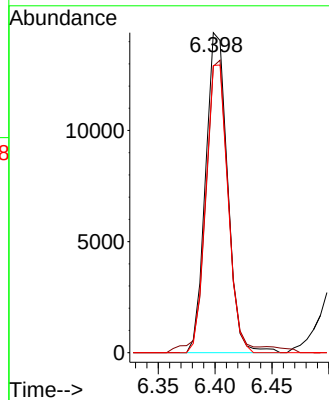
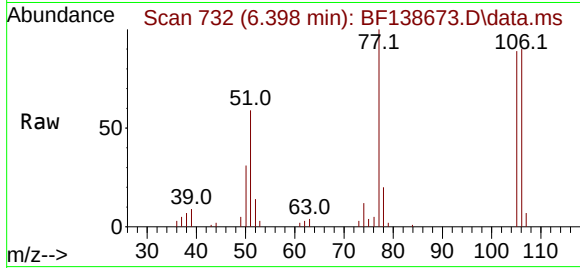
Tgt Ion: 77 Resp: 19301

Ion Ratio Lower Upper

77 100

105 89.5 75.1 115.1

106 89.8 73.2 113.2



#10

Phenol

Concen: 49.501 ng

RT: 6.510 min Scan# 751

Delta R.T. -0.012 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

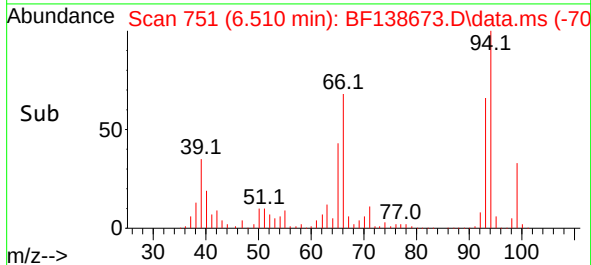
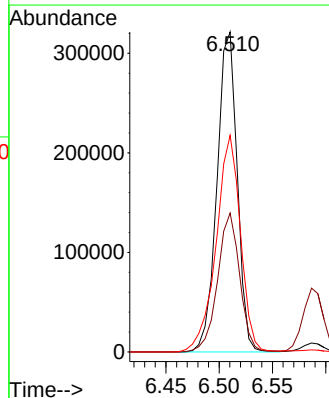
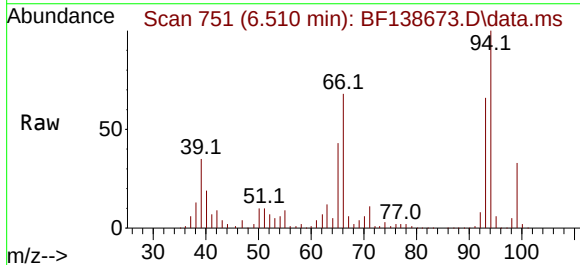
Tgt Ion: 94 Resp: 423421

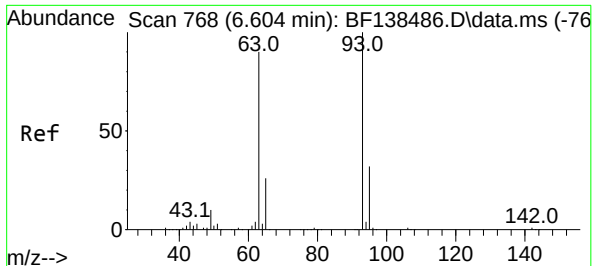
Ion Ratio Lower Upper

94 100

65 43.4 16.7 56.7

66 67.7 31.2 71.2

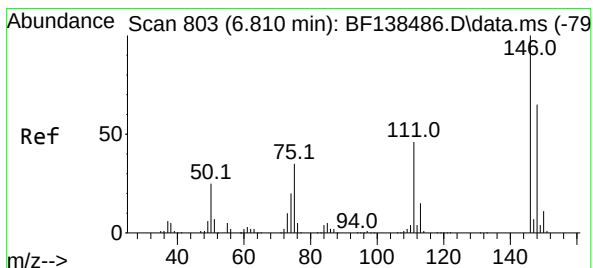
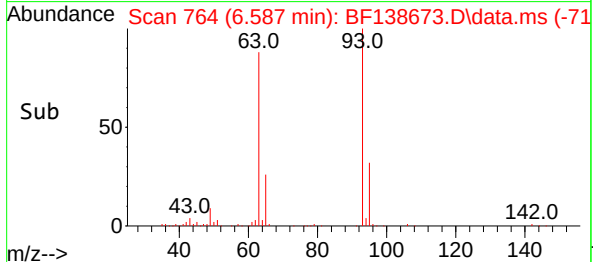
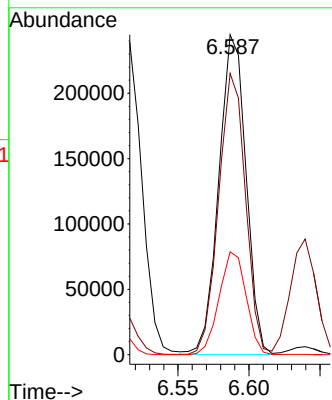
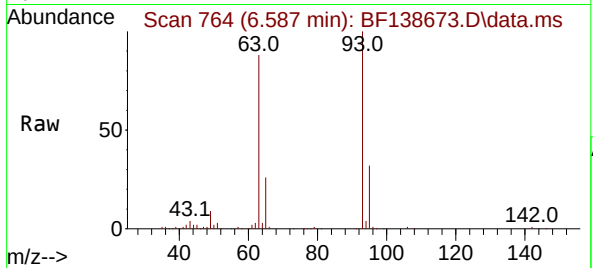




#11
bis(2-Chloroethyl)ether
Concen: 50.659 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.017 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

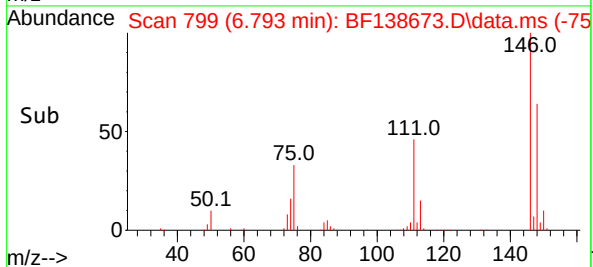
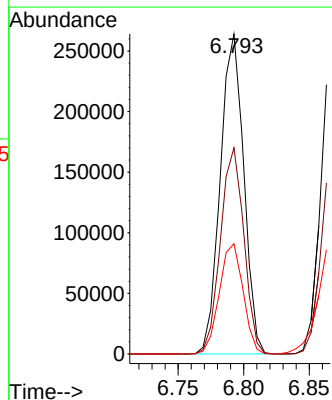
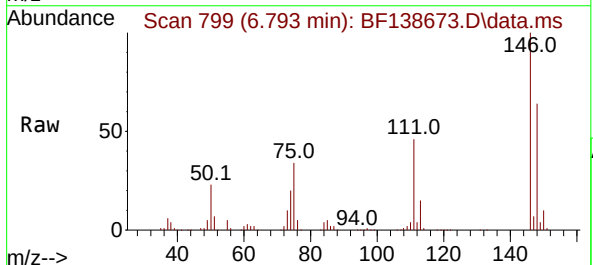
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

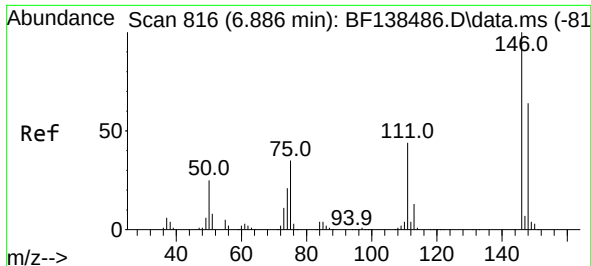
Tgt Ion: 93 Resp: 326254
Ion Ratio Lower Upper
93 100
63 87.9 68.8 108.8
95 32.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 45.566 ng
RT: 6.793 min Scan# 799
Delta R.T. -0.017 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion: 146 Resp: 328082
Ion Ratio Lower Upper
146 100
148 64.4 52.4 78.6
75 34.5 27.8 41.8

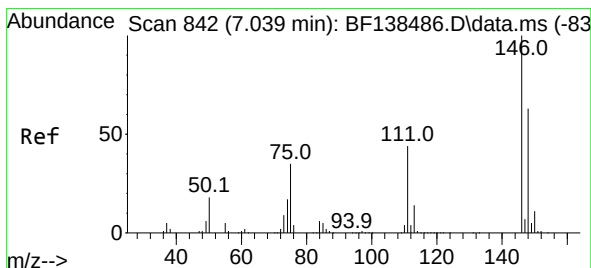
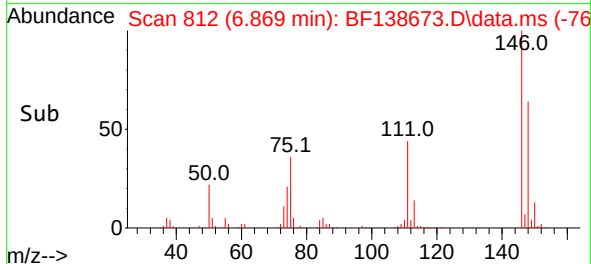
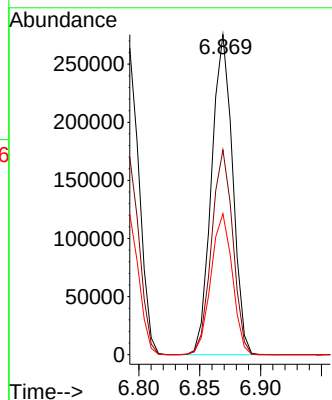
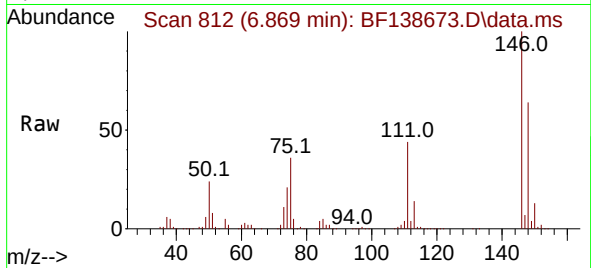




#13
1,4-Dichlorobenzene
Concen: 45.340 ng
RT: 6.869 min Scan# 816
Delta R.T. -0.017 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

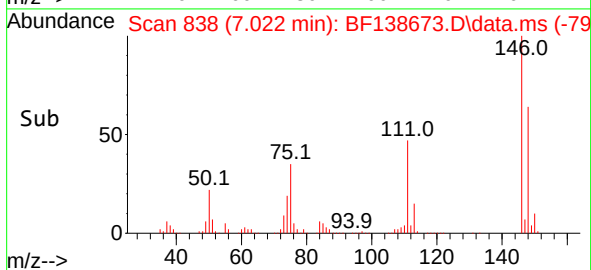
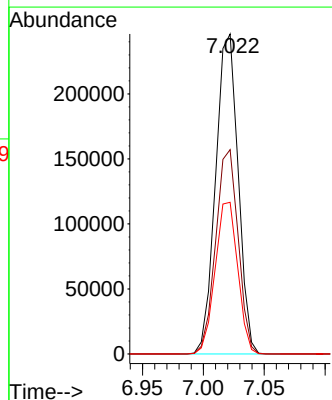
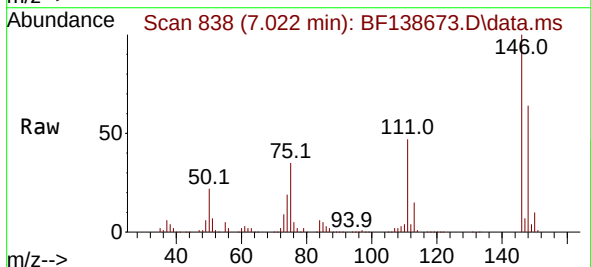
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

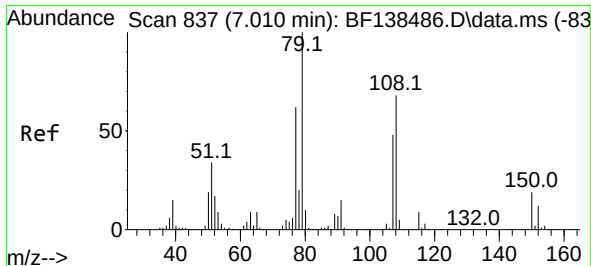
Tgt Ion:146 Resp: 331505
Ion Ratio Lower Upper
146 100
148 64.0 51.6 77.4
111 44.1 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 46.478 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.017 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion:146 Resp: 316508
Ion Ratio Lower Upper
146 100
148 63.9 50.1 75.1
111 47.4 35.5 53.3

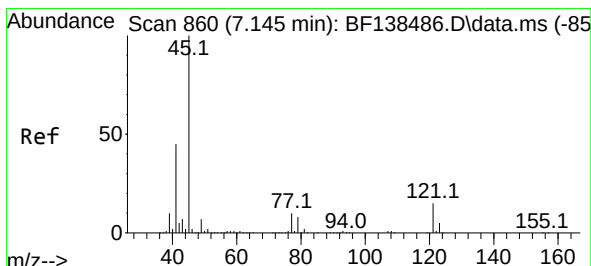
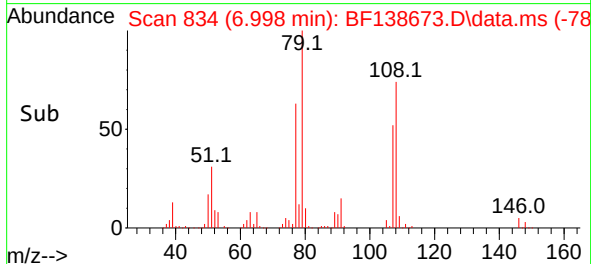
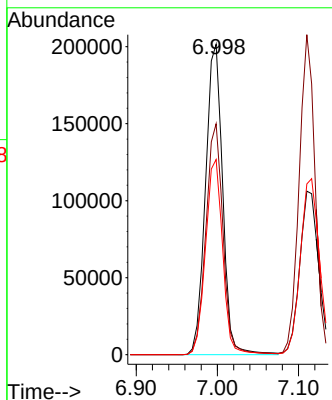
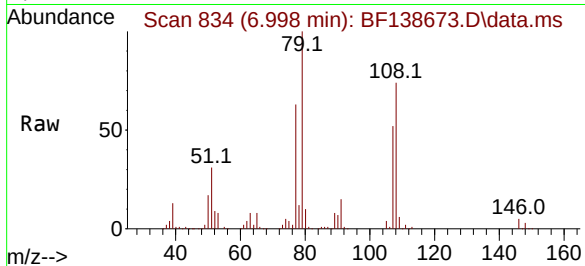




#15
Benzyl Alcohol
Concen: 48.824 ng
RT: 6.998 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

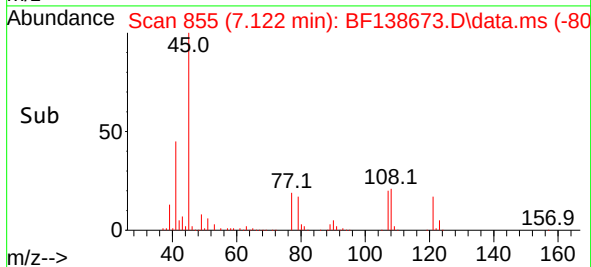
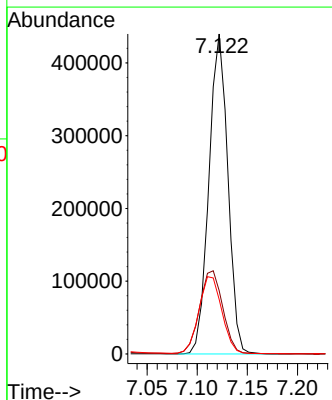
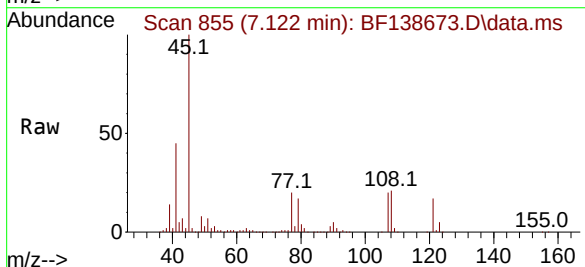
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

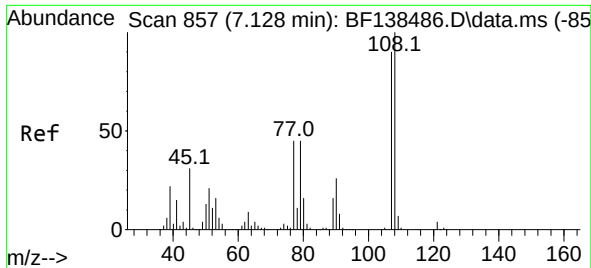
Tgt Ion: 79 Resp: 295280
Ion Ratio Lower Upper
79 100
108 74.4 54.3 81.5
77 62.9 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.623 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.023 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion: 45 Resp: 577814
Ion Ratio Lower Upper
45 100
77 19.8 0.0 30.4
79 17.1 0.0 28.1

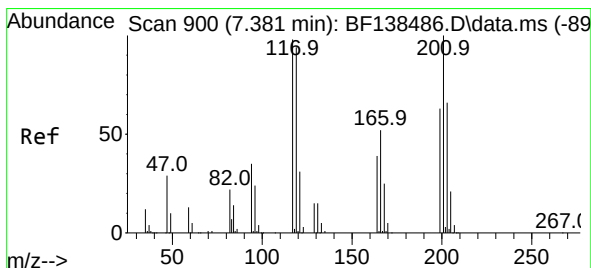
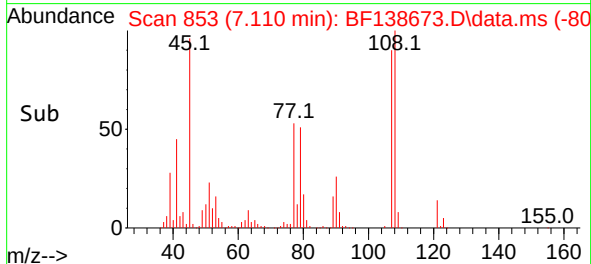
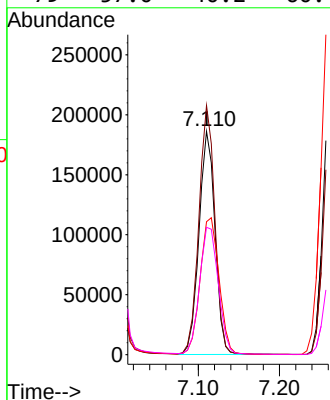
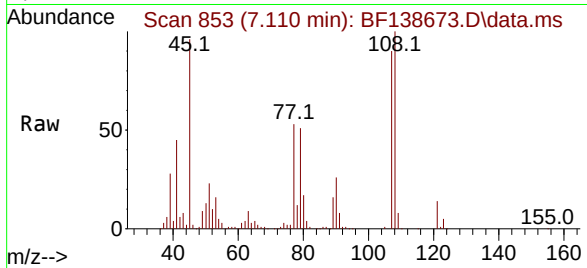




#17
2-Methylphenol
Concen: 48.581 ng
RT: 7.110 min Scan# 811
Delta R.T. -0.017 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

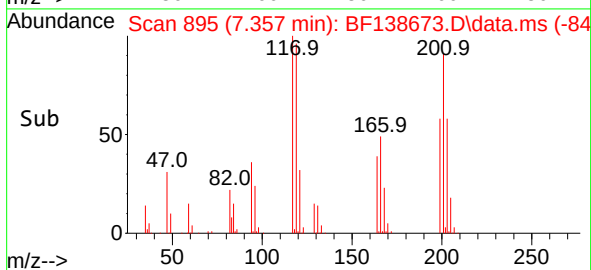
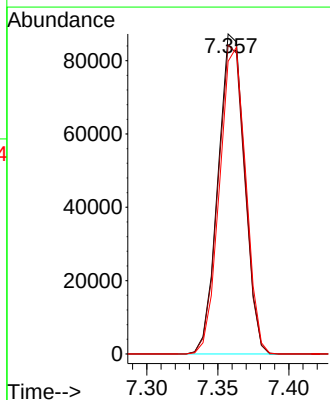
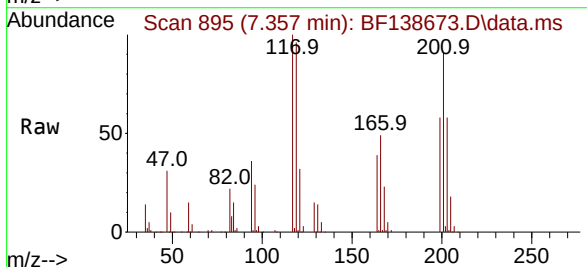
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

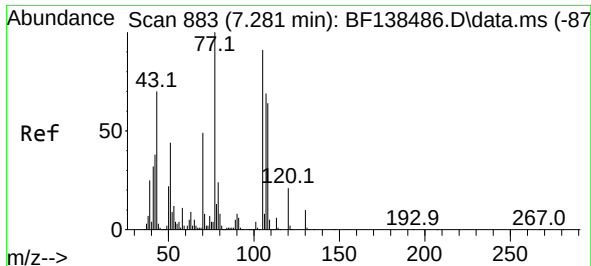
Tgt Ion:	107	Resp:	255033
Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.0	133.4
77	59.5	40.3	60.5
79	57.0	40.2	60.4



#18
Hexachloroethane
Concen: 42.328 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.023 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion:	117	Resp:	113775
Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.6	114.8
201	91.4	81.4	122.0

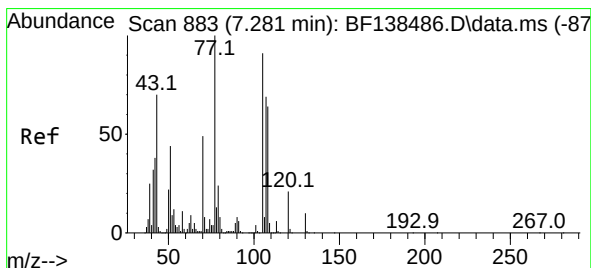
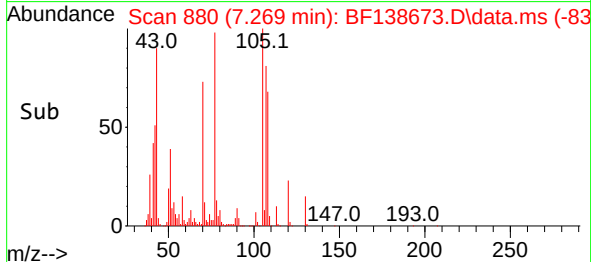
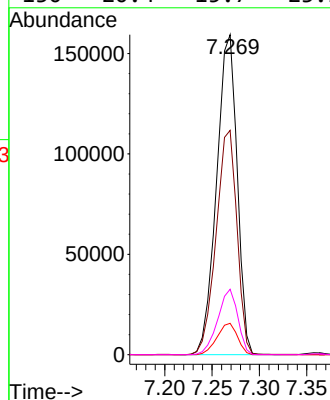
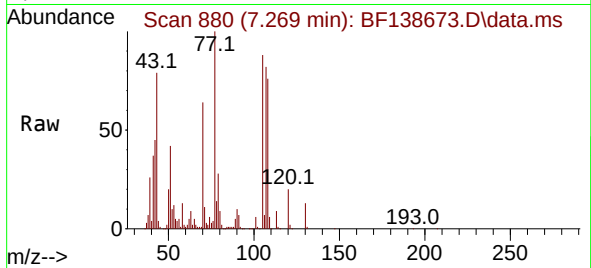




#19
n-Nitroso-di-n-propylamine
Concen: 48.405 ng
RT: 7.269 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

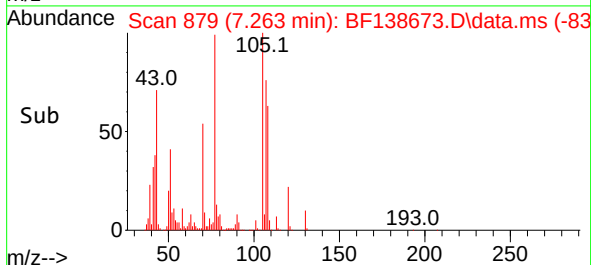
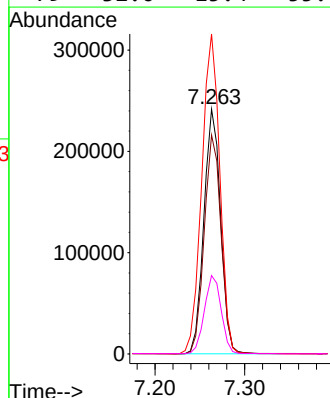
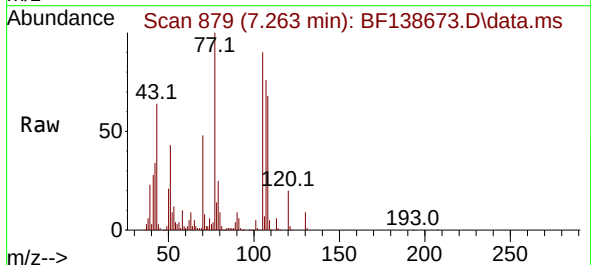
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

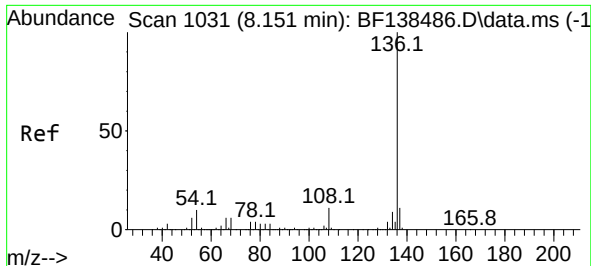
Tgt Ion: 70 Resp: 241031
Ion Ratio Lower Upper
70 100
42 70.1 62.4 93.6
101 9.8 7.2 10.8
130 20.4 15.7 23.5



#20
3+4-Methylphenols
Concen: 47.322 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.017 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion: 107 Resp: 312833
Ion Ratio Lower Upper
107 100
108 89.4 73.7 113.7
77 130.7 126.0 166.0
79 32.0 15.4 55.4

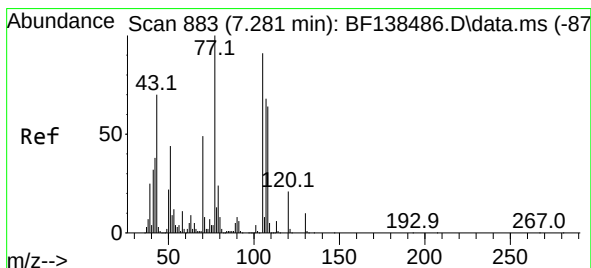
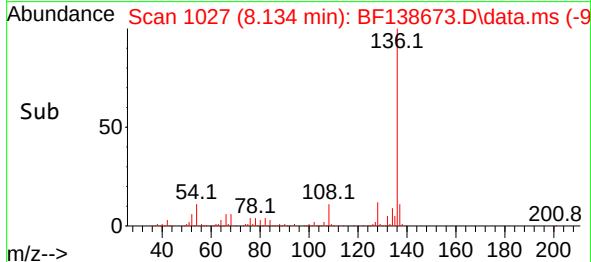
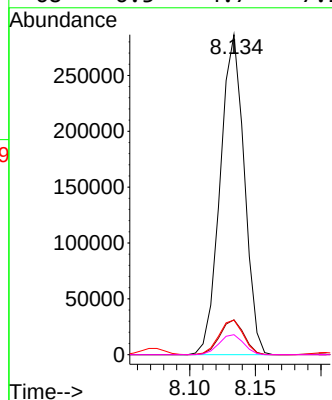
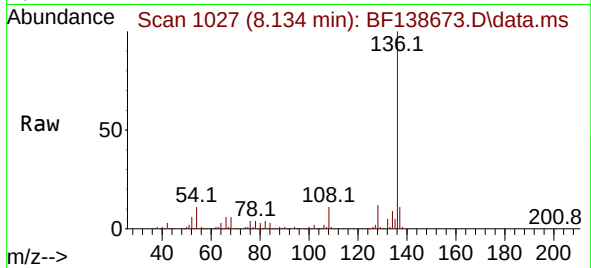




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

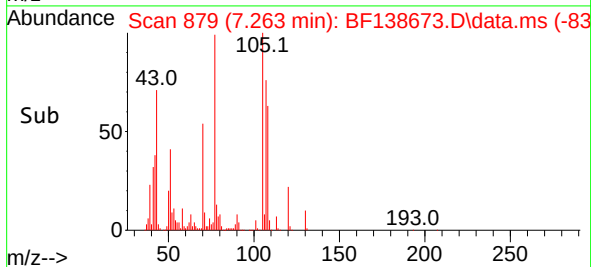
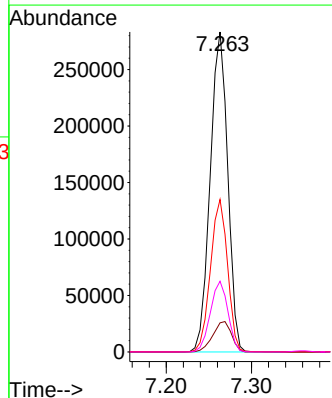
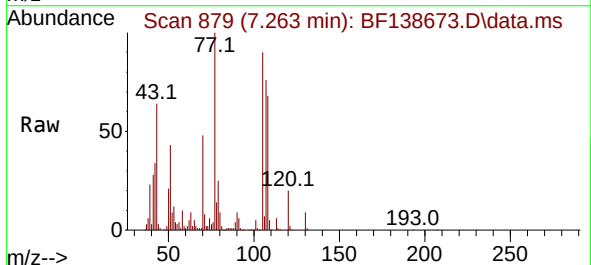
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

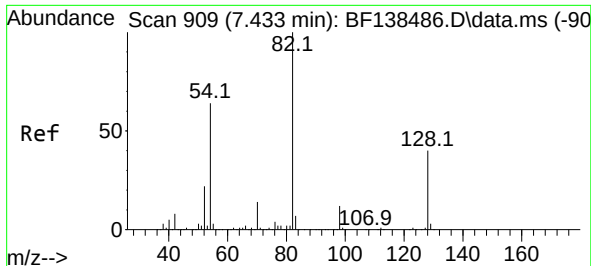
Tgt Ion:136 Resp: 365537
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.8 8.1 12.1
68 6.3 4.7 7.1



#22
Acetophenone
Concen: 45.509 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.017 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion:105 Resp: 404025
Ion Ratio Lower Upper
105 100
71 9.1 7.4 11.2
51 47.6 38.7 58.1
120 22.1 18.2 27.2





#23

Nitrobenzene-d5

Concen: 73.797 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.017 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MSD

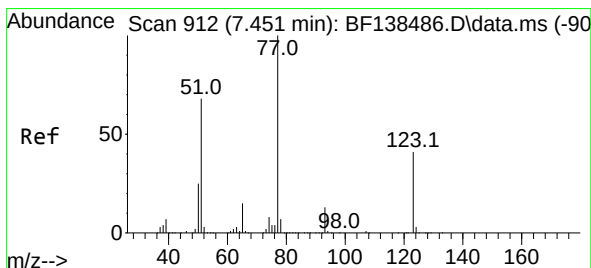
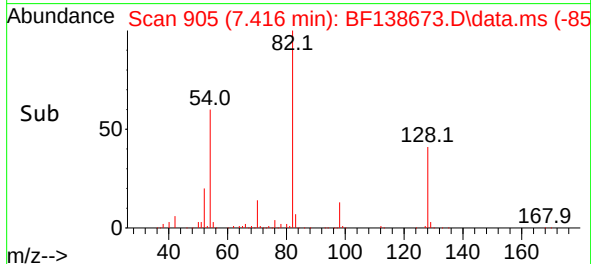
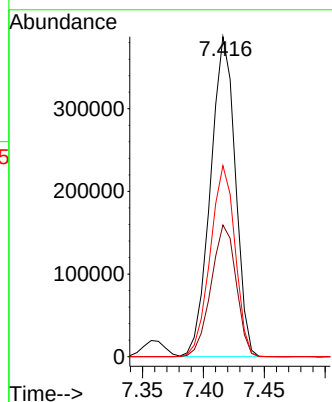
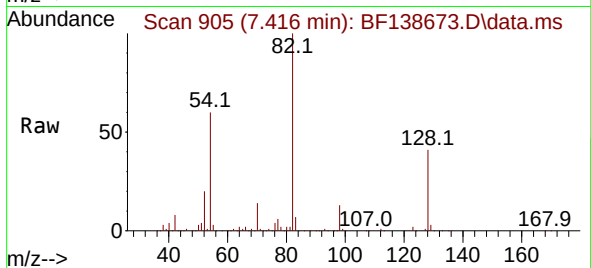
Tgt Ion: 82 Resp: 549424

Ion Ratio Lower Upper

82 100

128 41.1 32.3 48.5

54 59.7 51.4 77.0



#24

Nitrobenzene

Concen: 47.583 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

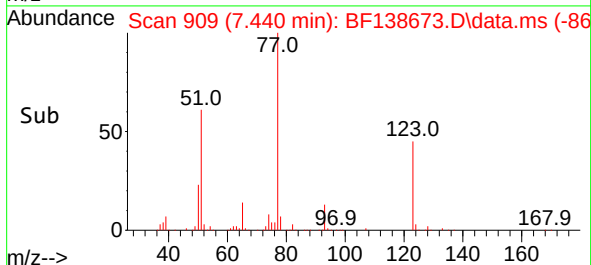
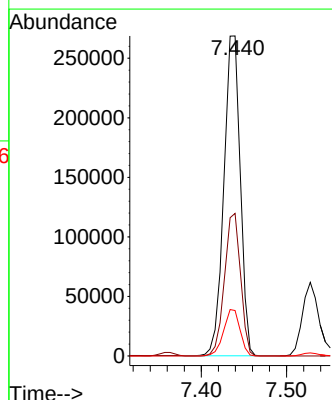
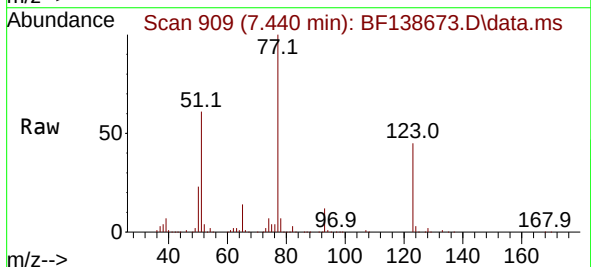
Tgt Ion: 77 Resp: 360008

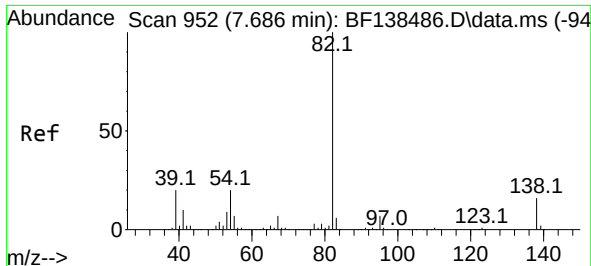
Ion Ratio Lower Upper

77 100

123 44.5 32.4 48.6

65 14.2 11.8 17.8

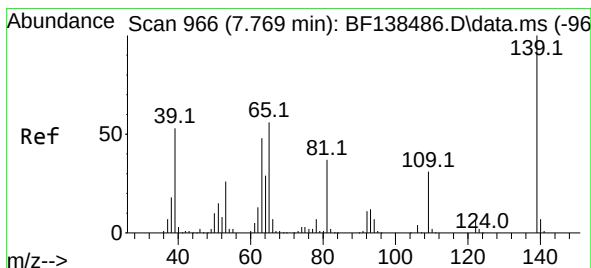
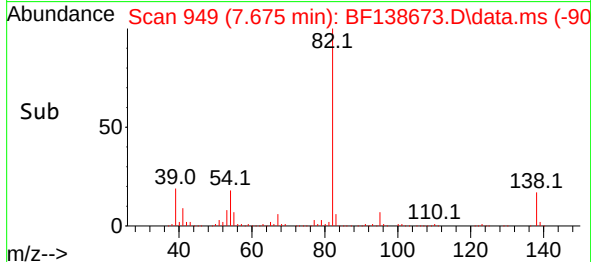
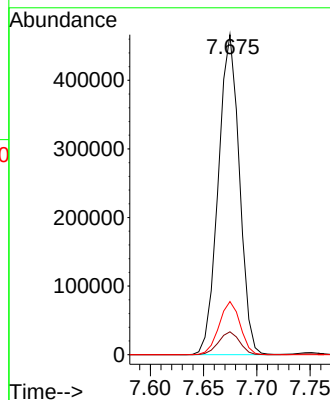
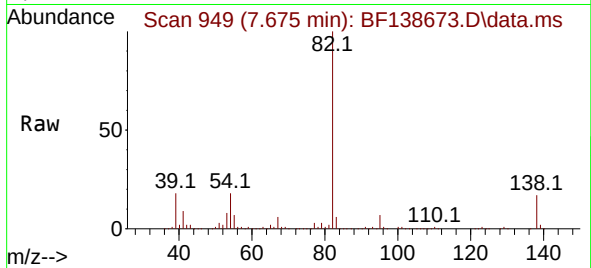




#25
Isophorone
Concen: 50.297 ng
RT: 7.675 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

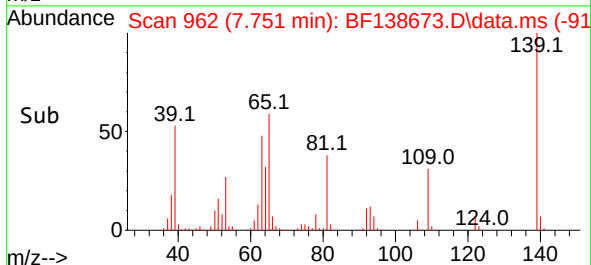
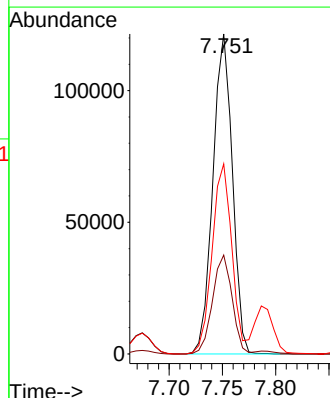
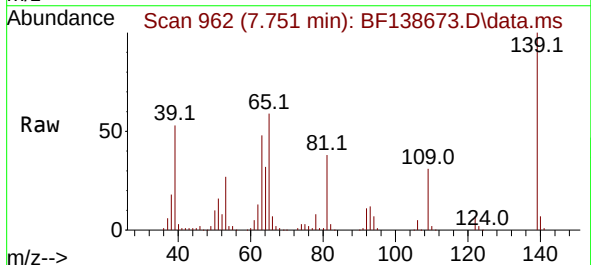
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

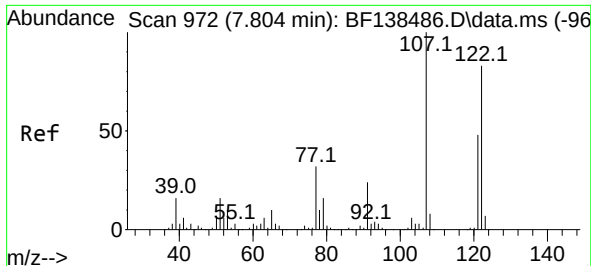
Tgt Ion: 82 Resp: 643079
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 16.6 12.8 19.2



#26
2-Nitrophenol
Concen: 47.616 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.017 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion:139 Resp: 154406
Ion Ratio Lower Upper
139 100
109 30.9 24.8 37.2
65 59.4 45.1 67.7

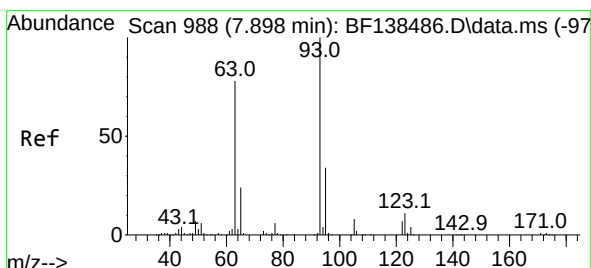
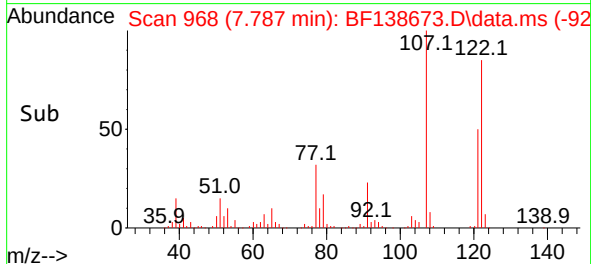
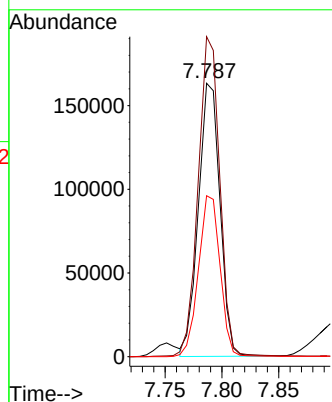
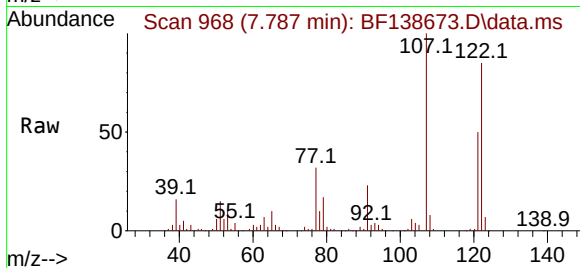




#27
2,4-Dimethylphenol
Concen: 54.186 ng
RT: 7.787 min Scan# 90
Delta R.T. -0.017 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

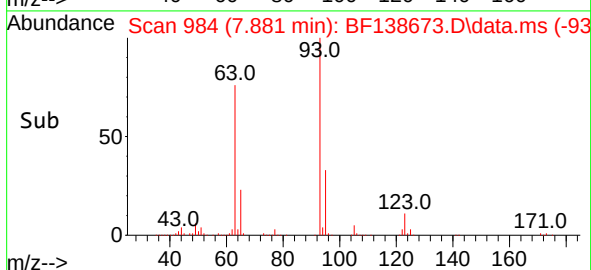
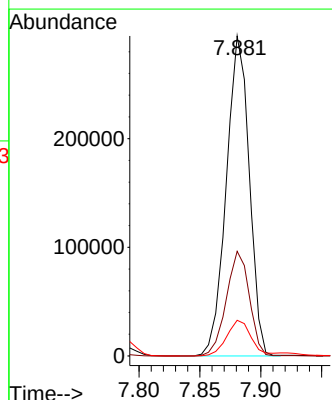
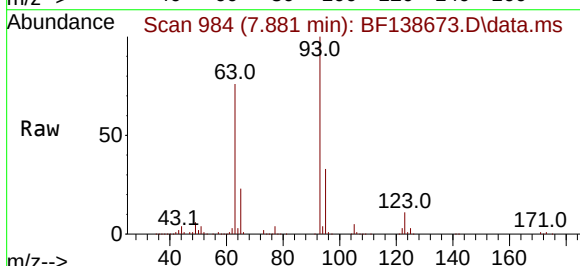
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

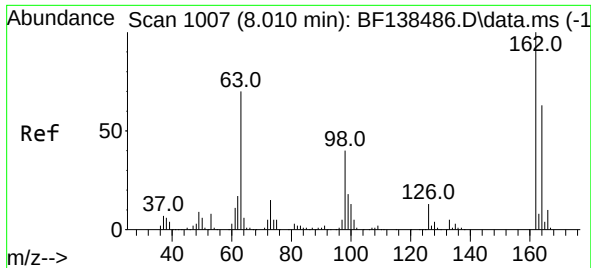
Tgt Ion:122 Resp: 215958
Ion Ratio Lower Upper
122 100
107 117.0 96.3 144.5
121 58.9 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 50.642 ng
RT: 7.881 min Scan# 984
Delta R.T. -0.017 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion: 93 Resp: 386958
Ion Ratio Lower Upper
93 100
95 32.7 27.0 40.6
123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 46.619 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.017 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MSD

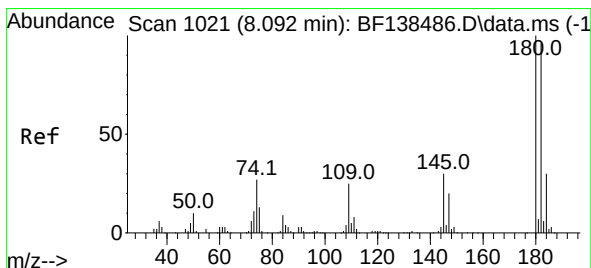
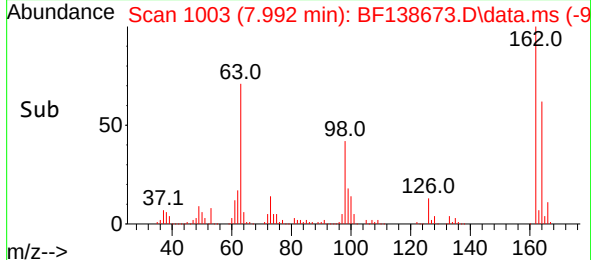
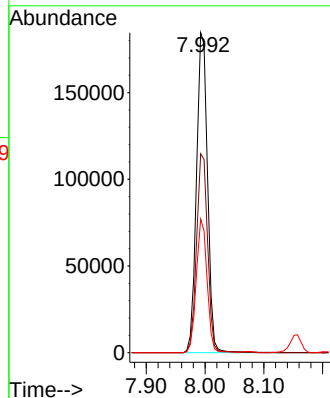
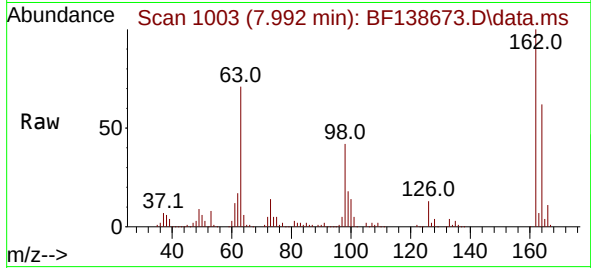
Tgt Ion:162 Resp: 241280

Ion Ratio Lower Upper

162 100

164 62.2 42.6 82.6

98 41.7 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 44.345 ng

RT: 8.075 min Scan# 1017

Delta R.T. -0.017 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

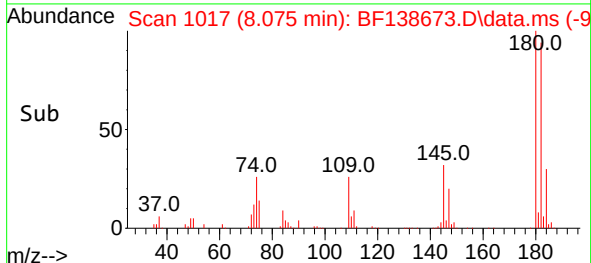
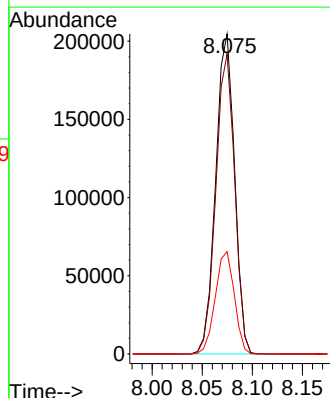
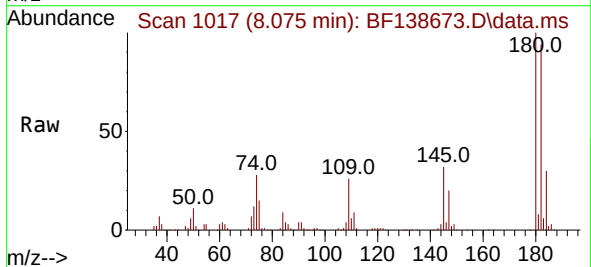
Tgt Ion:180 Resp: 267366

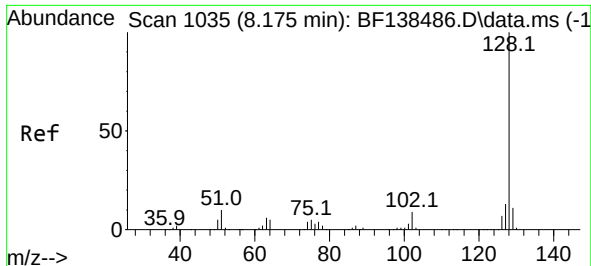
Ion Ratio Lower Upper

180 100

182 93.7 76.9 115.3

145 32.0 23.9 35.9

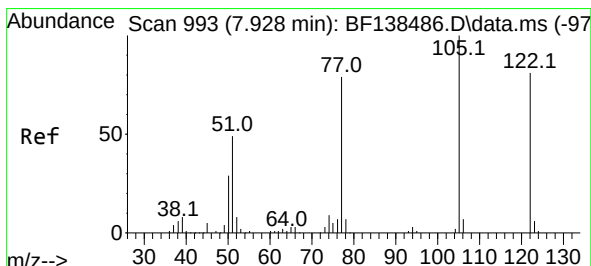
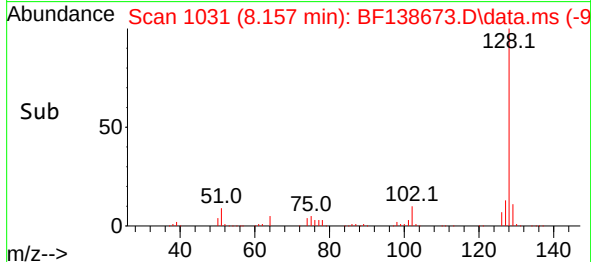
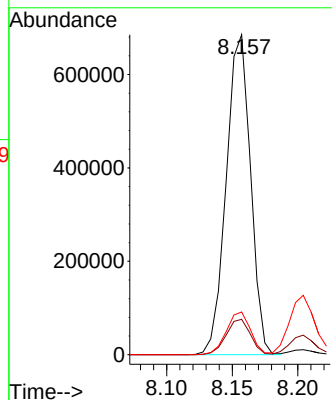
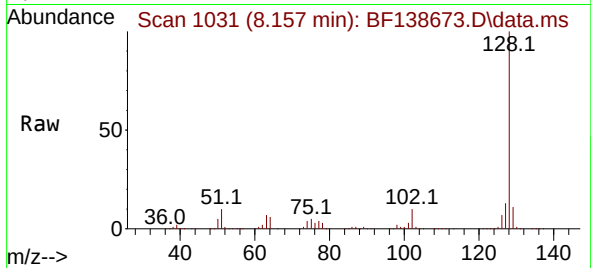




#31
Naphthalene
Concen: 46.426 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

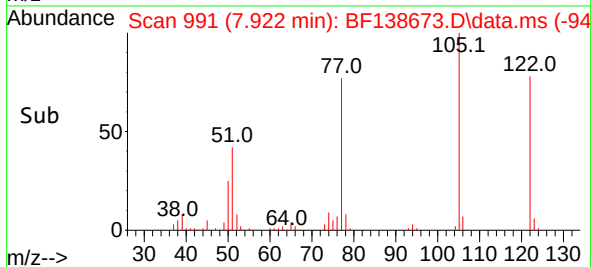
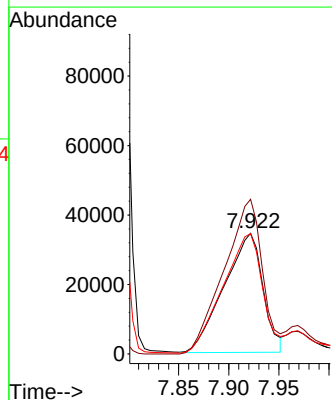
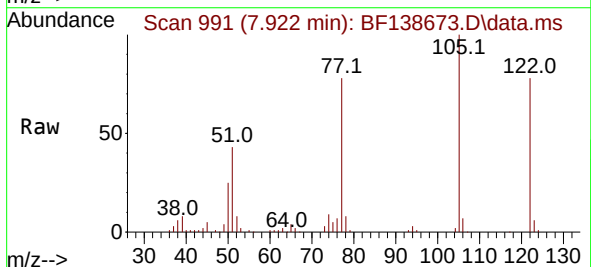
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

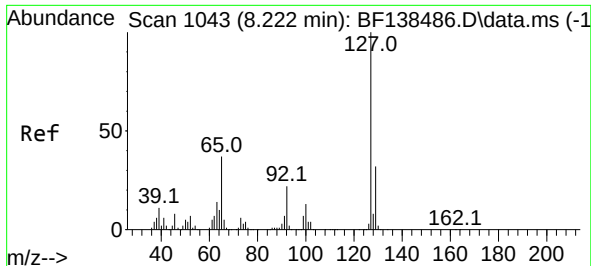
Tgt Ion:128 Resp: 882591
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 24.317 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion:122 Resp: 92434
Ion Ratio Lower Upper
122 100
105 128.2 101.5 141.5
77 99.8 77.3 117.3

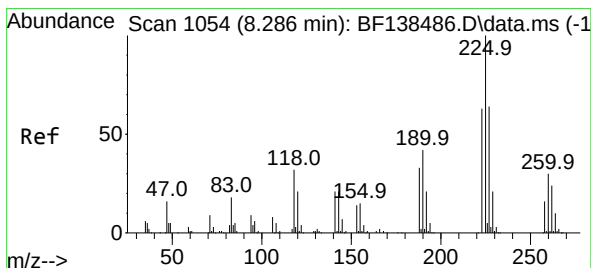
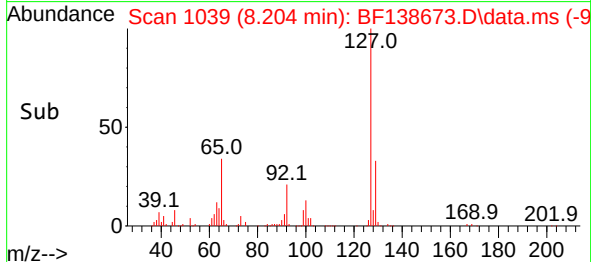
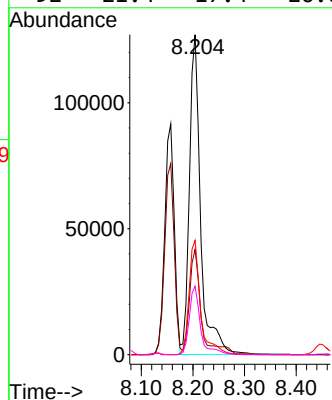
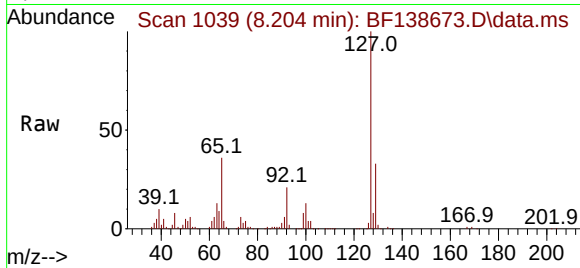




#33
4-Chloroaniline
Concen: 28.755 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.017 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

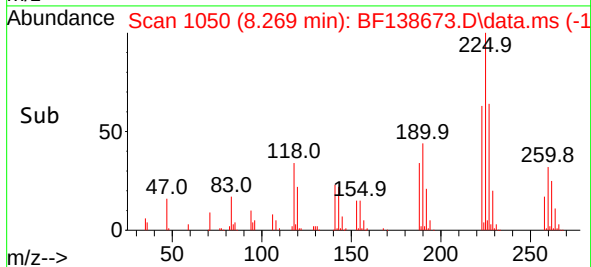
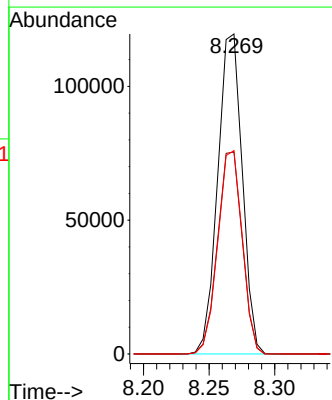
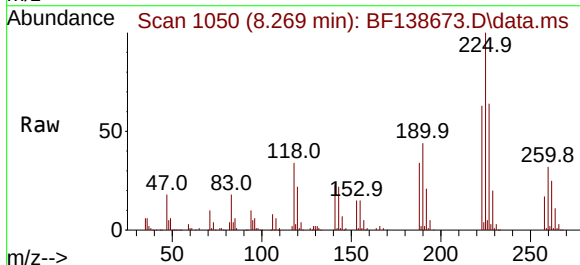
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

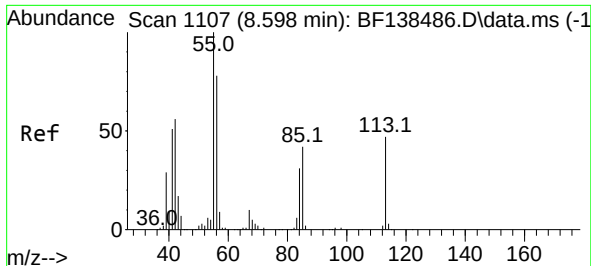
Tgt Ion:	127	Resp:	191808
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.6	38.4
65	35.7	29.6	44.4
92	21.4	17.4	26.0



#34
Hexachlorobutadiene
Concen: 41.925 ng
RT: 8.269 min Scan# 1050
Delta R.T. -0.017 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion:	225	Resp:	155656
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.0	75.0
227	63.5	51.0	76.6

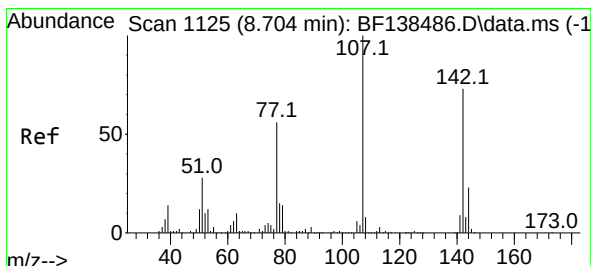
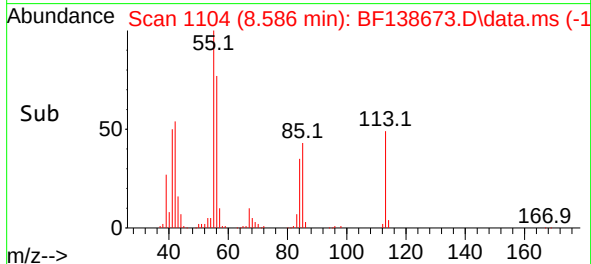
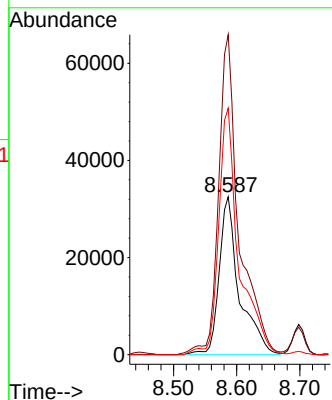
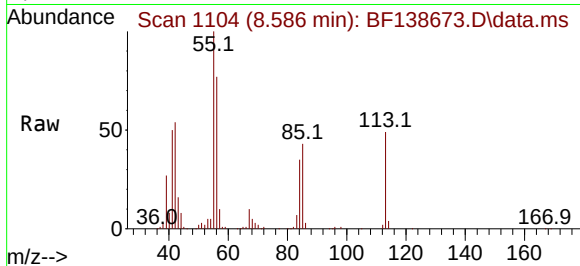




#35
 Caprolactam
 Concen: 43.281 ng
 RT: 8.586 min Scan# 1107
 Delta R.T. -0.012 min
 Lab File: BF138673.D
 Acq: 29 Jul 2024 17:12

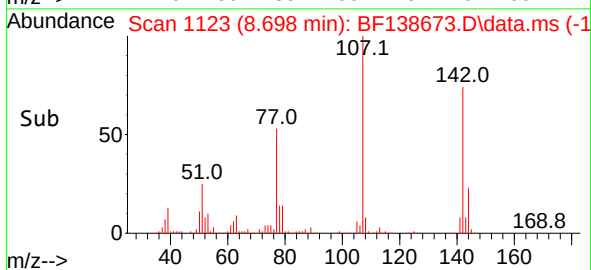
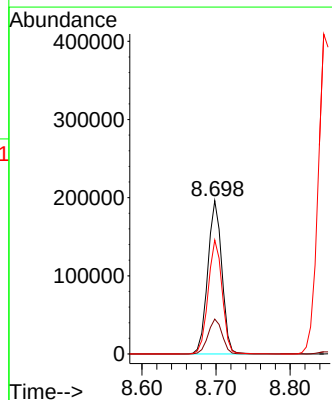
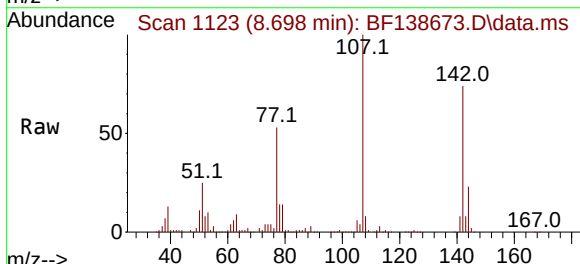
Instrument :
 BNA_F
 ClientSampleId :
 S-852-GI-SO-9.5-10-072624MSD

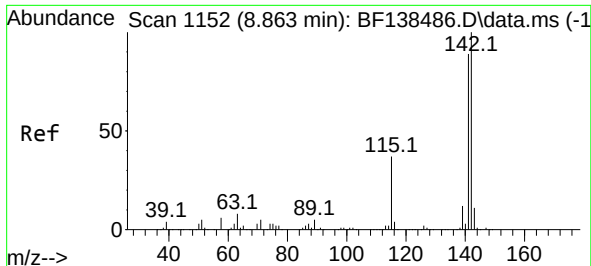
Tgt Ion:113 Resp: 72283
 Ion Ratio Lower Upper
 113 100
 55 202.6 192.5 232.5
 56 156.0 145.3 185.3



#36
 4-Chloro-3-methylphenol
 Concen: 44.956 ng
 RT: 8.698 min Scan# 1123
 Delta R.T. -0.006 min
 Lab File: BF138673.D
 Acq: 29 Jul 2024 17:12

Tgt Ion:107 Resp: 260481
 Ion Ratio Lower Upper
 107 100
 144 22.7 18.6 27.8
 142 74.3 58.6 88.0

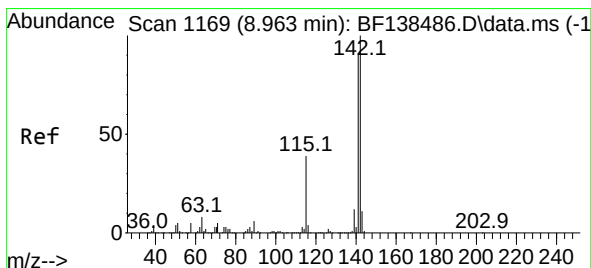
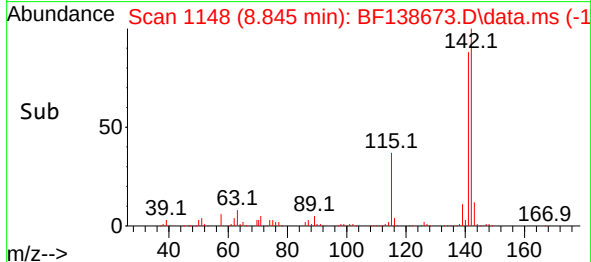
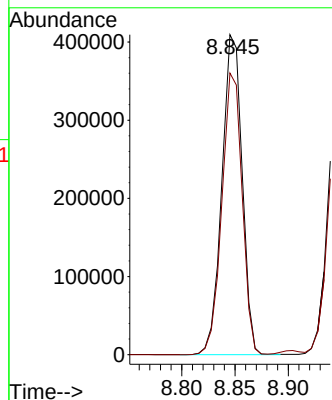
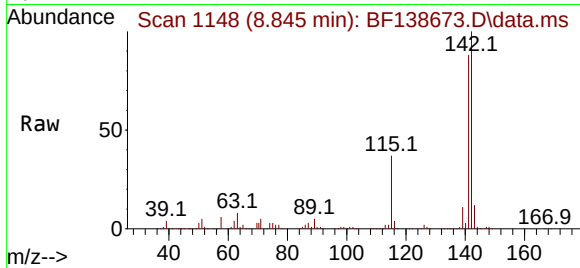




#37
2-Methylnaphthalene
Concen: 44.094 ng
RT: 8.845 min Scan# 1152
Delta R.T. -0.017 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

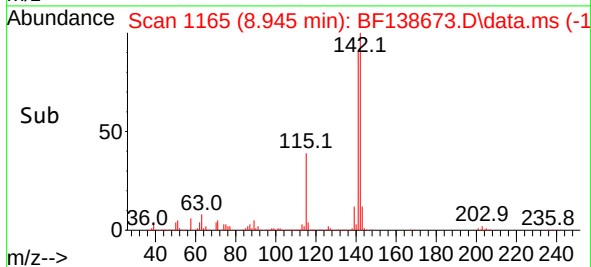
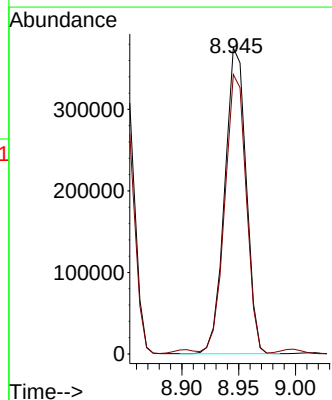
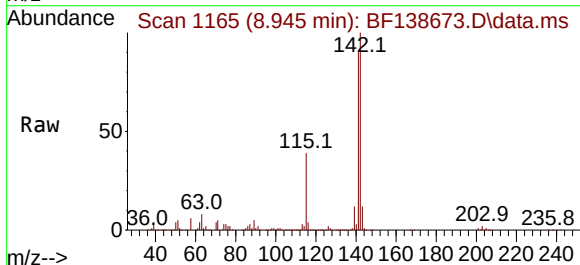
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

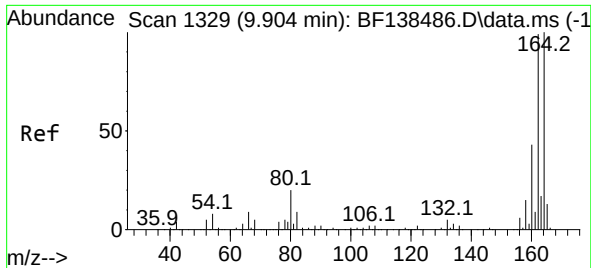
Tgt Ion:142 Resp: 539453
Ion Ratio Lower Upper
142 100
141 88.0 71.4 107.0



#38
1-Methylnaphthalene
Concen: 41.315 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.017 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion:142 Resp: 493299
Ion Ratio Lower Upper
142 100
141 91.2 72.6 108.8

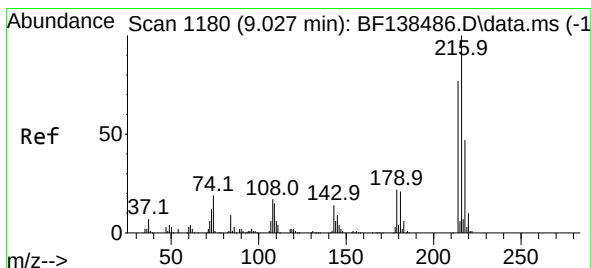
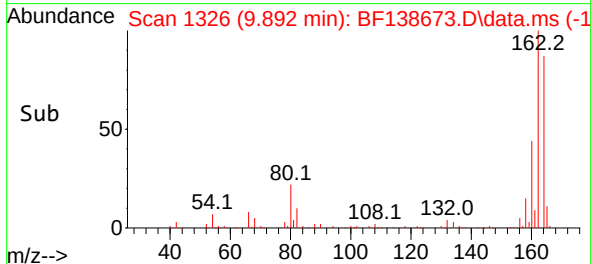
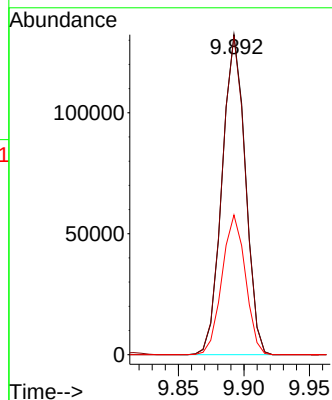
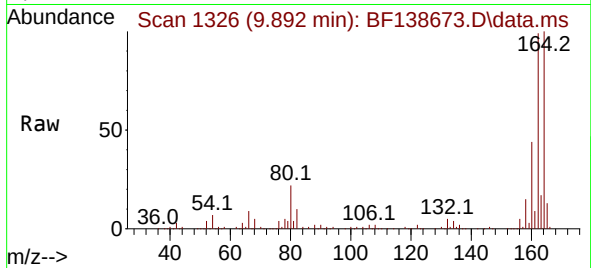




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

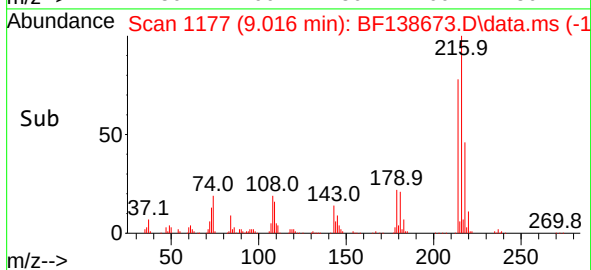
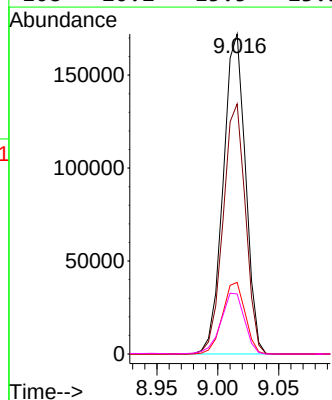
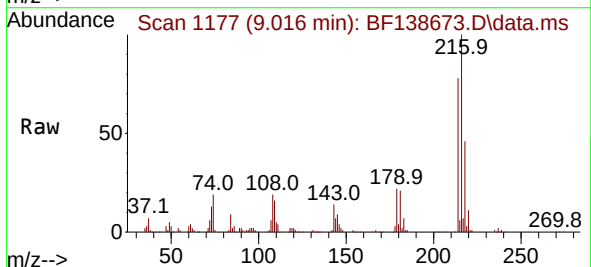
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

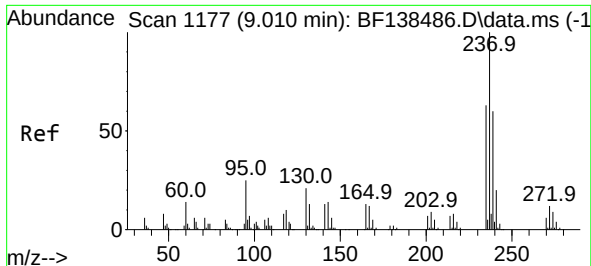
Tgt Ion:164 Resp: 162846
Ion Ratio Lower Upper
164 100
162 99.5 79.0 118.6
160 43.7 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.362 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion:216 Resp: 219497
Ion Ratio Lower Upper
216 100
214 78.3 62.8 94.2
179 22.7 17.7 26.5
108 20.2 15.5 23.3

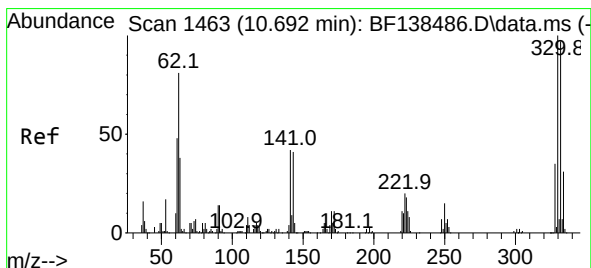
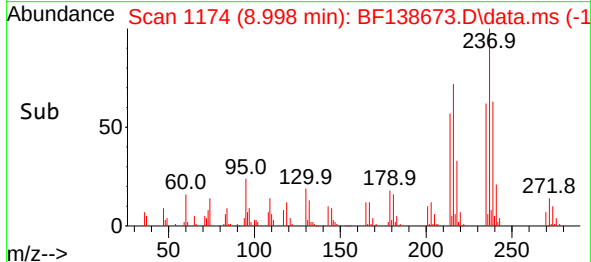
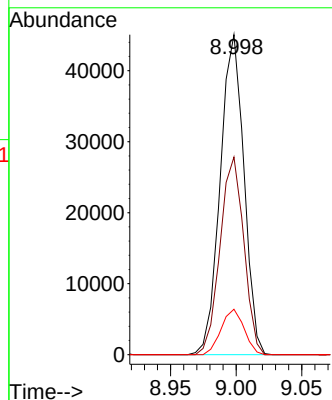
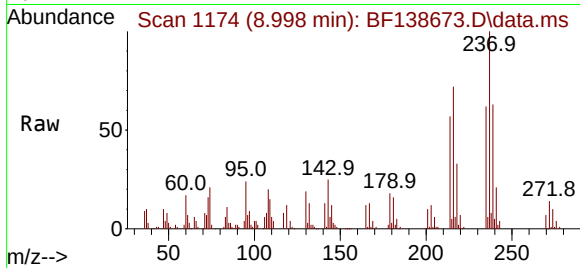




#41
Hexachlorocyclopentadiene
Concen: 38.461 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

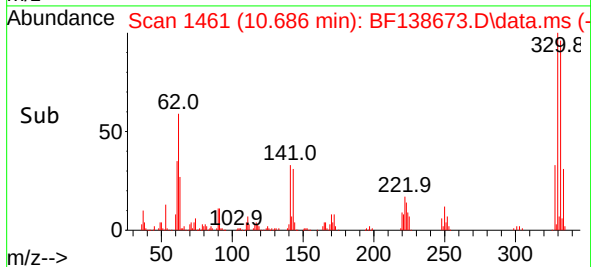
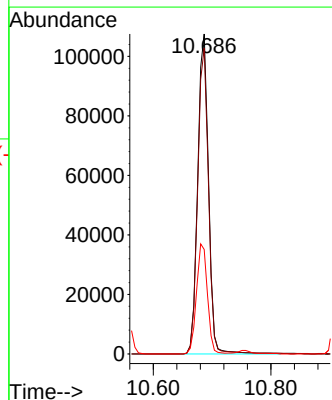
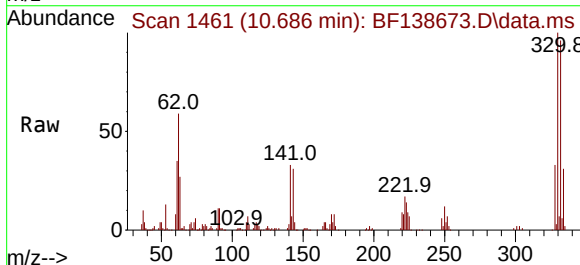
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

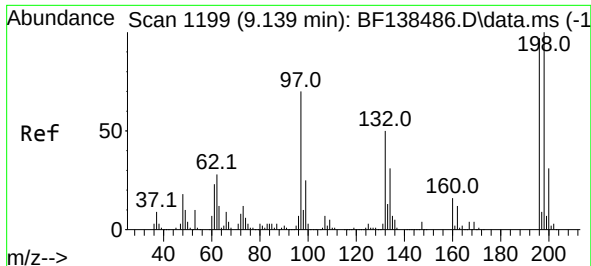
Tgt Ion:237	Resp:	56659
Ion Ratio	Lower	Upper
237	100	
235	61.8	43.3 83.3
272	14.2	0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 90.420 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion:330	Resp:	137616
Ion Ratio	Lower	Upper
330	100	
332	95.4	76.8 115.2
141	34.6	29.4 44.2

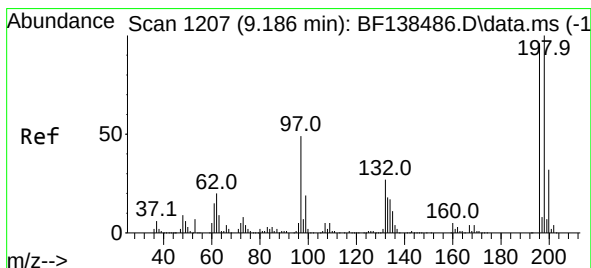
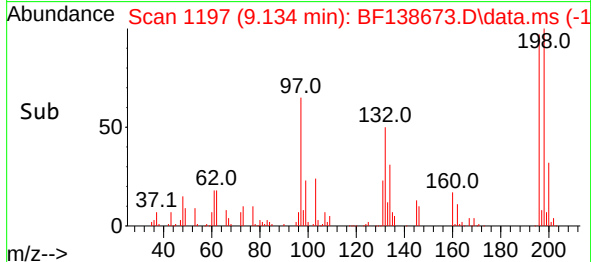
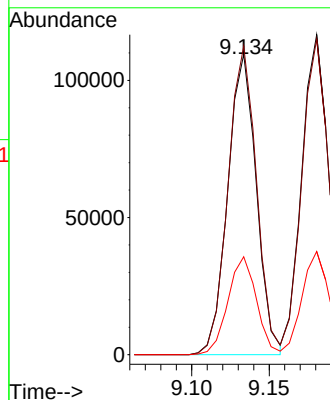
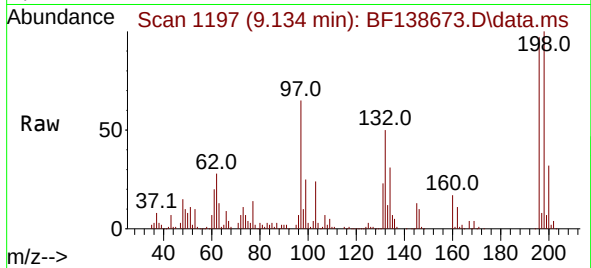




#43
2,4,6-Trichlorophenol
Concen: 48.496 ng
RT: 9.134 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

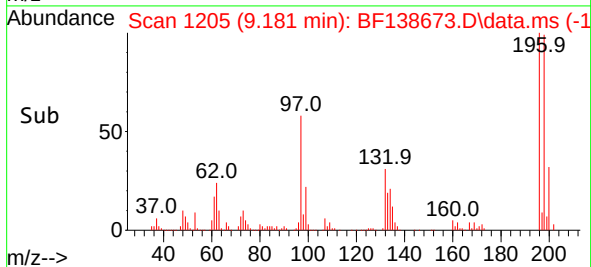
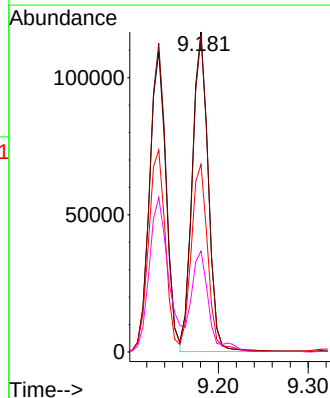
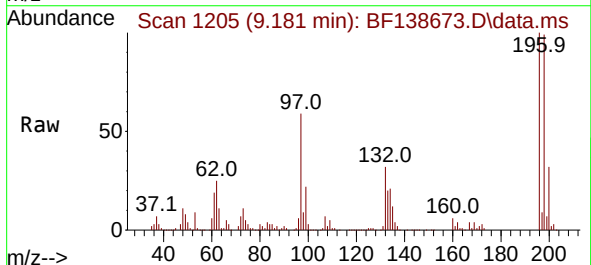
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

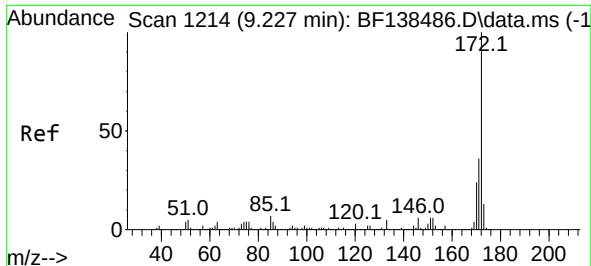
Tgt Ion:196 Resp: 140402
Ion Ratio Lower Upper
196 100
198 102.7 82.3 123.5
200 32.6 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 45.131 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion:196 Resp: 143708
Ion Ratio Lower Upper
196 100
198 98.7 82.8 124.2
97 58.6 41.0 61.4
132 31.5 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 75.874 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF138673.D

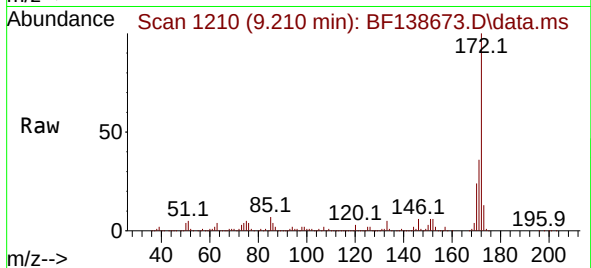
Acq: 29 Jul 2024 17:12

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MSD



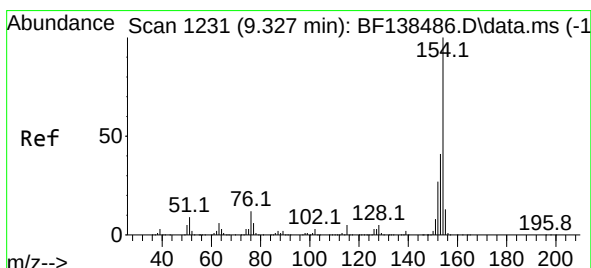
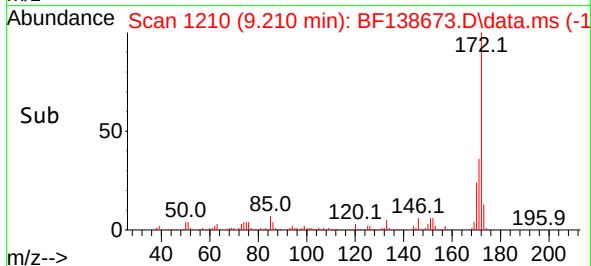
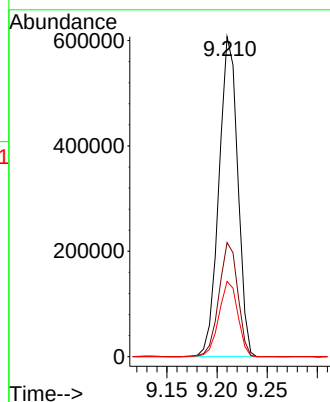
Tgt Ion:172 Resp: 790560

Ion Ratio Lower Upper

172 100

171 35.7 28.9 43.3

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 48.416 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.012 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

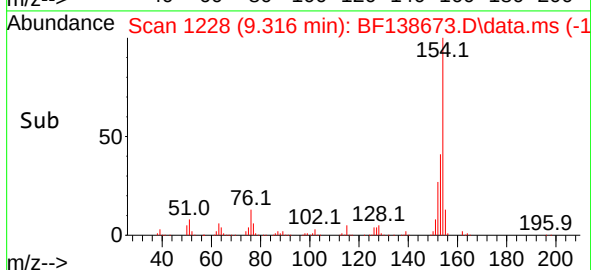
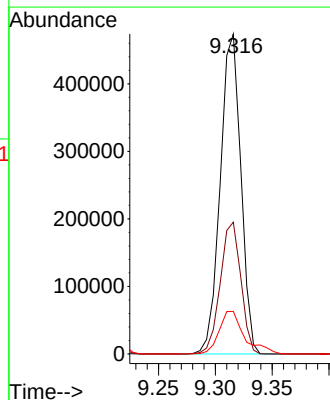
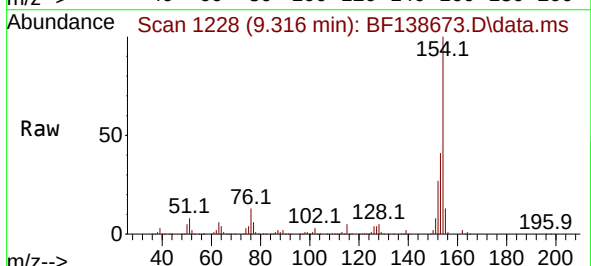
Tgt Ion:154 Resp: 597510

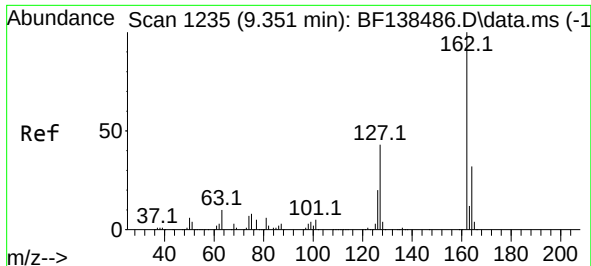
Ion Ratio Lower Upper

154 100

153 41.2 20.7 60.7

76 13.3 0.0 32.2





#47

2-Chloronaphthalene

Concen: 49.418 ng

RT: 9.339 min Scan# 1232

Delta R.T. -0.012 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MSD

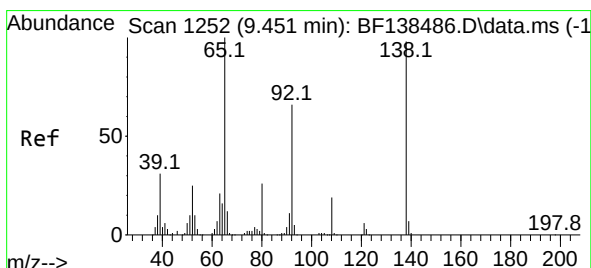
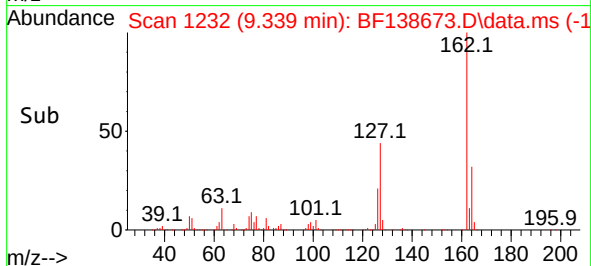
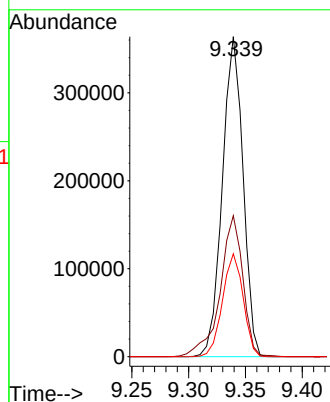
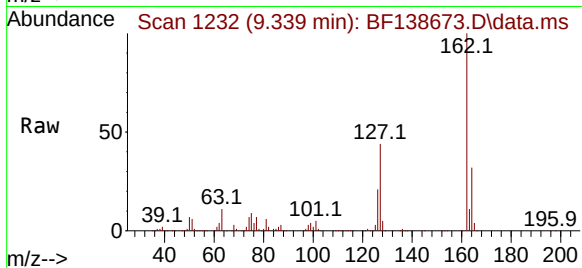
Tgt Ion:162 Resp: 460738

Ion Ratio Lower Upper

162 100

127 44.1 34.8 52.2

164 32.2 25.6 38.4



#48

2-Nitroaniline

Concen: 51.998 ng

RT: 9.439 min Scan# 1249

Delta R.T. -0.012 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

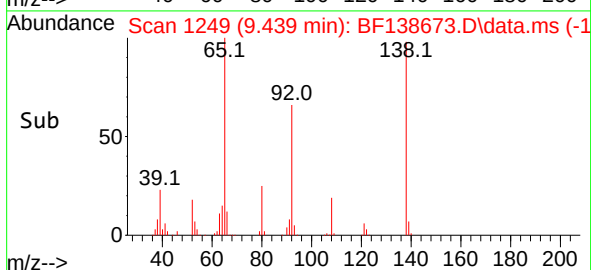
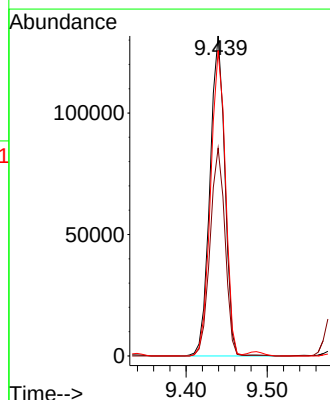
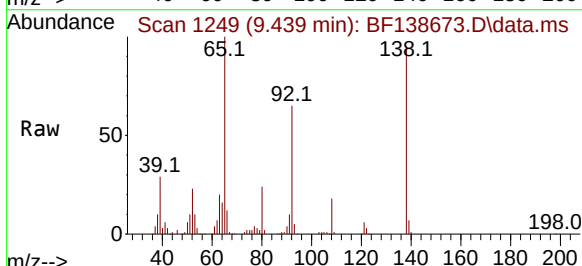
Tgt Ion: 65 Resp: 167994

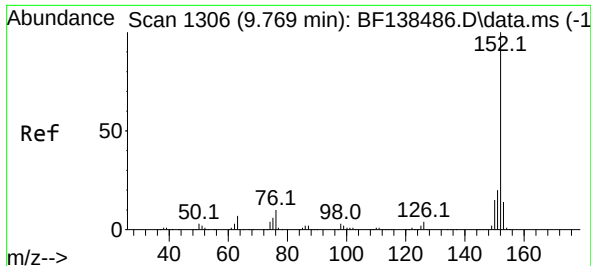
Ion Ratio Lower Upper

65 100

92 65.0 52.6 78.8

138 95.5 78.6 118.0





#49

Acenaphthylene

Concen: 52.085 ng

RT: 9.757 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138673.D

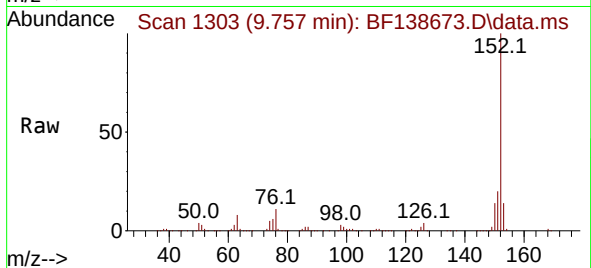
Acq: 29 Jul 2024 17:12

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MSD



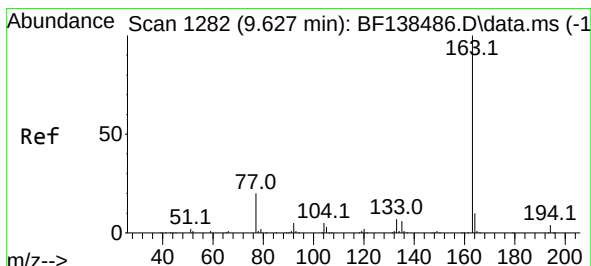
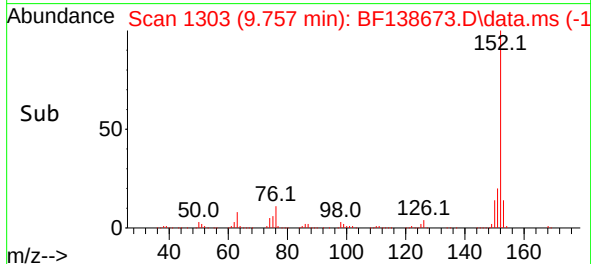
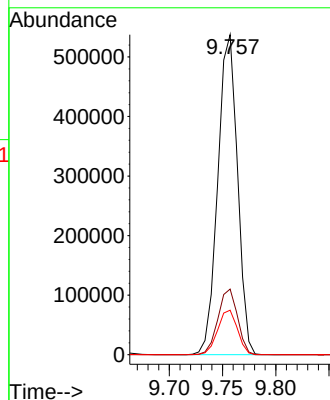
Tgt Ion:152 Resp: 689438

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.9 11.3 16.9



#50

Dimethylphthalate

Concen: 53.878 ng

RT: 9.616 min Scan# 1279

Delta R.T. -0.012 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

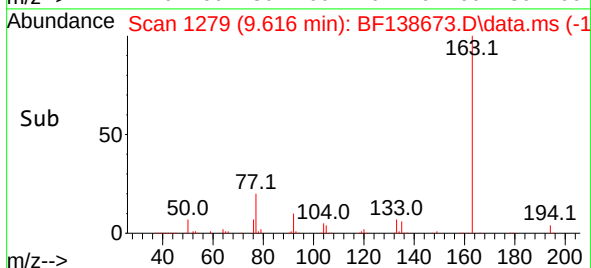
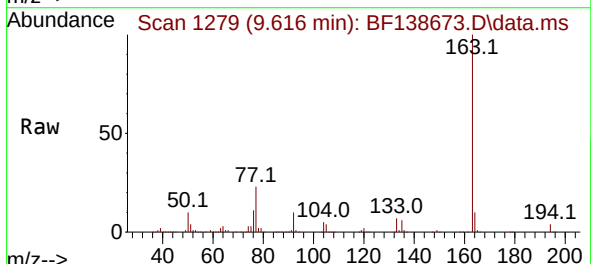
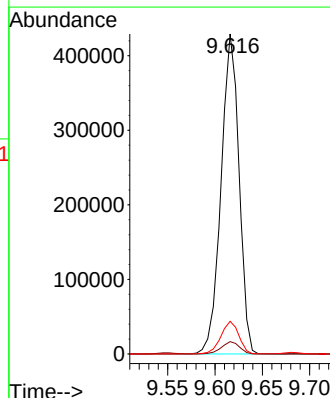
Tgt Ion:163 Resp: 567330

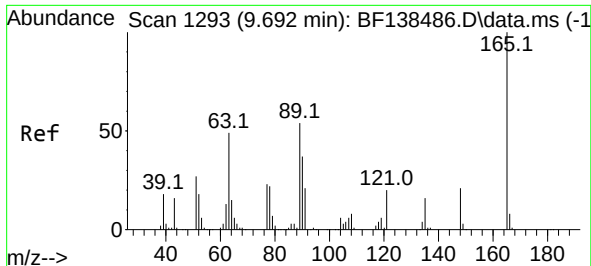
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.2 8.1 12.1

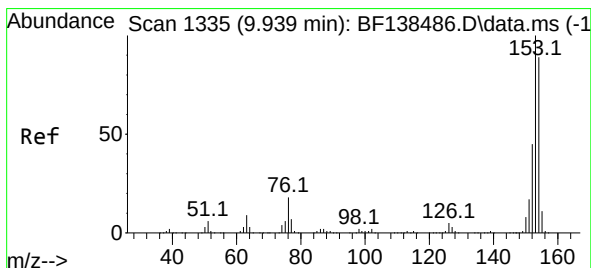
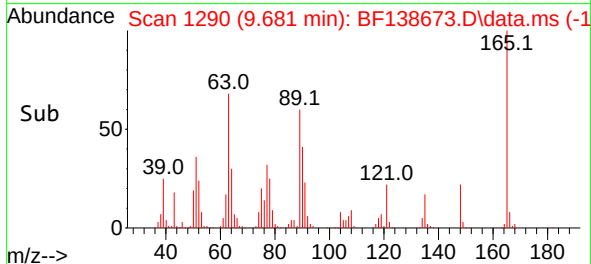
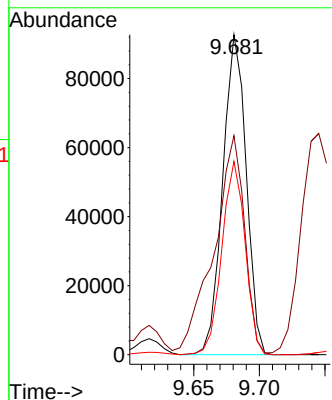
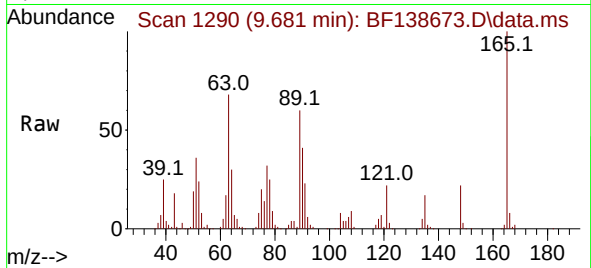




#51
2,6-Dinitrotoluene
Concen: 47.468 ng
RT: 9.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

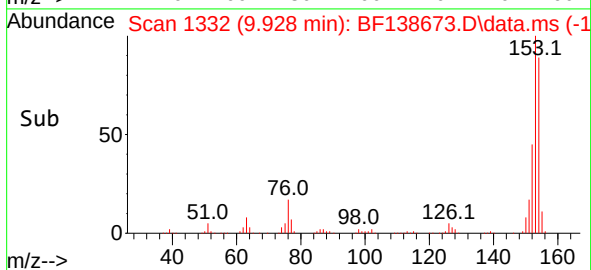
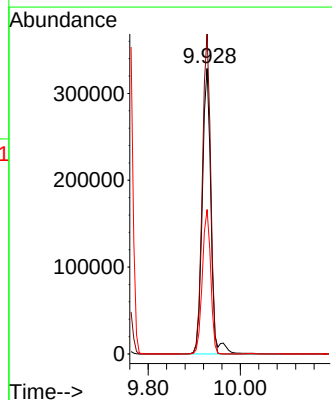
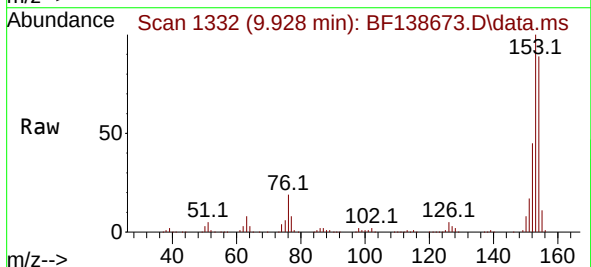
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

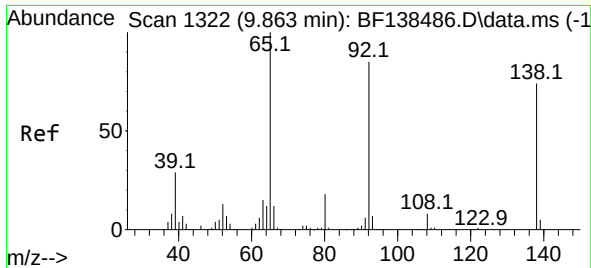
Tgt Ion:165 Resp: 115085
Ion Ratio Lower Upper
165 100
63 68.5 48.1 72.1
89 60.4 43.0 64.6



#52
Acenaphthene
Concen: 49.100 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion:154 Resp: 432018
Ion Ratio Lower Upper
154 100
153 112.0 90.4 135.6
152 50.6 41.1 61.7

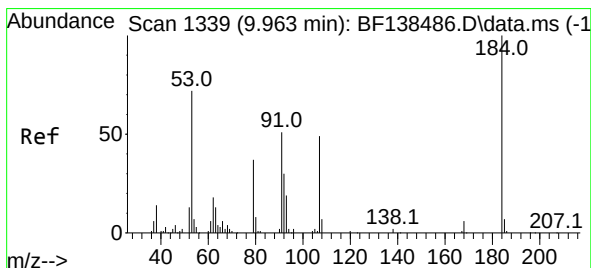
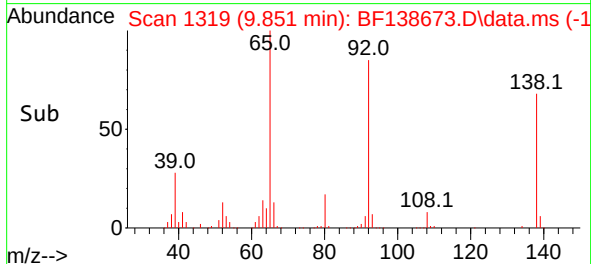
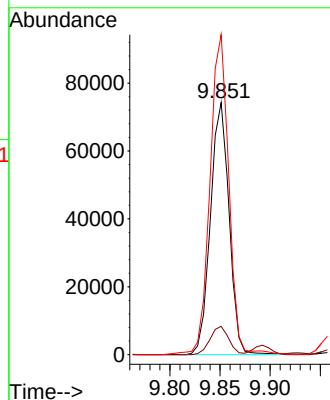
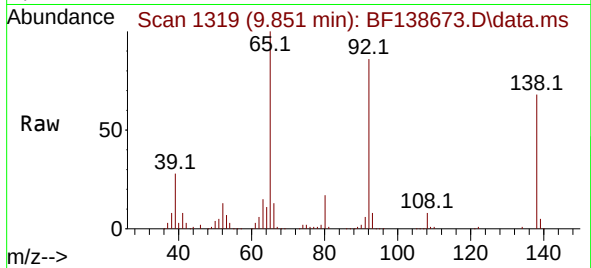




#53
3-Nitroaniline
Concen: 38.596 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

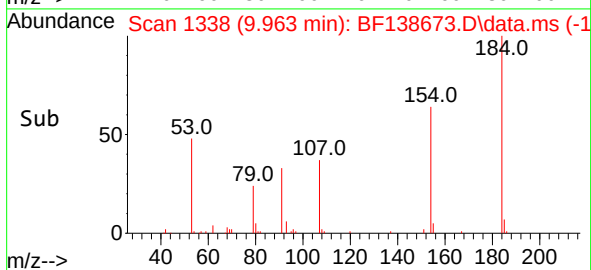
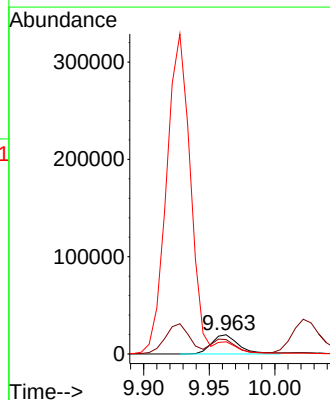
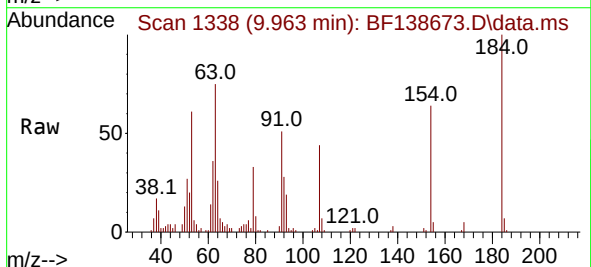
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

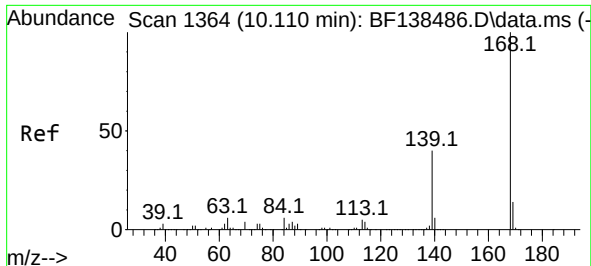
Tgt Ion:138	Resp:	95908
Ion	Ratio	Lower Upper
138	100	
108	11.2	8.3 12.5
92	126.9	92.6 138.8



#54
2,4-Dinitrophenol
Concen: 25.335 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion:184	Resp:	28559
Ion	Ratio	Lower Upper
184	100	
63	75.0	70.6 106.0
154	63.5	53.8 80.6

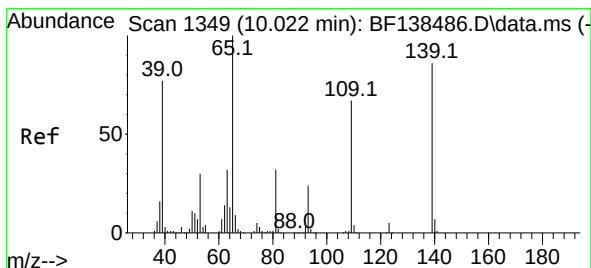
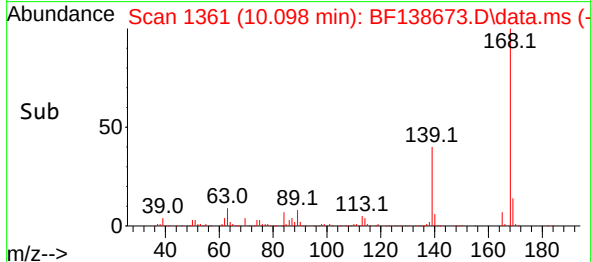
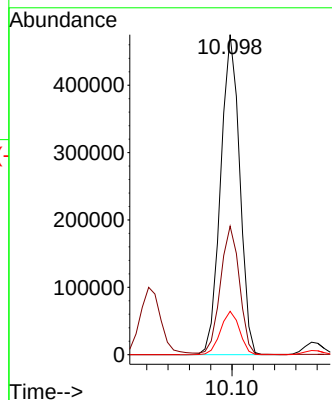
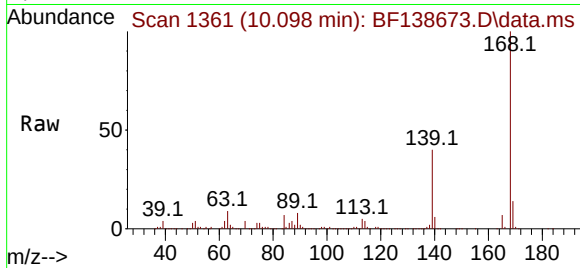




#55
Dibenzofuran
Concen: 46.083 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

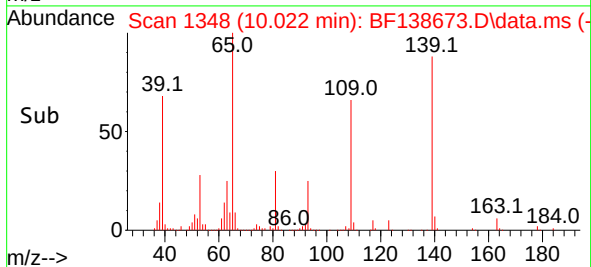
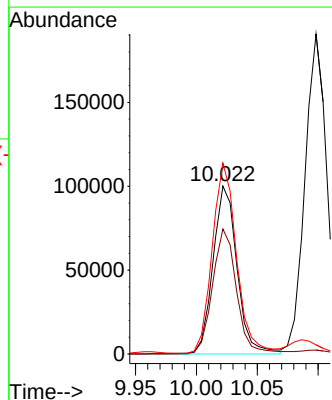
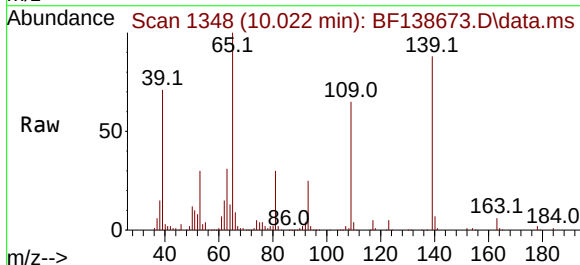
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

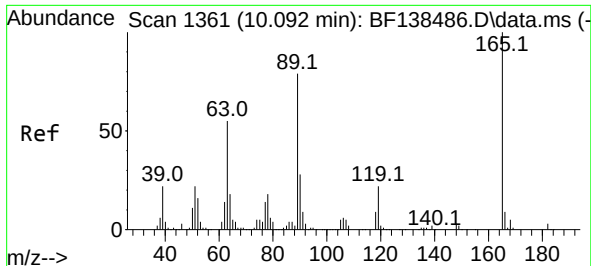
Tgt Ion:168 Resp: 588126
Ion Ratio Lower Upper
168 100
139 40.2 32.4 48.6
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 74.821 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion:139 Resp: 137187
Ion Ratio Lower Upper
139 100
109 74.5 58.1 98.1
65 113.8 96.9 136.9

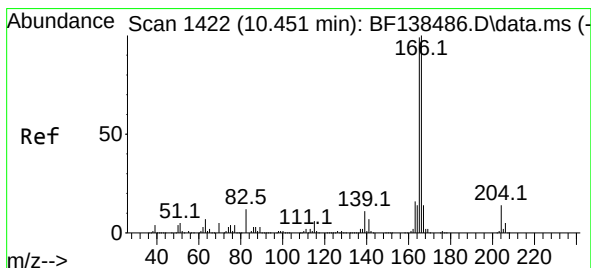
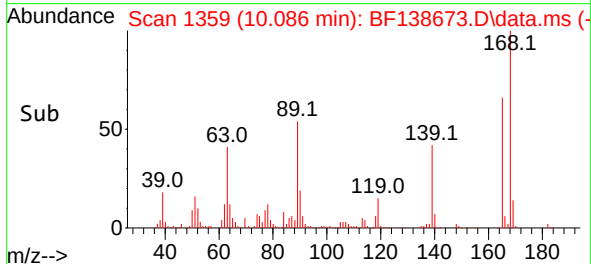
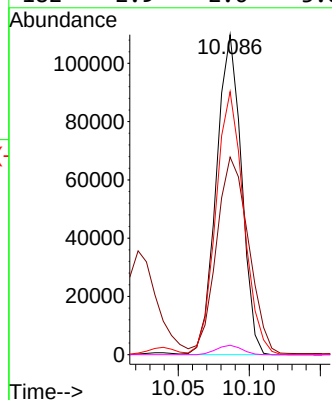
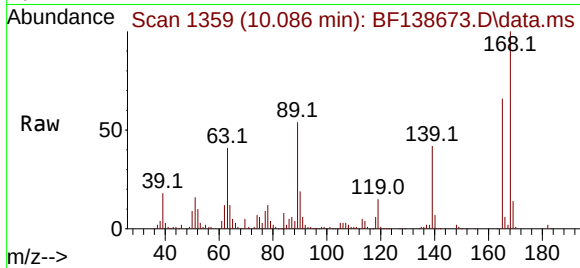




#57
2,4-Dinitrotoluene
Concen: 43.054 ng
RT: 10.086 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

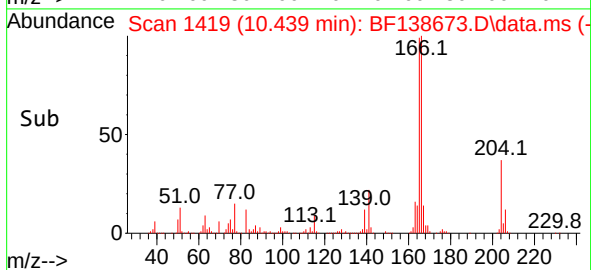
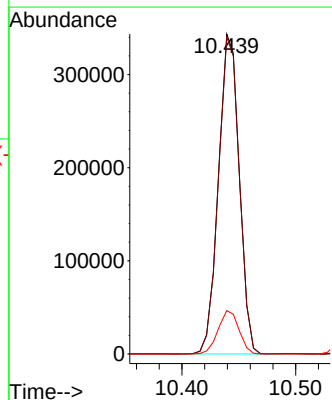
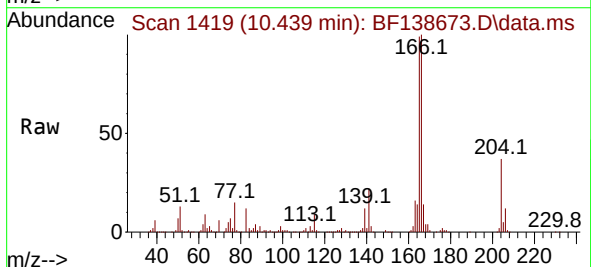
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

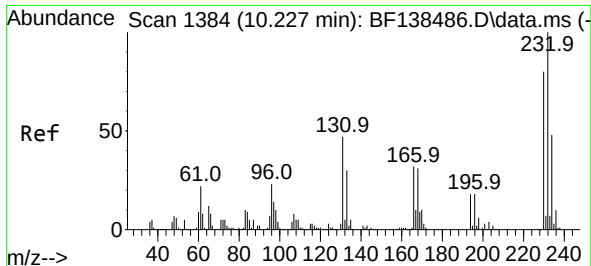
Tgt Ion:165 Resp: 135059
Ion Ratio Lower Upper
165 100
63 61.8 44.6 66.8
89 82.2 63.4 95.2
182 2.9 2.6 3.8



#58
Fluorene
Concen: 43.291 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion:166 Resp: 437162
Ion Ratio Lower Upper
166 100
165 99.0 79.1 118.7
167 13.6 11.0 16.6

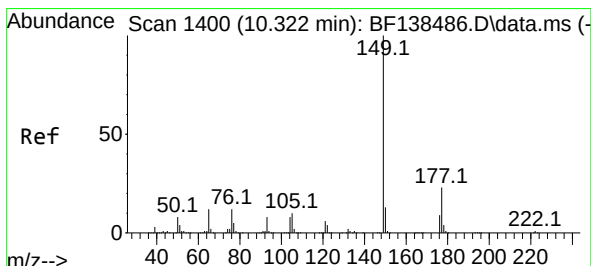
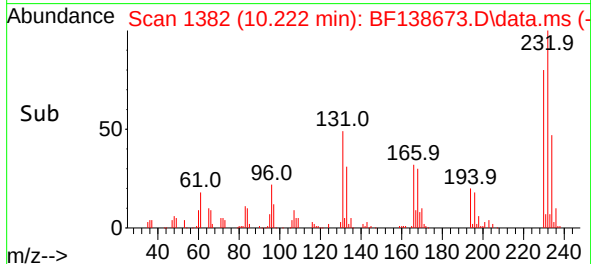
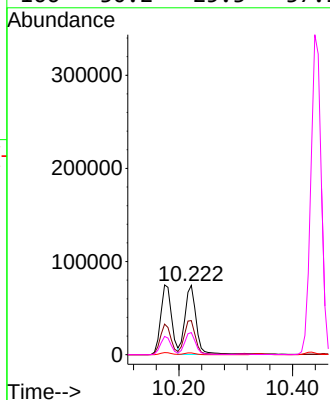
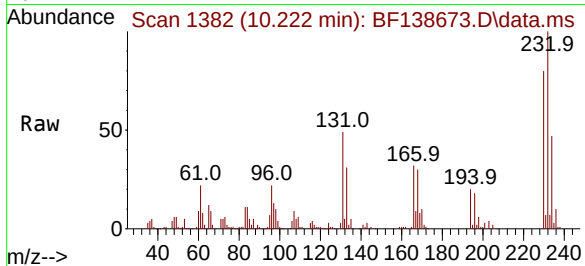




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.443 ng
RT: 10.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

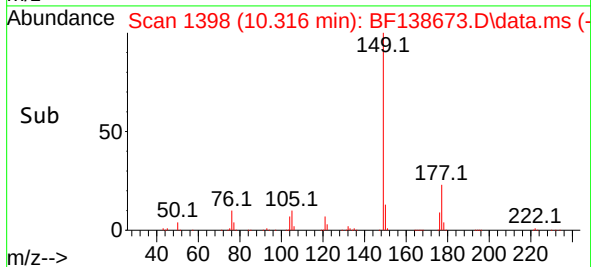
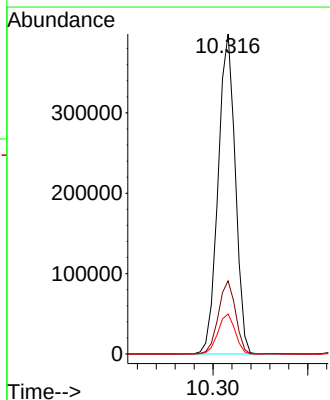
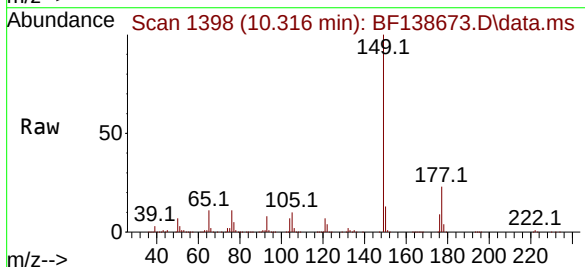
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

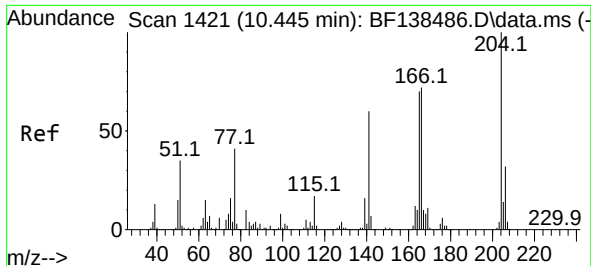
Tgt Ion:232 Resp: 101634
Ion Ratio Lower Upper
232 100
131 47.7 37.5 56.3
130 2.5 2.0 3.0
166 30.2 25.3 37.9



#60
Diethylphthalate
Concen: 49.434 ng
RT: 10.316 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion:149 Resp: 501817
Ion Ratio Lower Upper
149 100
177 22.9 18.5 27.7
150 12.5 10.3 15.5

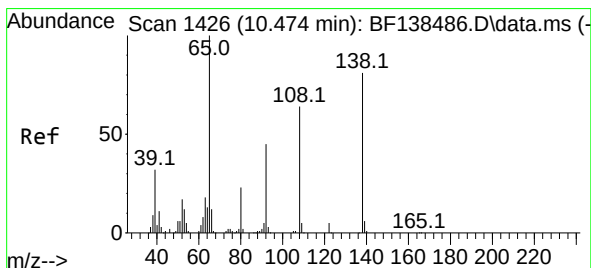
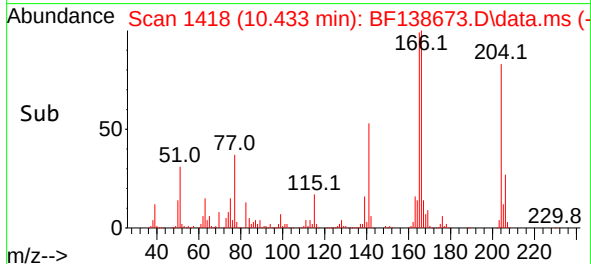
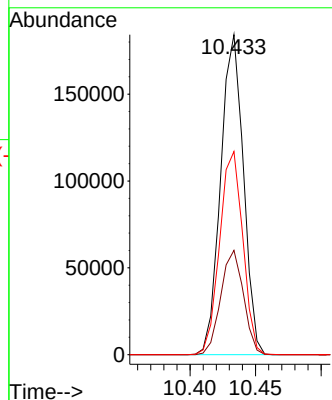
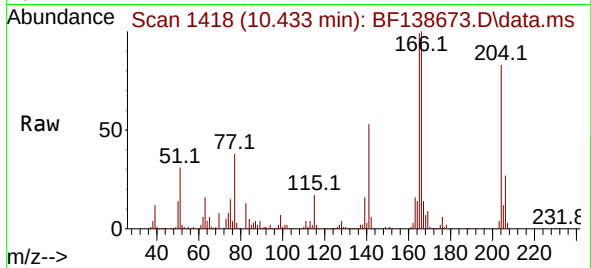




#61
4-Chlorophenyl-phenylether
Concen: 43.834 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

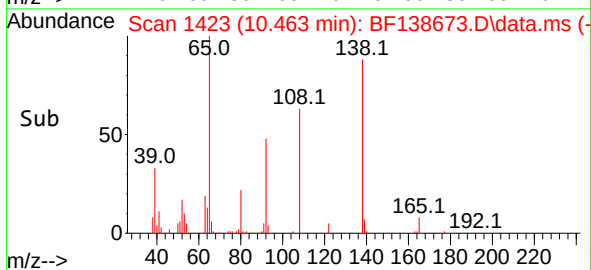
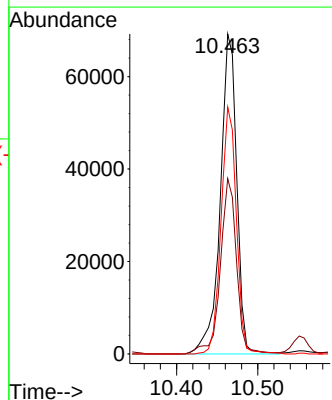
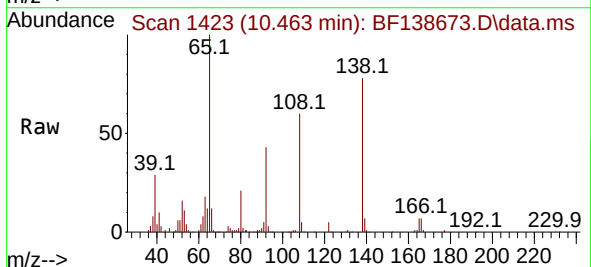
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

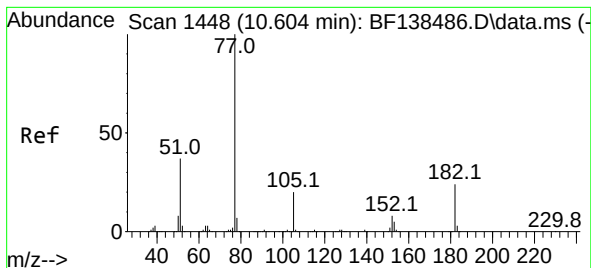
Tgt Ion:204 Resp: 222271
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 63.5 47.7 71.5



#62
4-Nitroaniline
Concen: 39.320 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion:138 Resp: 97911
Ion Ratio Lower Upper
138 100
92 54.8 35.8 75.8
108 77.2 59.8 99.8





#63

Azobenzene

Concen: 45.195 ng

RT: 10.592 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MSD

Tgt Ion: 77 Resp: 493261

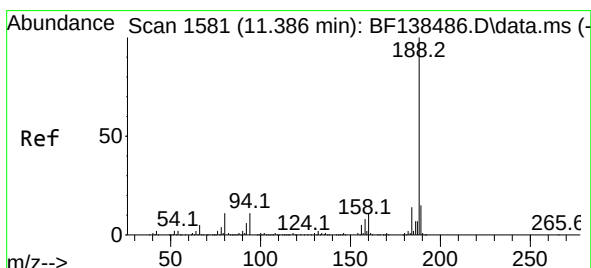
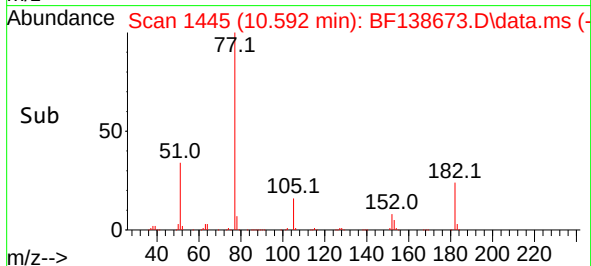
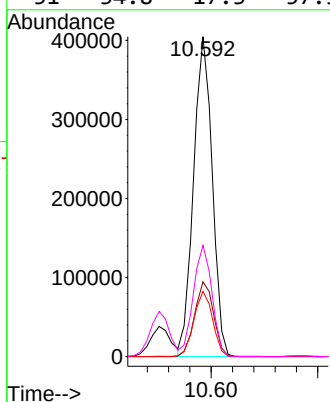
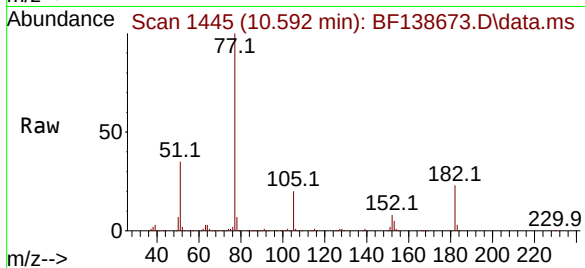
Ion Ratio Lower Upper

77 100

182 23.4 3.8 43.8

105 20.4 0.0 39.8

51 34.8 17.3 57.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1579

Delta R.T. -0.006 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

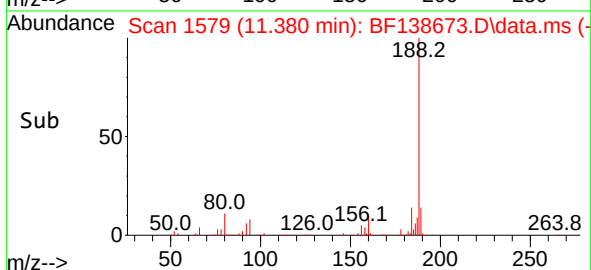
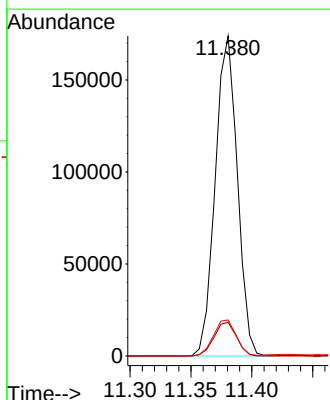
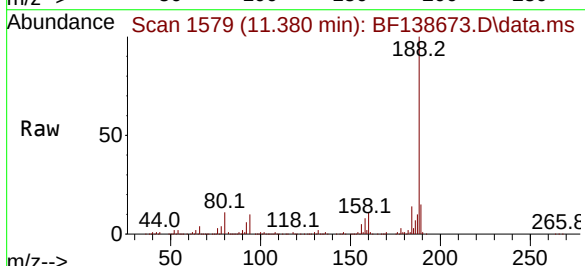
Tgt Ion:188 Resp: 219571

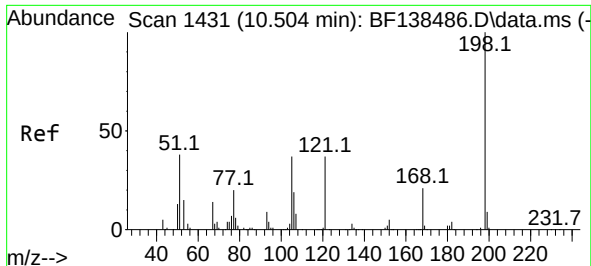
Ion Ratio Lower Upper

188 100

94 10.5 8.7 13.1

80 11.2 9.0 13.4

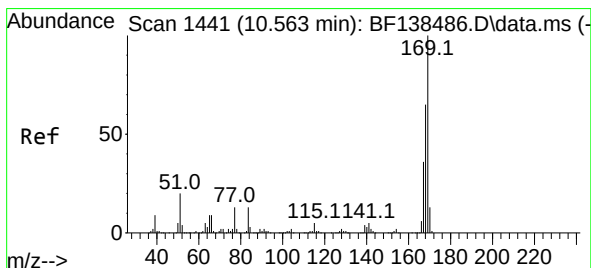
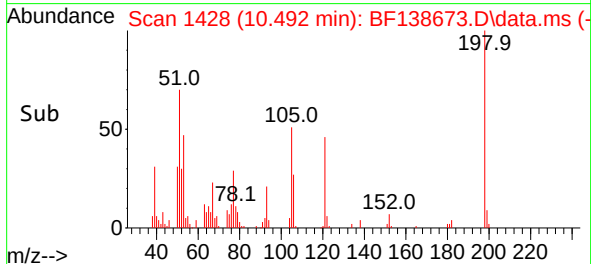
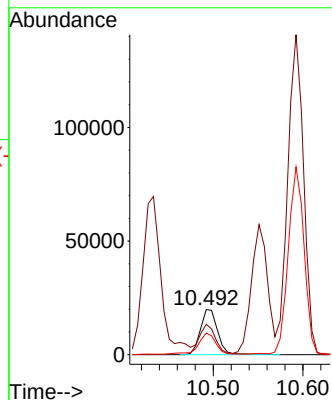
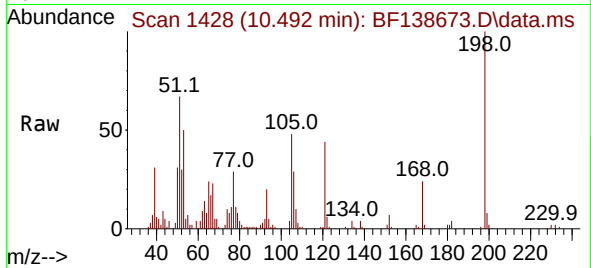




#65
4,6-Dinitro-2-methylphenol
Concen: 20.921 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

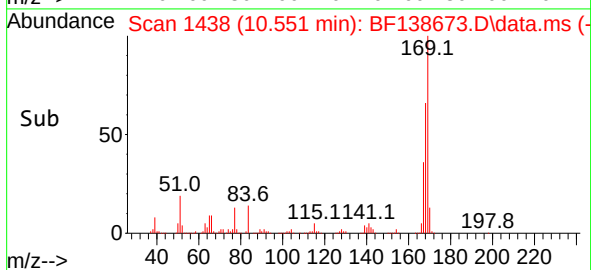
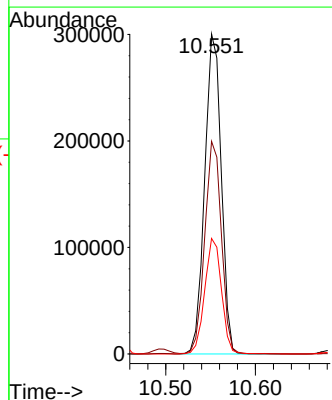
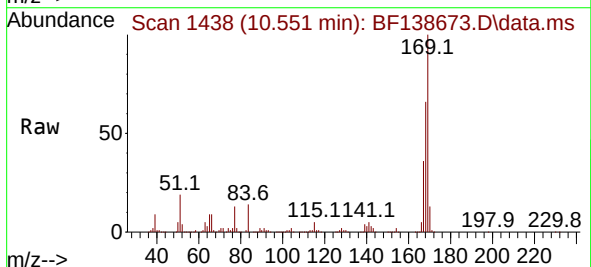
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

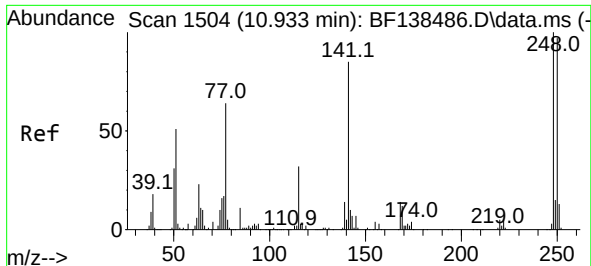
Tgt Ion:198 Resp: 26524
Ion Ratio Lower Upper
198 100
51 67.3 27.2 67.2#
105 48.0 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 58.456 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion:169 Resp: 384550
Ion Ratio Lower Upper
169 100
168 66.5 51.7 77.5
167 36.1 28.5 42.7

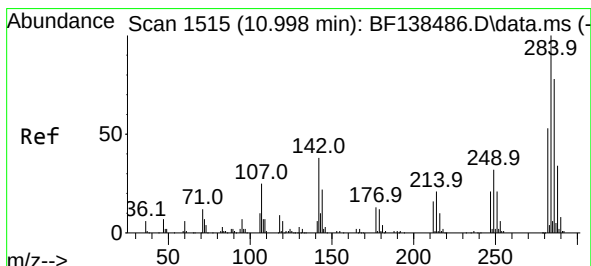
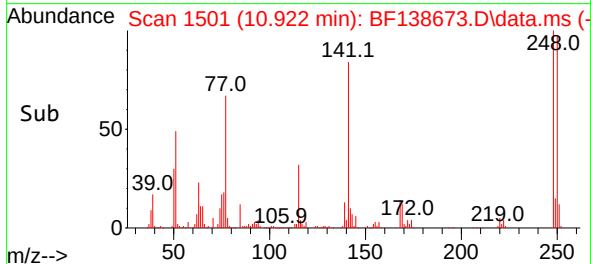
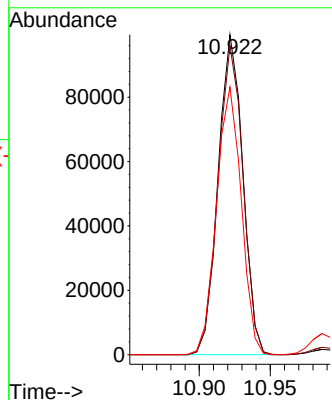
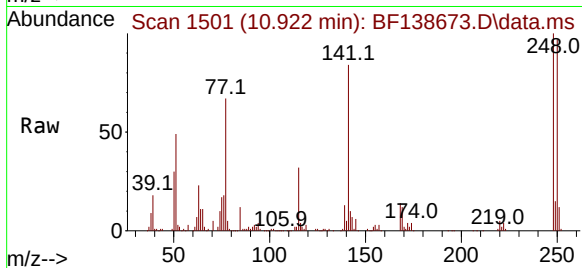




#67
4-Bromophenyl-phenylether
Concen: 53.314 ng
RT: 10.922 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

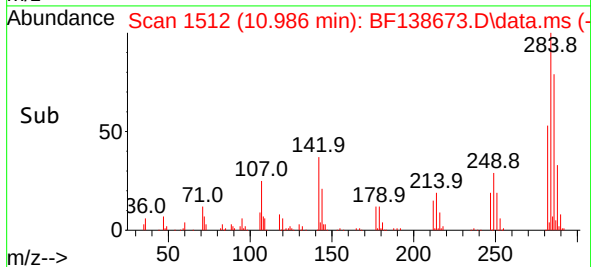
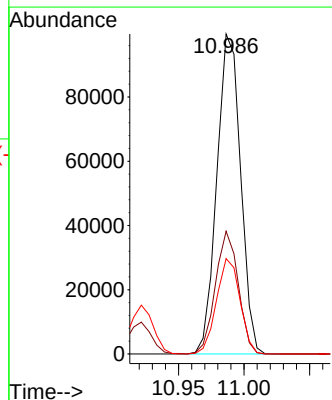
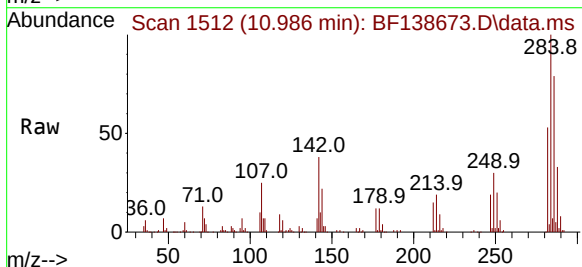
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

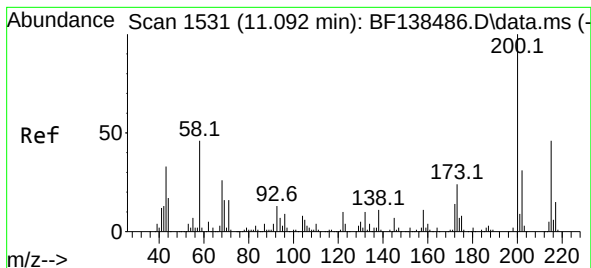
Tgt Ion:248 Resp: 120318
Ion Ratio Lower Upper
248 100
250 96.5 77.9 116.9
141 83.6 67.7 101.5



#68
Hexachlorobenzene
Concen: 49.917 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion:284 Resp: 125147
Ion Ratio Lower Upper
284 100
142 38.3 30.5 45.7
249 29.8 25.9 38.9





#69

Atrazine

Concen: 49.491 ng

RT: 11.080 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MSD

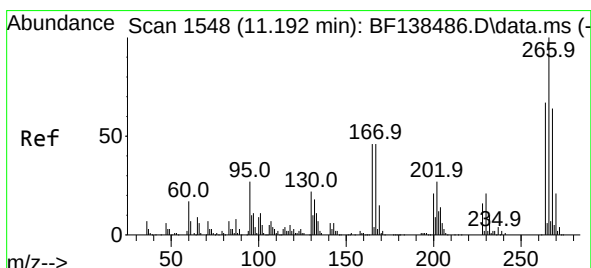
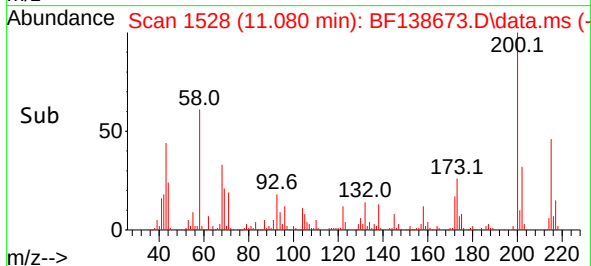
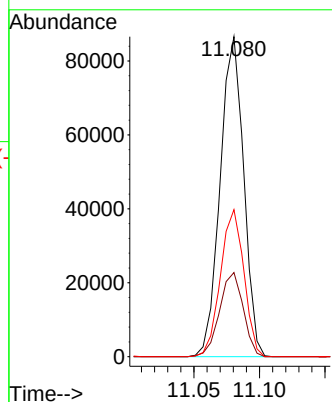
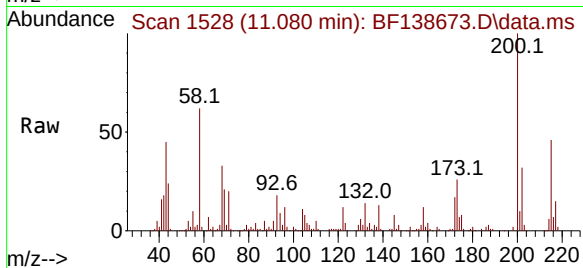
Tgt Ion:200 Resp: 107943

Ion Ratio Lower Upper

200 100

173 26.3 4.1 44.1

215 45.9 26.5 66.5



#70

Pentachlorophenol

Concen: 81.468 ng

RT: 11.186 min Scan# 1546

Delta R.T. -0.006 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

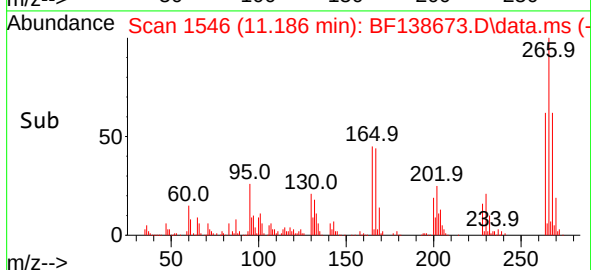
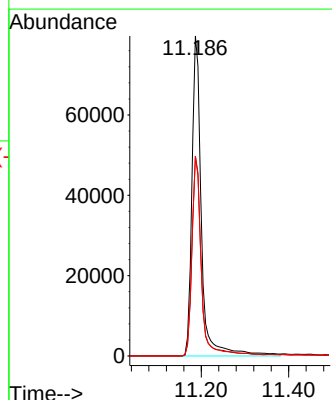
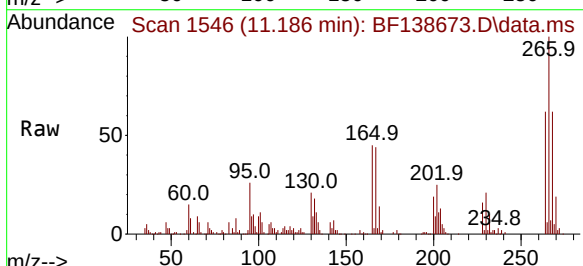
Tgt Ion:266 Resp: 120860

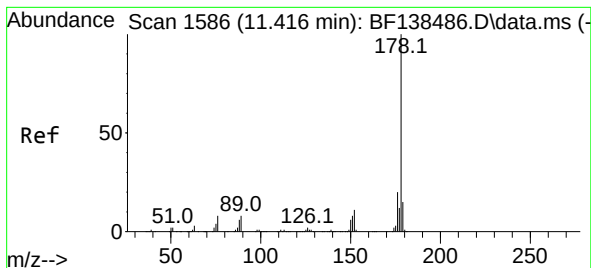
Ion Ratio Lower Upper

266 100

268 62.5 50.9 76.3

264 62.4 53.5 80.3





#71

Phenanthrene

Concen: 50.902 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.012 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MSD

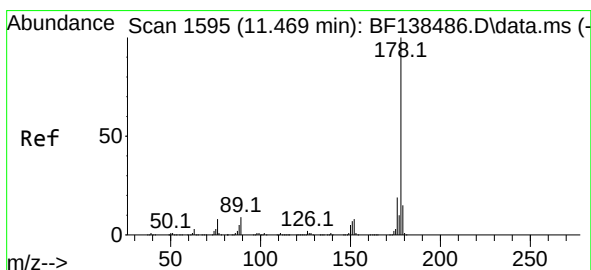
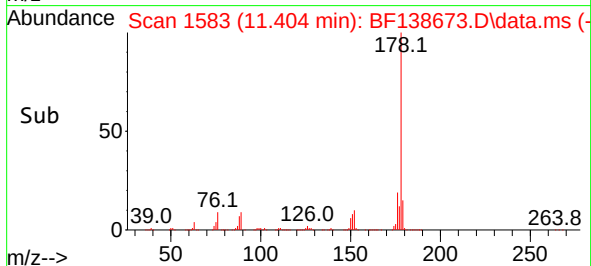
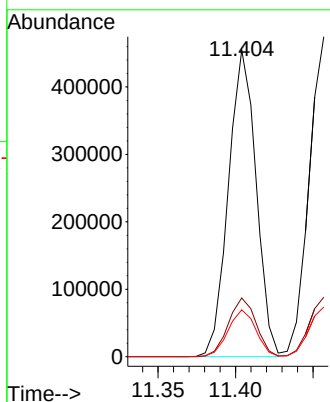
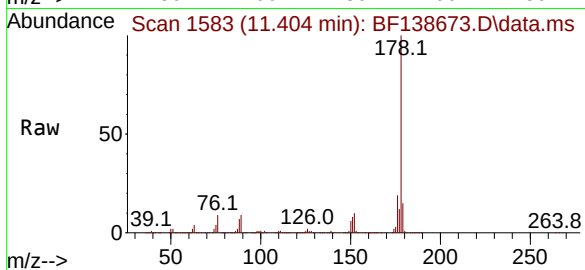
Tgt Ion:178 Resp: 564652

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

179 15.3 12.2 18.2



#72

Anthracene

Concen: 52.593 ng

RT: 11.457 min Scan# 1592

Delta R.T. -0.012 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

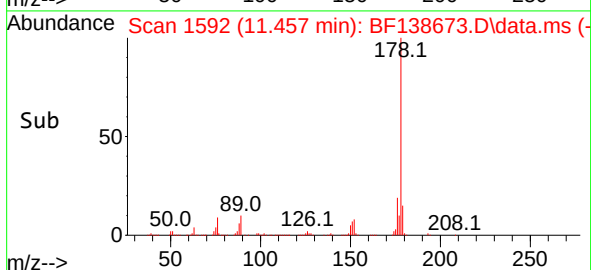
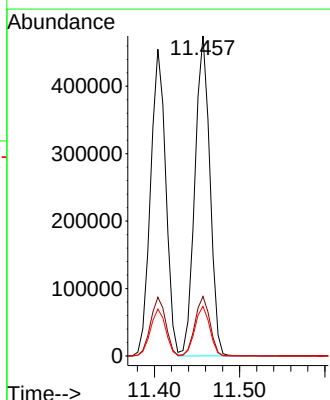
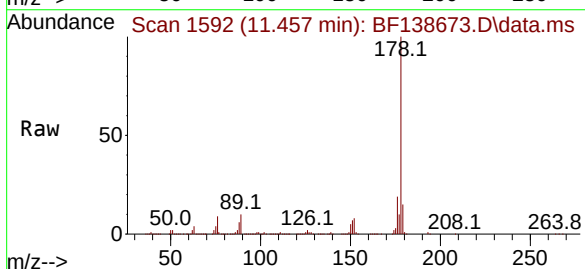
Tgt Ion:178 Resp: 579132

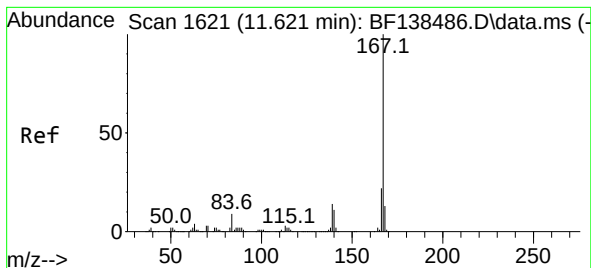
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

179 15.5 12.2 18.4





#73

Carbazole

Concen: 51.270 ng

RT: 11.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MSD

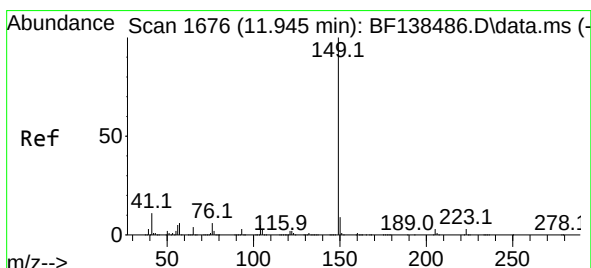
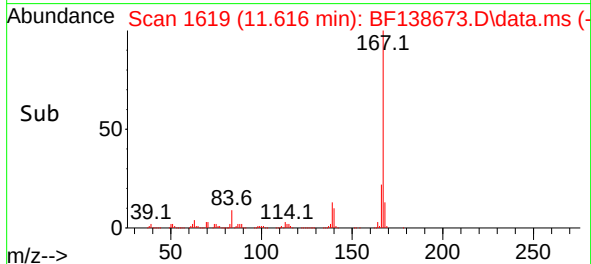
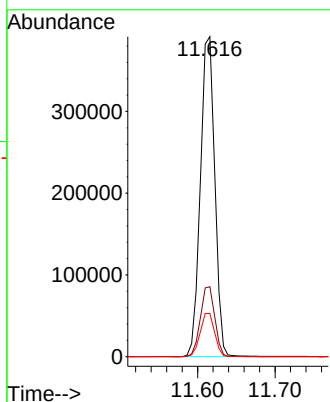
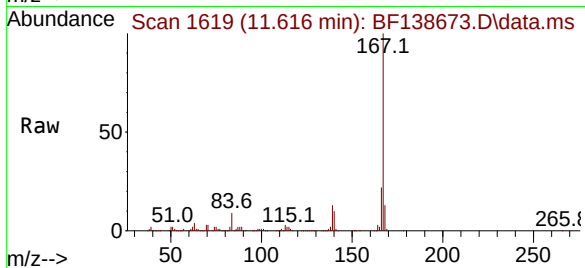
Tgt Ion:167 Resp: 507355

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.6

139 13.5 11.0 16.4



#74

Di-n-butylphthalate

Concen: 56.059 ng

RT: 11.939 min Scan# 1674

Delta R.T. -0.006 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

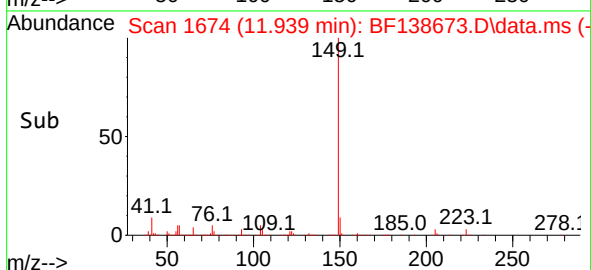
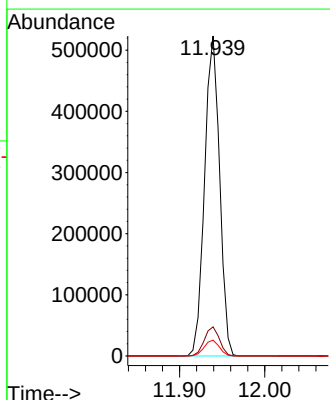
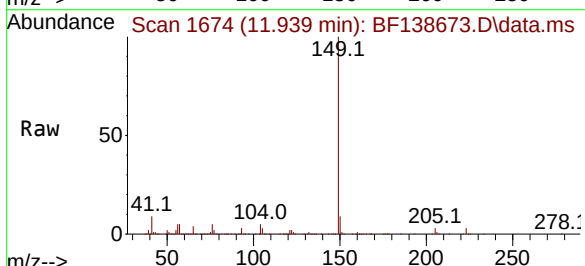
Tgt Ion:149 Resp: 639438

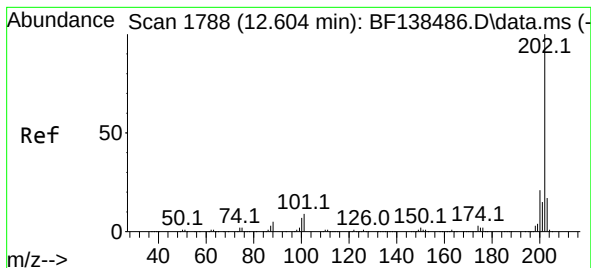
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 4.9 4.4 6.6





#75

Fluoranthene

Concen: 52.411 ng

RT: 12.592 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MSD

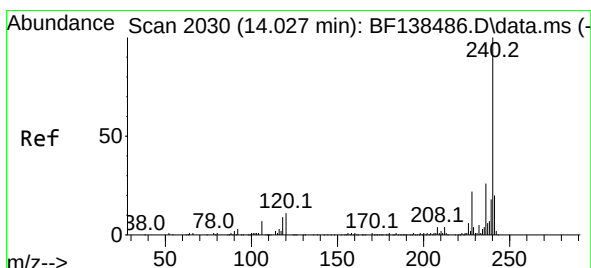
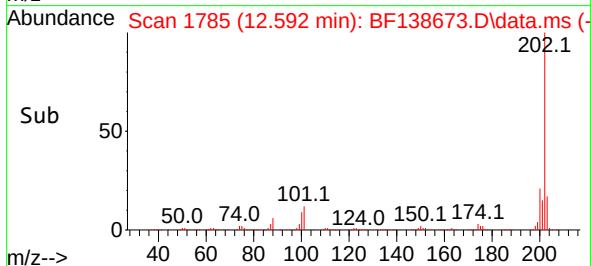
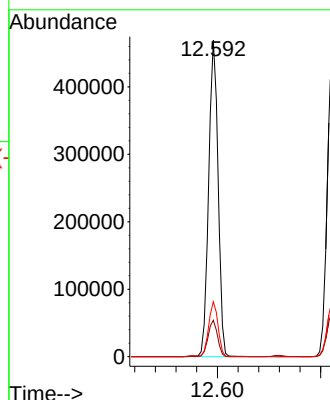
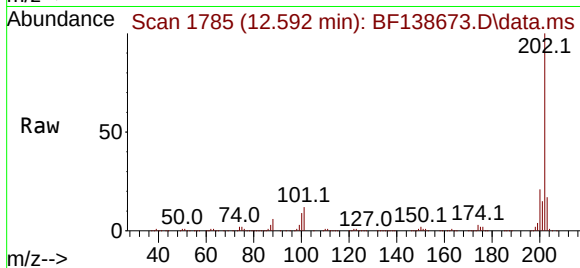
Tgt Ion:202 Resp: 593243

Ion Ratio Lower Upper

202 100

101 11.5 0.0 29.2

203 17.3 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

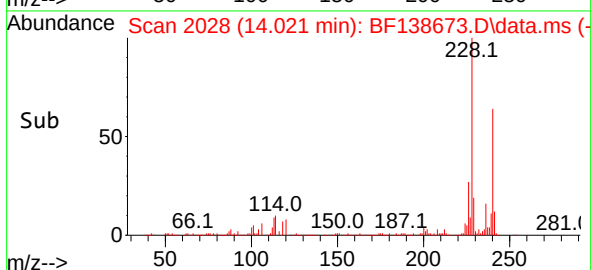
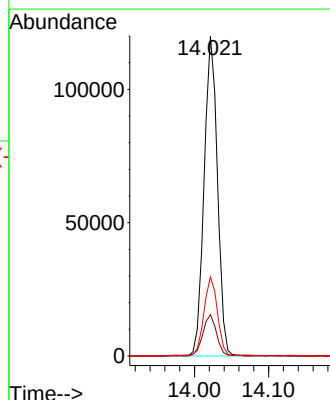
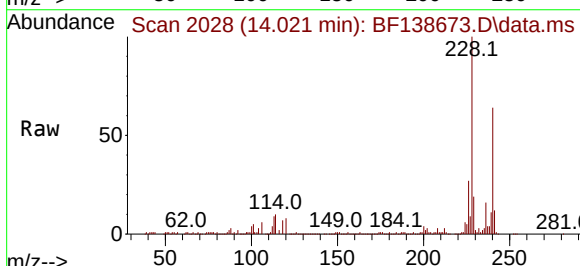
Tgt Ion:240 Resp: 150036

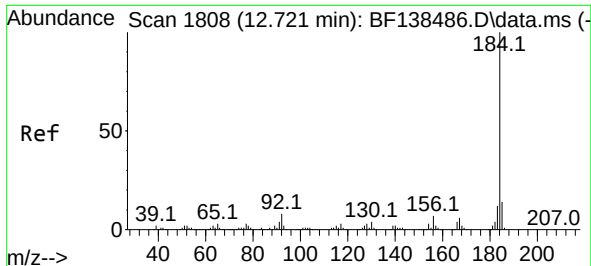
Ion Ratio Lower Upper

240 100

120 12.9 8.6 12.8#

236 24.7 21.0 31.6

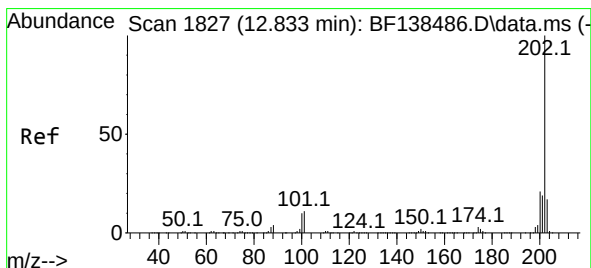
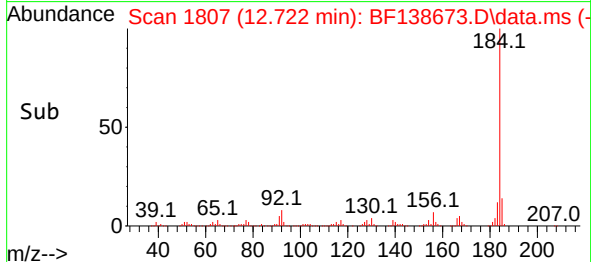
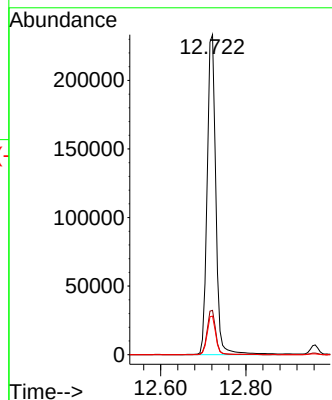
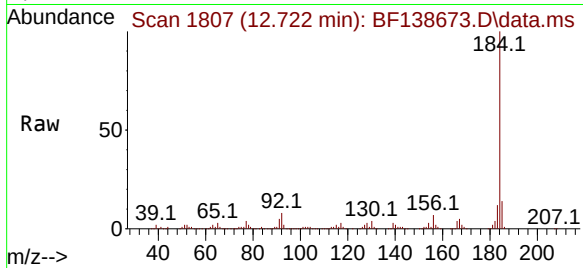




#77
Benzidine
Concen: 86.993 ng
RT: 12.722 min Scan# 1807
Delta R.T. 0.001 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

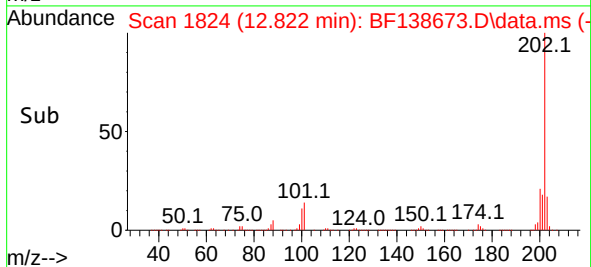
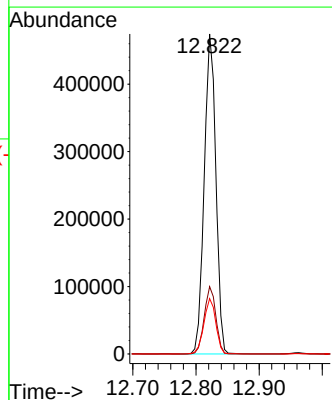
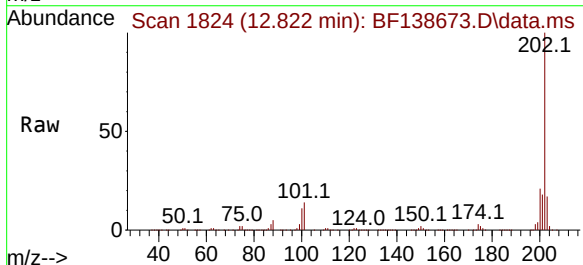
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

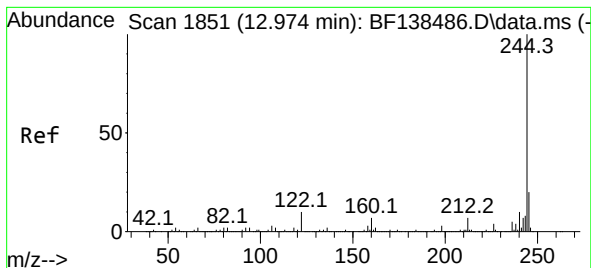
Tgt Ion:184 Resp: 329303
Ion Ratio Lower Upper
184 100
185 13.9 11.3 16.9
183 12.1 9.5 14.3



#78
Pyrene
Concen: 39.867 ng
RT: 12.822 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion:202 Resp: 607195
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.3 13.7 20.5





#79

Terphenyl-d14

Concen: 67.624 ng

RT: 12.963 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138673.D

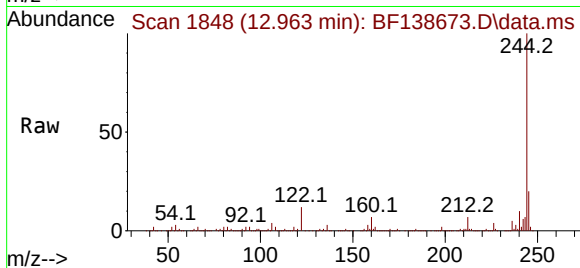
Acq: 29 Jul 2024 17:12

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MSD



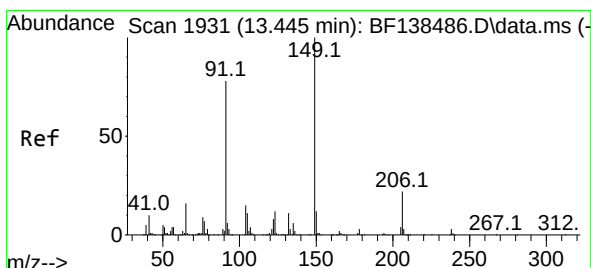
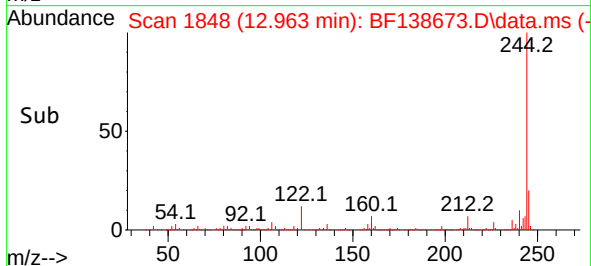
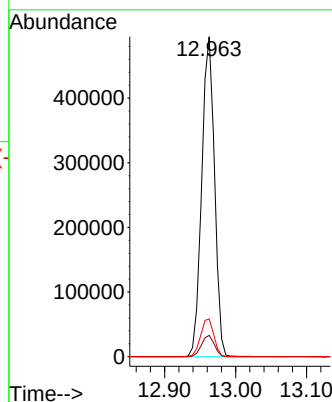
Tgt Ion:244 Resp: 622792

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

122 11.8 7.8 11.8#



#80

Butylbenzylphthalate

Concen: 57.134 ng

RT: 13.439 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

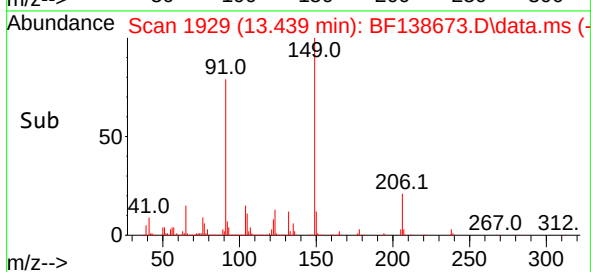
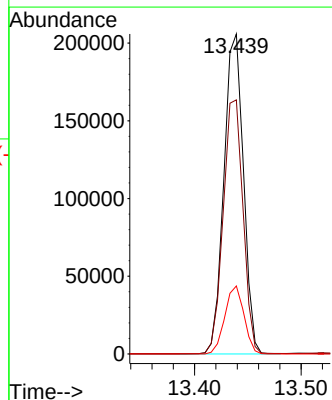
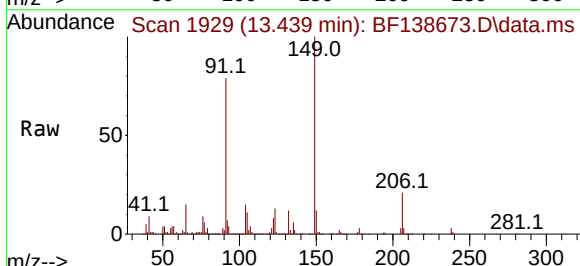
Tgt Ion:149 Resp: 261770

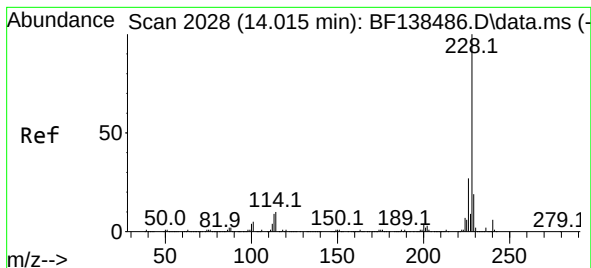
Ion Ratio Lower Upper

149 100

91 79.4 62.1 93.1

206 21.2 18.0 27.0





#81

Benzo(a)anthracene

Concen: 50.047 ng

RT: 14.010 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MSD

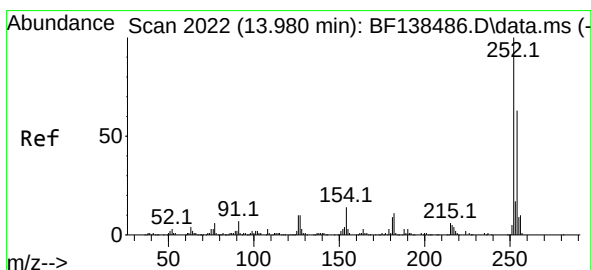
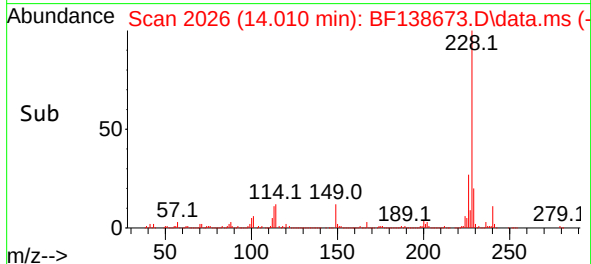
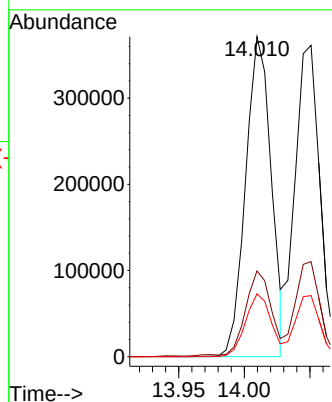
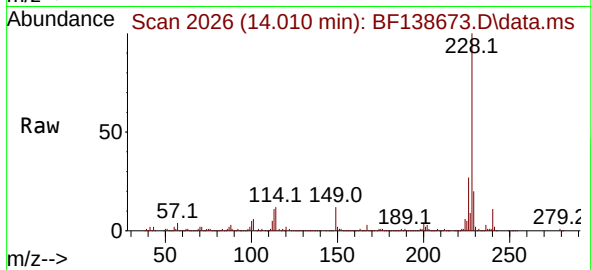
Tgt Ion:228 Resp: 503842

Ion Ratio Lower Upper

228 100

226 26.8 21.9 32.9

229 19.7 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 61.290 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

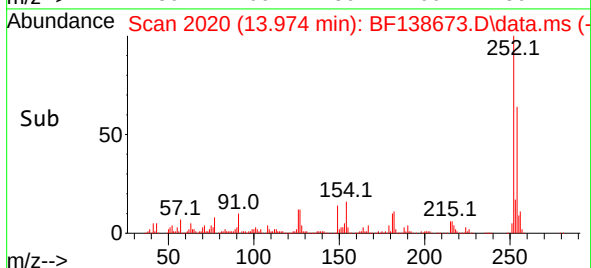
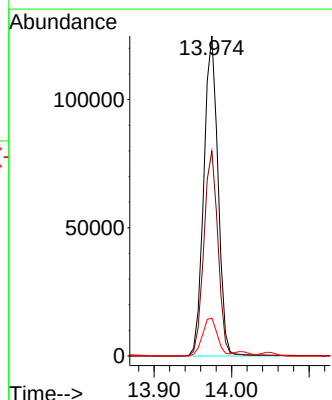
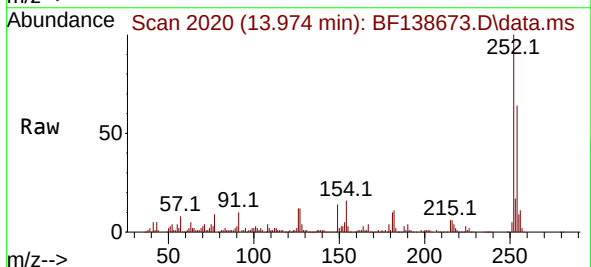
Tgt Ion:252 Resp: 158994

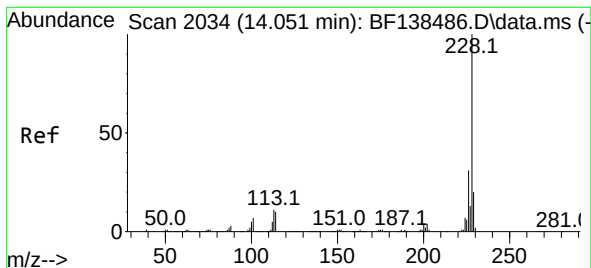
Ion Ratio Lower Upper

252 100

254 64.0 50.3 75.5

126 11.9 8.1 12.1





#83

Chrysene

Concen: 49.757 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MSD

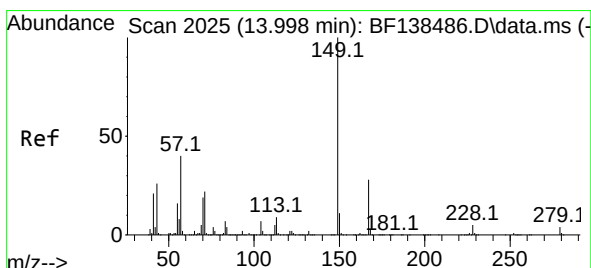
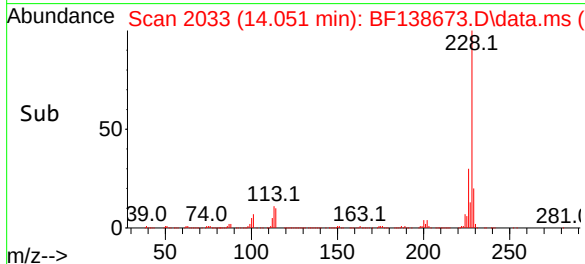
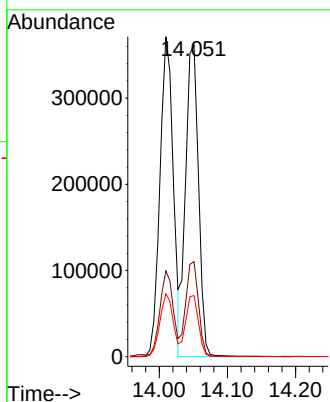
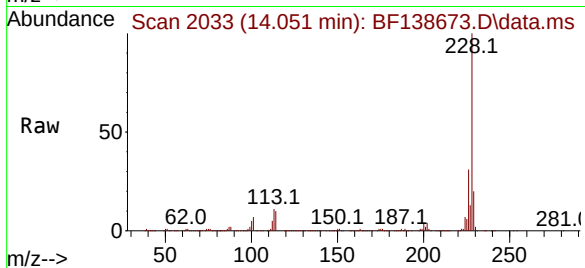
Tgt Ion:228 Resp: 473874

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 73.804 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

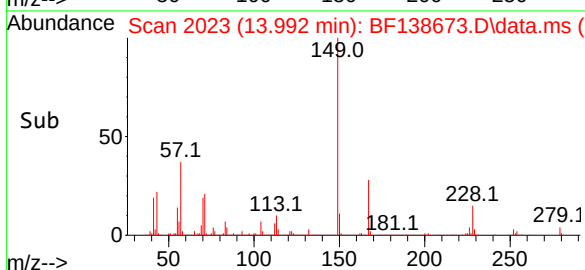
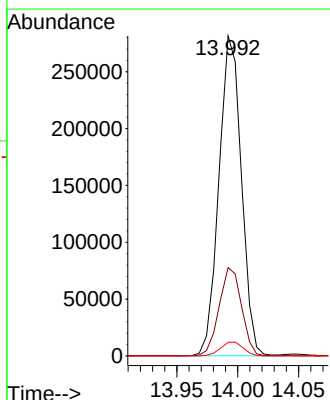
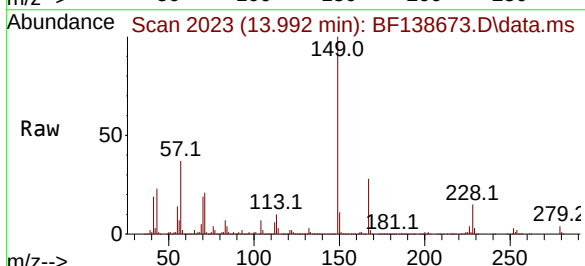
Tgt Ion:149 Resp: 360640

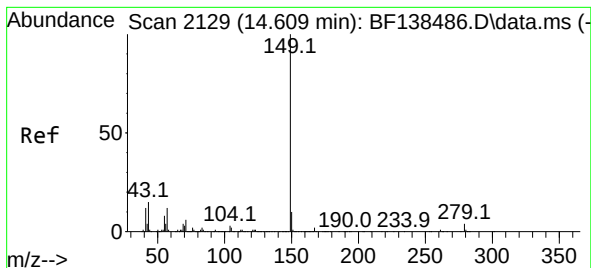
Ion Ratio Lower Upper

149 100

167 27.6 22.5 33.7

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 74.729 ng

RT: 14.610 min Scan# 21

Delta R.T. 0.001 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MSD

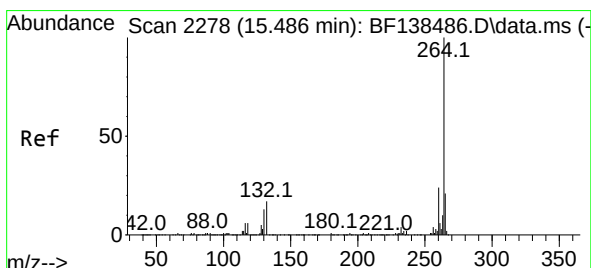
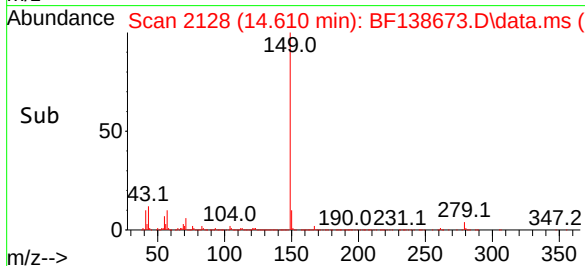
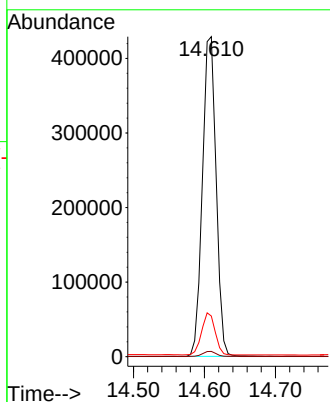
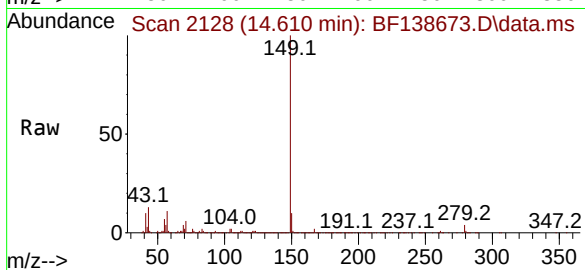
Tgt Ion:149 Resp: 576860

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.9 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2277

Delta R.T. 0.000 min

Lab File: BF138673.D

Acq: 29 Jul 2024 17:12

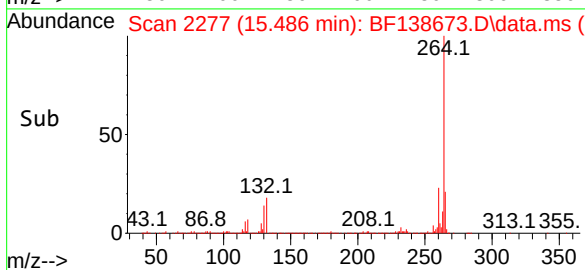
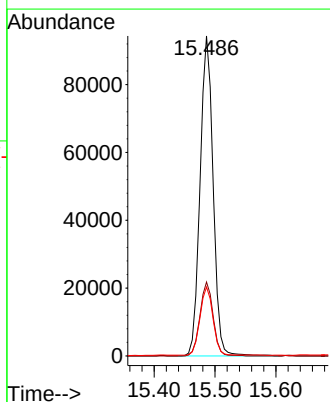
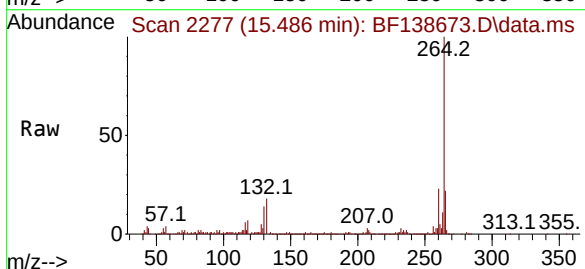
Tgt Ion:264 Resp: 139984

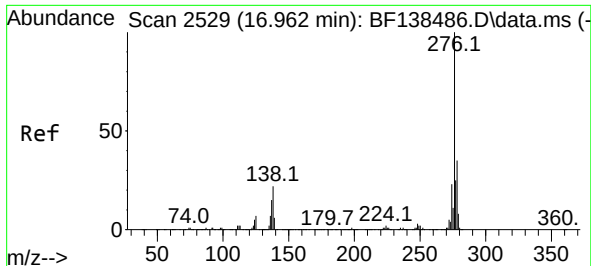
Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 21.6 17.0 25.4

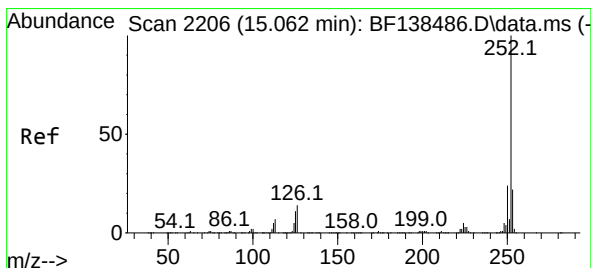
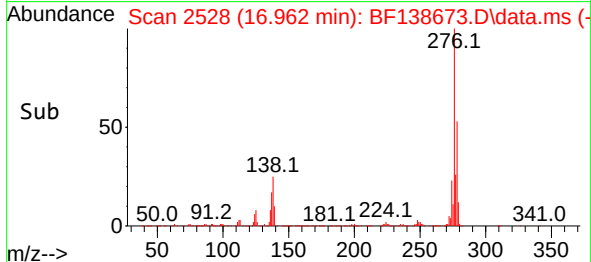
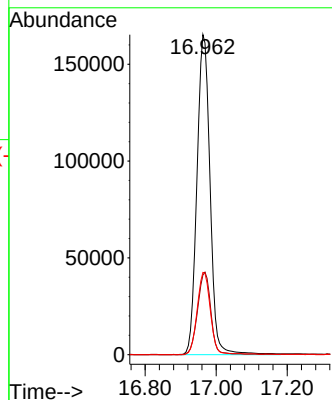
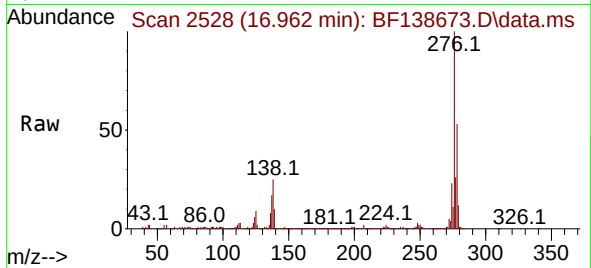




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.250 ng
 RT: 16.962 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF138673.D
 Acq: 29 Jul 2024 17:12

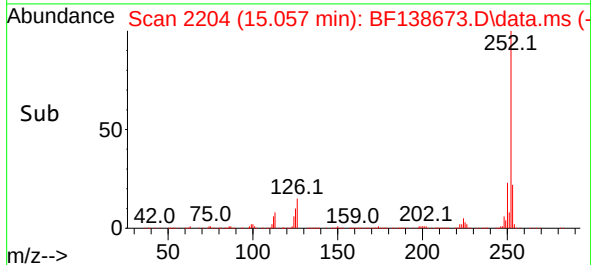
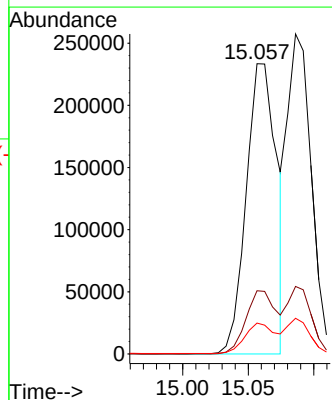
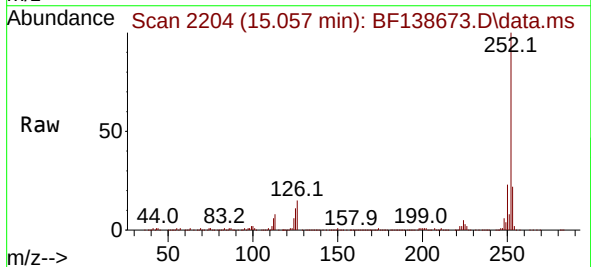
Instrument :
 BNA_F
 ClientSampleId :
 S-852-GI-SO-9.5-10-072624MSD

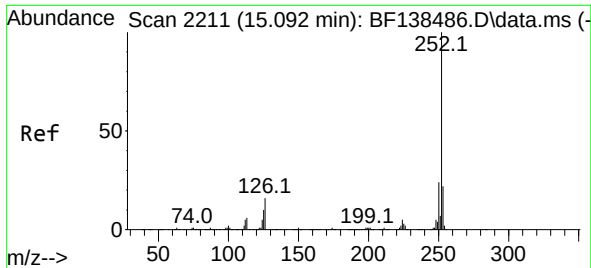
Tgt Ion:276 Resp: 425478
 Ion Ratio Lower Upper
 276 100
 138 25.8 19.6 29.4
 277 25.6 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 47.877 ng
 RT: 15.057 min Scan# 2204
 Delta R.T. -0.006 min
 Lab File: BF138673.D
 Acq: 29 Jul 2024 17:12

Tgt Ion:252 Resp: 377434
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.3 25.9
 125 10.7 8.6 13.0

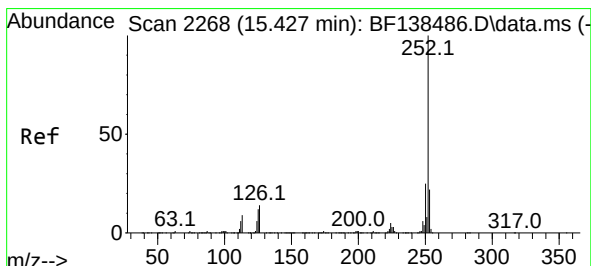
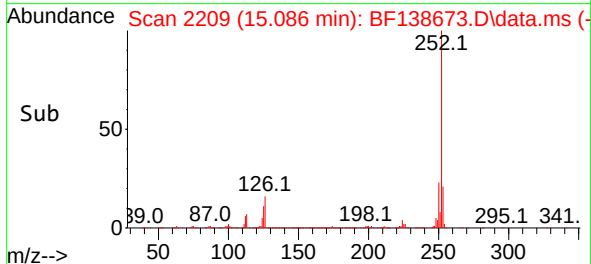
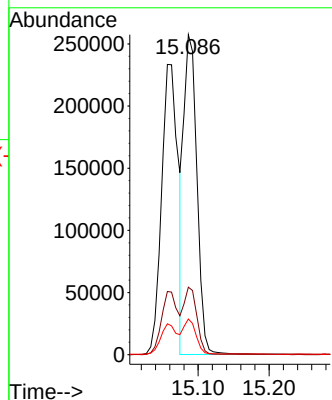
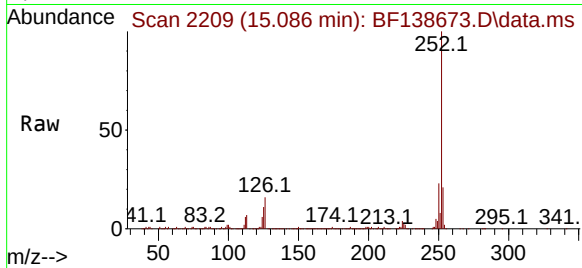




#89
Benzo(k)fluoranthene
Concen: 42.902 ng
RT: 15.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

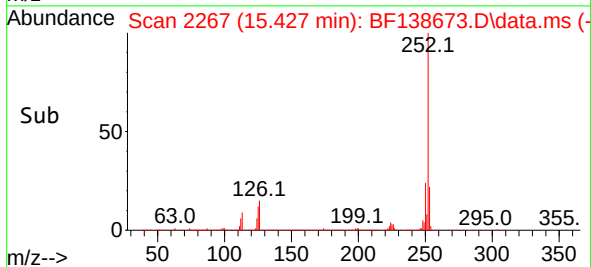
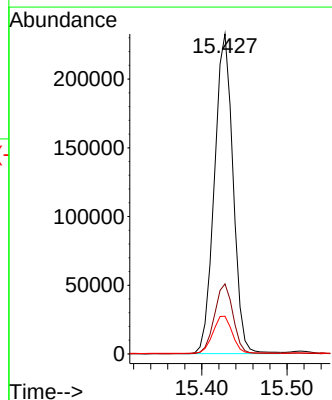
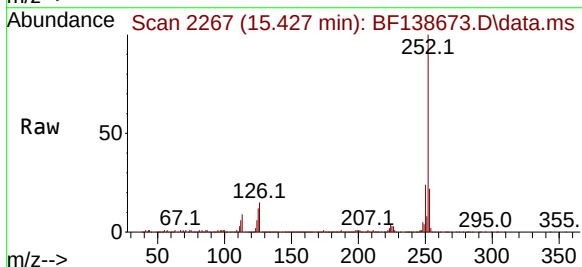
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

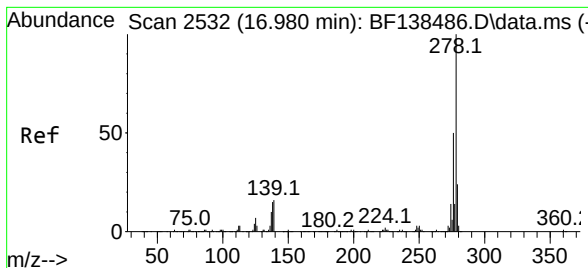
Tgt Ion:252 Resp: 329861
Ion Ratio Lower Upper
252 100
253 21.1 17.7 26.5
125 11.1 8.1 12.1



#90
Benzo(a)pyrene
Concen: 51.080 ng
RT: 15.427 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion:252 Resp: 353744
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 11.8 9.4 14.2

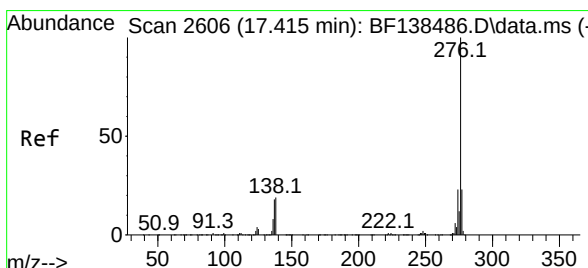
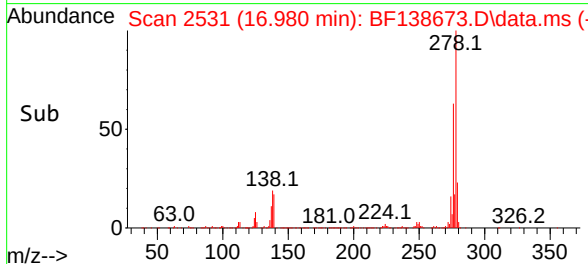
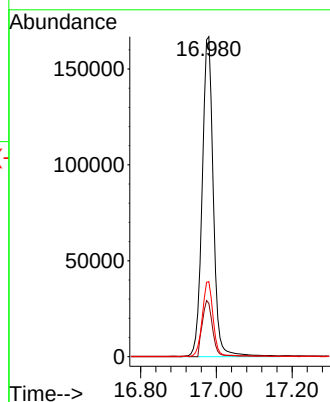
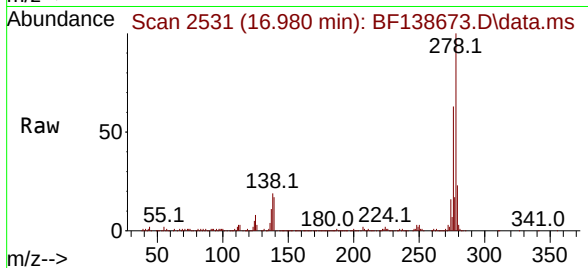




#91
Dibenzo(a,h)anthracene
Concen: 44.439 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

Tgt Ion:278 Resp: 341806
Ion Ratio Lower Upper
278 100
139 16.7 12.8 19.2
279 23.5 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 39.885 ng
RT: 17.409 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF138673.D
Acq: 29 Jul 2024 17:12

Tgt Ion:276 Resp: 325307
Ion Ratio Lower Upper
276 100
277 23.3 18.0 27.0
138 22.9 15.5 23.3

