

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073024\
 Data File : BF138684.D
 Acq On : 30 Jul 2024 14:56
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Jul 30 17:44:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:38:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	72528	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	281315	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	146962	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	227513	20.000	ng	0.00
76) Chrysene-d12	14.004	240	125928	20.000	ng	0.00
86) Perylene-d12	15.468	264	151531	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	369590	78.662	ng	0.00
7) Phenol-d6	6.487	99	487812	77.330	ng	0.00
23) Nitrobenzene-d5	7.410	82	457661	79.539	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	93462	77.638	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	767623	78.480	ng	0.00
79) Terphenyl-d14	12.945	244	556920	74.045	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	83483	40.585	ng	100
3) Pyridine	3.334	79	200383	40.213	ng	100
4) n-Nitrosodimethylamine	3.287	42	118122	39.802	ng	100
6) Aniline	6.510	93	222231	39.503	ng	100
8) 2-Chlorophenol	6.634	128	192242	38.889	ng	100
9) Benzaldehyde	6.398	77	131168	34.687	ng	100
10) Phenol	6.498	94	257462	38.764	ng	100
11) bis(2-Chloroethyl)ether	6.587	93	197702	38.681	ng	100
12) 1,3-Dichlorobenzene	6.787	146	213925	38.660	ng	100
13) 1,4-Dichlorobenzene	6.863	146	217011	38.861	ng	100
14) 1,2-Dichlorobenzene	7.016	146	204280	39.143	ng	100
15) Benzyl Alcohol	6.992	79	176734	38.872	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.122	45	340905	38.757	ng	100
17) 2-Methylphenol	7.104	107	160028	39.204	ng	100
18) Hexachloroethane	7.357	117	82349	39.176	ng	100
19) n-Nitroso-di-n-propyla...	7.257	70	143913	37.772	ng	100
20) 3+4-Methylphenols	7.257	107	198296	37.862	ng	100
22) Acetophenone	7.257	105	271238	39.378	ng	100
24) Nitrobenzene	7.428	77	234435	40.040	ng	100
25) Isophorone	7.669	82	382875	38.969	ng	100
26) 2-Nitrophenol	7.745	139	103255	40.990	ng	100
27) 2,4-Dimethylphenol	7.781	122	120225	39.890	ng	100
28) bis(2-Chloroethoxy)met...	7.875	93	235424	39.348	ng	100
29) 2,4-Dichlorophenol	7.992	162	155028	40.030	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	178035	39.835	ng	100
31) Naphthalene	8.151	128	587199	39.655	ng	100
32) Benzoic acid	7.904	122	93278	39.389	ng	100
33) 4-Chloroaniline	8.204	127	194499	39.130	ng	100
34) Hexachlorobutadiene	8.263	225	106863	39.476	ng	100
35) Caprolactam	8.569	113	43894	37.984	ng	100
36) 4-Chloro-3-methylphenol	8.681	107	172540	38.983	ng	100
37) 2-Methylnaphthalene	8.839	142	364899	39.019	ng	100
38) 1-Methylnaphthalene	8.939	142	357806	39.045	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	161777	39.628	ng	100
41) Hexachlorocyclopentadiene	8.986	237	37306	38.484	ng	100
43) 2,4,6-Trichlorophenol	9.116	196	98841	39.709	ng	100

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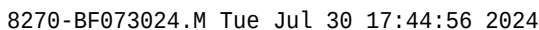
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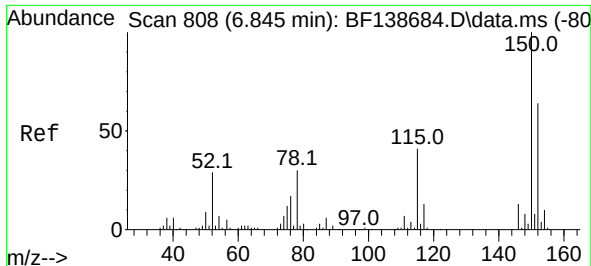
Quant Time: Jul 30 17:44:42 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	108268	39.788	ng	100
46) 1,1'-Biphenyl	9.304	154	452377	39.303	ng	100
47) 2-Chloronaphthalene	9.328	162	338303	39.520	ng	100
48) 2-Nitroaniline	9.428	65	114390	39.417	ng	100
49) Acenaphthylene	9.745	152	481180	39.633	ng	100
50) Dimethylphthalate	9.604	163	361332	38.452	ng	100
51) 2,6-Dinitrotoluene	9.669	165	84654	39.918	ng	100
52) Acenaphthene	9.916	154	318001	38.964	ng	100
53) 3-Nitroaniline	9.839	138	84697	38.633	ng	100
54) 2,4-Dinitrophenol	9.951	184	37379	38.289	ng	100
55) Dibenzofuran	10.086	168	445244	38.648	ng	100
56) 4-Nitrophenol	10.004	139	51459	39.032	ng	100
57) 2,4-Dinitrotoluene	10.069	165	106444	39.341	ng	100
58) Fluorene	10.428	166	354441	38.634	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	80452	38.673	ng	100
60) Diethylphthalate	10.298	149	339596	38.114	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	173020	38.346	ng	100
62) 4-Nitroaniline	10.451	138	79919	38.360	ng	100
63) Azobenzene	10.580	77	382056	38.662	ng	100
65) 4,6-Dinitro-2-methylph...	10.480	198	56704	40.852	ng	100
66) n-Nitrosodiphenylamine	10.539	169	287289	40.397	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	98606	40.031	ng	100
68) Hexachlorobenzene	10.975	284	100089	39.354	ng	100
69) Atrazine	11.063	200	73933	40.295	ng	100
70) Pentachlorophenol	11.175	266	46467	40.533	ng	100
71) Phenanthrene	11.392	178	464600	39.658	ng	100
72) Anthracene	11.445	178	456164	39.526	ng	100
73) Carbazole	11.598	167	395675	39.739	ng	100
74) Di-n-butylphthalate	11.922	149	451011	40.293	ng	100
75) Fluoranthene	12.580	202	439041	40.144	ng	100
77) Benzidine	12.704	184	134710	44.725	ng	100
78) Pyrene	12.810	202	440674	37.167	ng	100
80) Butylbenzylphthalate	13.421	149	158088	41.637	ng	100
81) Benzo(a)anthracene	13.992	228	351448	40.528	ng	100
82) 3,3'-Dichlorobenzidine	13.957	252	90595	40.825	ng	100
83) Chrysene	14.033	228	307799	39.343	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	238798	42.951	ng	100
85) Di-n-octyl phthalate	14.592	149	439133	42.690	ng	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	422742	38.929	ng	100
88) Benzo(b)fluoranthene	15.039	252	372478	39.653	ng	100
89) Benzo(k)fluoranthene	15.068	252	303576	37.326	ng	100
90) Benzo(a)pyrene	15.404	252	309949	39.228	ng	100
91) Dibenzo(a,h)anthracene	16.951	278	343548	38.540	ng	100
92) Benzo(g,h,i)perylene	17.380	276	363283	39.273	ng	100

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

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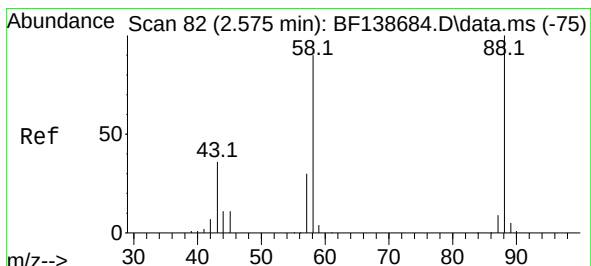
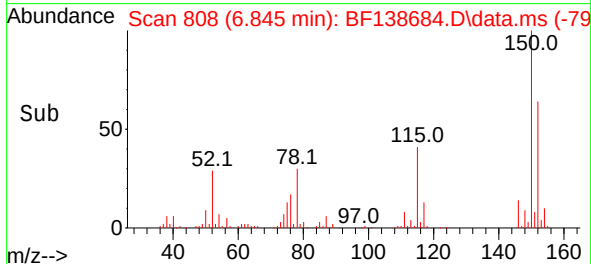
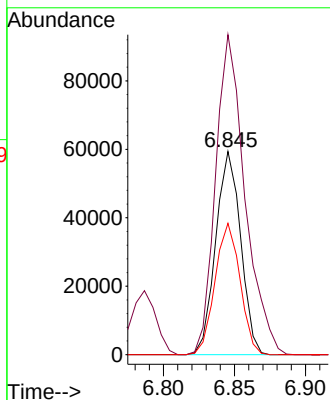
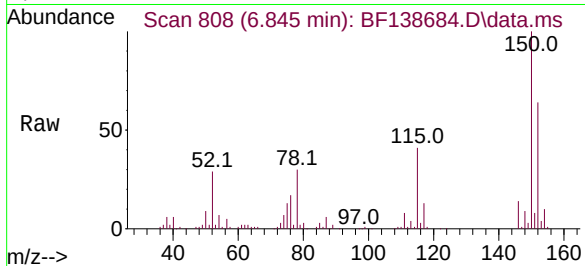




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138684.D
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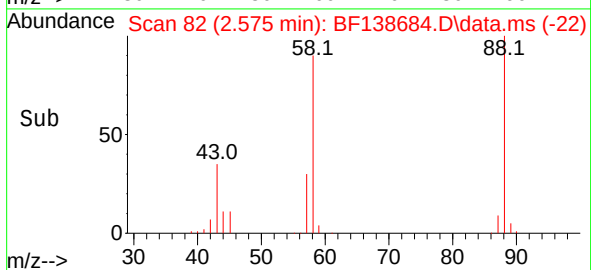
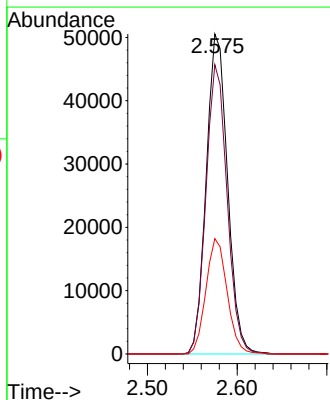
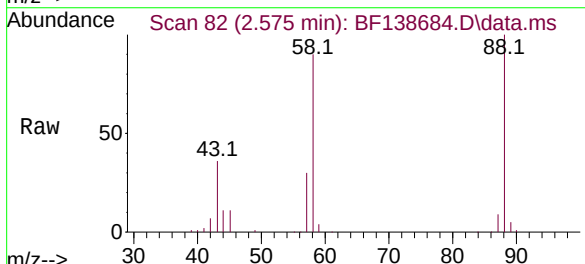
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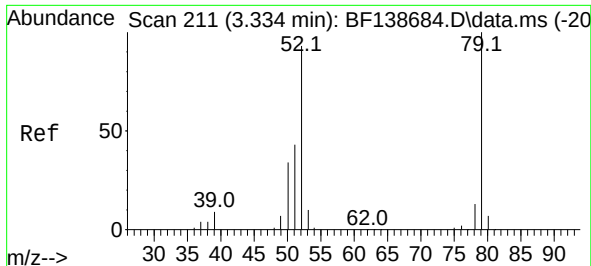
Tgt Ion:152 Resp: 72528
Ion Ratio Lower Upper
152 100
150 157.5 126.0 189.0
115 64.6 51.7 77.5



#2
1,4-Dioxane
Concen: 40.585 ng
RT: 2.575 min Scan# 82
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

Tgt Ion: 88 Resp: 83483
Ion Ratio Lower Upper
88 100
58 89.5 71.6 107.4
43 35.9 28.7 43.1





#3

Pyridine

Concen: 40.213 ng

RT: 3.334 min Scan# 211

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

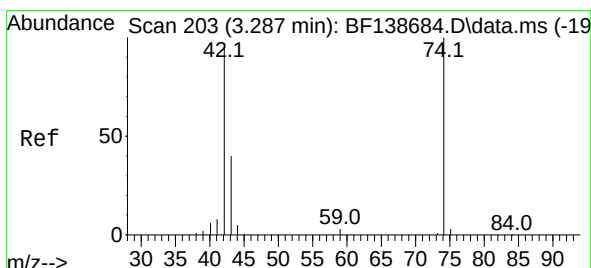
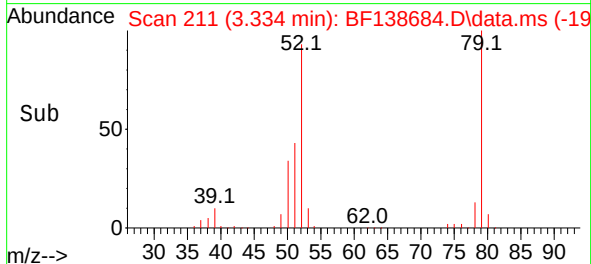
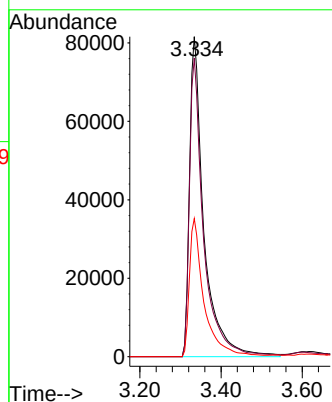
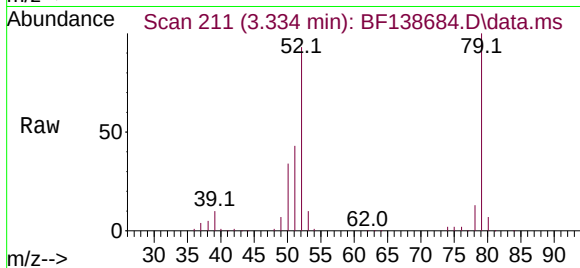
Tgt Ion: 79 Resp: 200383

Ion Ratio Lower Upper

79 100

52 93.4 74.7 112.1

51 43.2 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 39.802 ng

RT: 3.287 min Scan# 203

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

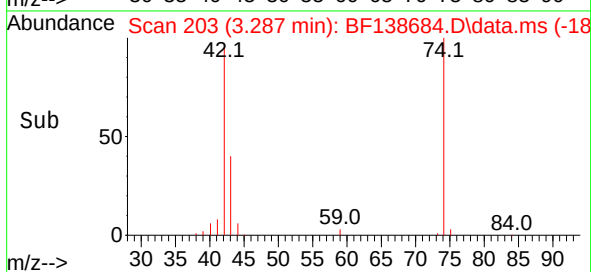
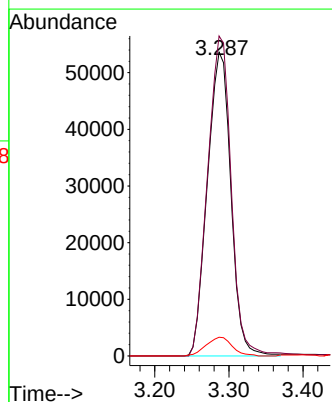
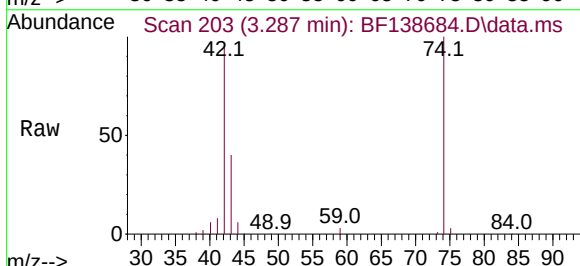
Tgt Ion: 42 Resp: 118122

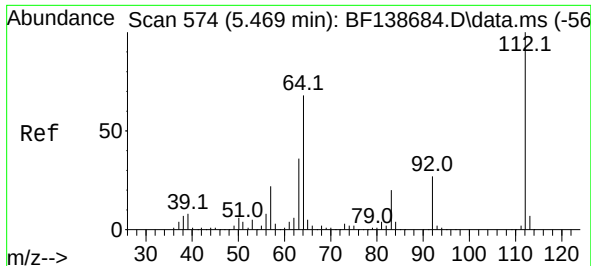
Ion Ratio Lower Upper

42 100

74 105.3 84.2 126.4

44 6.1 4.9 7.3

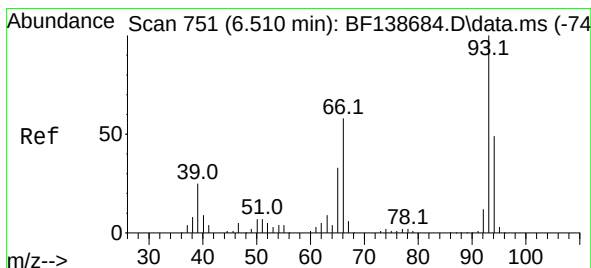
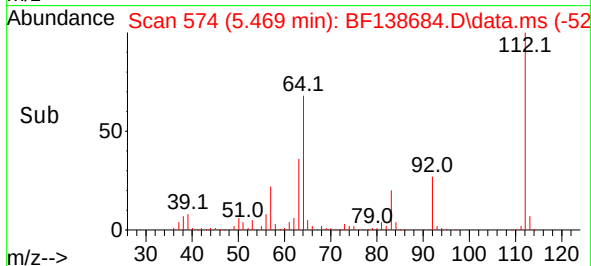
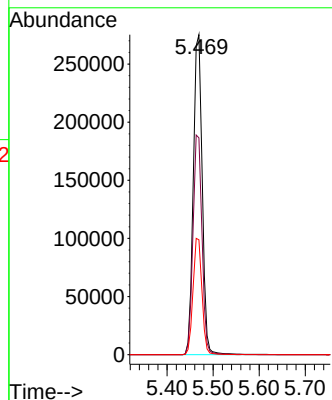
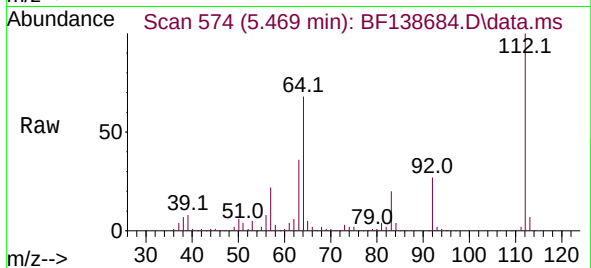




#5
2-Fluorophenol
Concen: 78.662 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

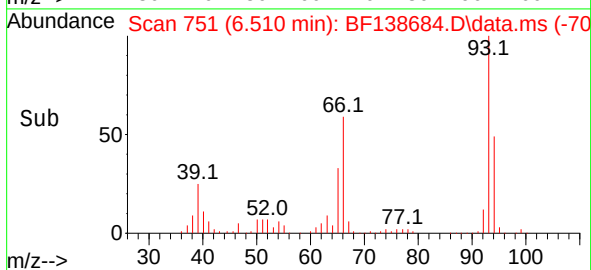
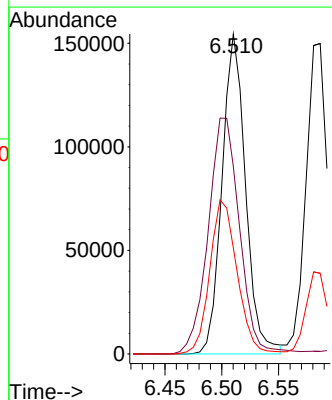
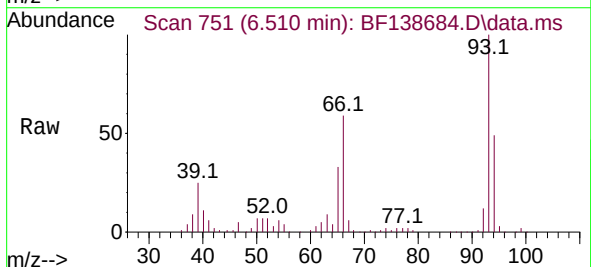
Instrument :
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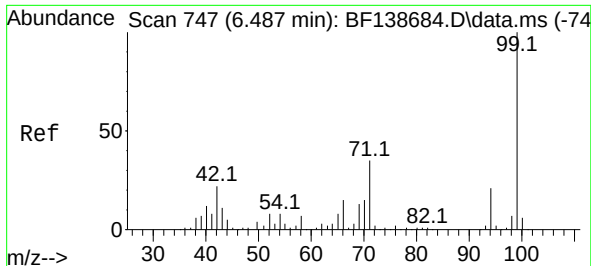
Tgt Ion:112 Resp: 369590
Ion Ratio Lower Upper
112 100
64 67.8 54.2 81.4
63 35.9 28.7 43.1



#6
Aniline
Concen: 39.503 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

Tgt Ion: 93 Resp: 222231
Ion Ratio Lower Upper
93 100
66 58.6 46.9 70.3
65 33.1 26.5 39.7





#7

Phenol-d6

Concen: 77.330 ng

RT: 6.487 min Scan# 747

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

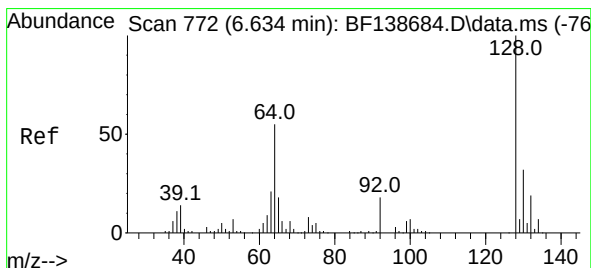
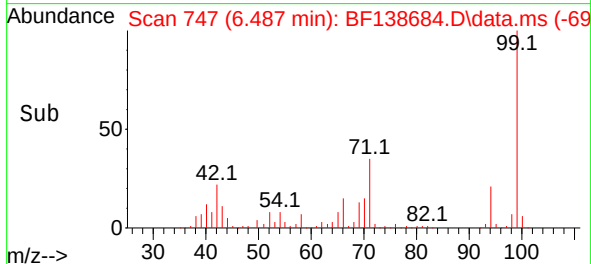
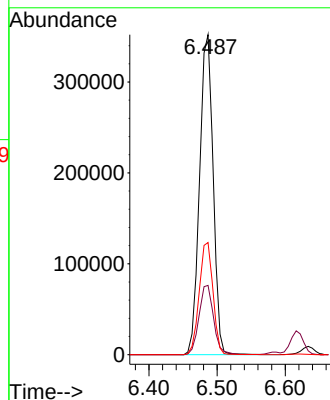
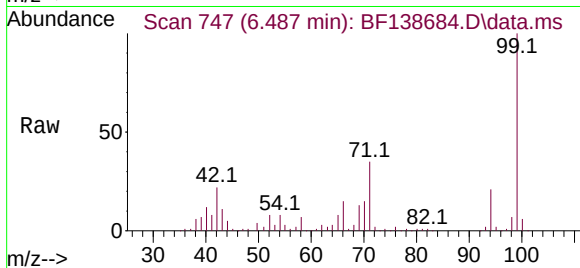
Tgt Ion: 99 Resp: 487812

Ion Ratio Lower Upper

99 100

42 21.7 17.4 26.0

71 35.1 28.1 42.1



#8

2-Chlorophenol

Concen: 38.889 ng

RT: 6.634 min Scan# 772

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

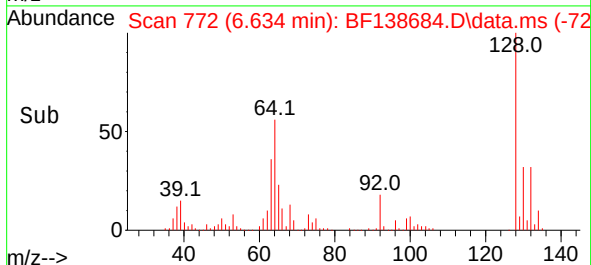
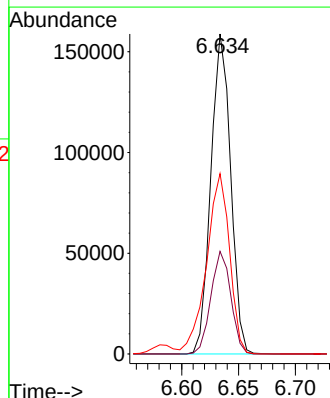
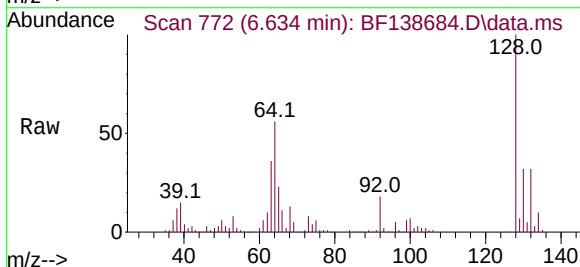
Tgt Ion:128 Resp: 192242

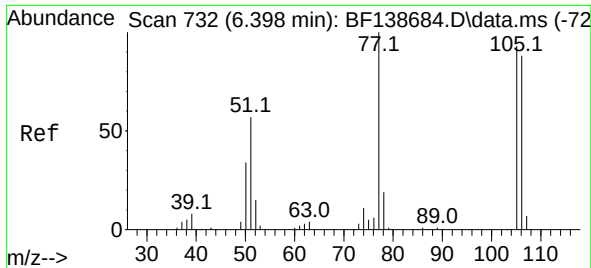
Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

64 56.3 36.3 76.3





#9

Benzaldehyde

Concen: 34.687 ng

RT: 6.398 min Scan# 732

Delta R.T. 0.000 min

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Instrument :

BNA_F

ClientSampleId :

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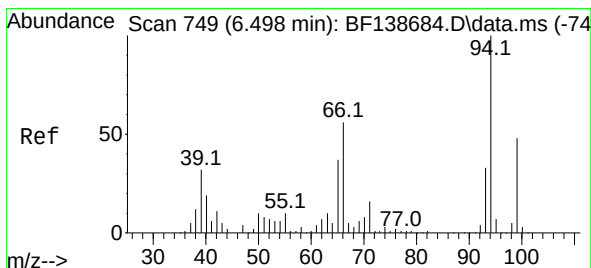
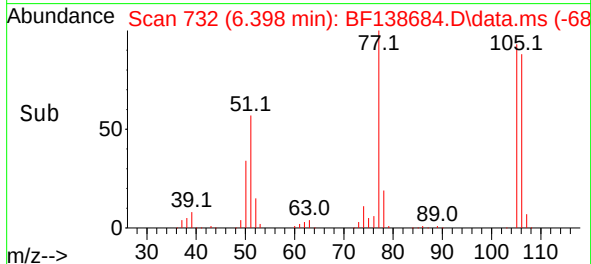
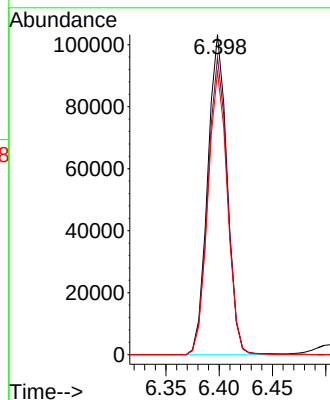
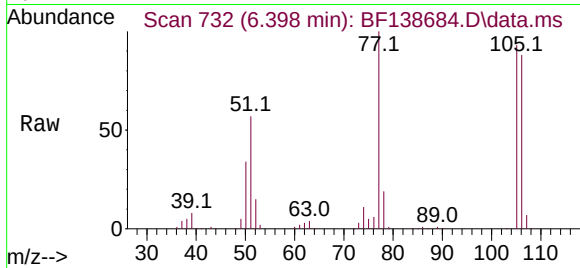
Tgt Ion: 77 Resp: 131168

Ion Ratio Lower Upper

77 100

105 92.9 72.9 112.9

106 88.4 68.4 108.4



#10

Phenol

Concen: 38.764 ng

RT: 6.498 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

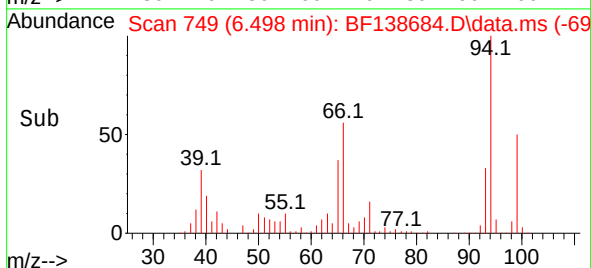
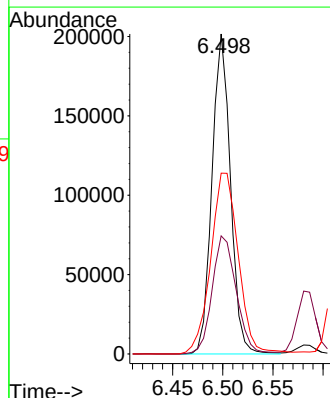
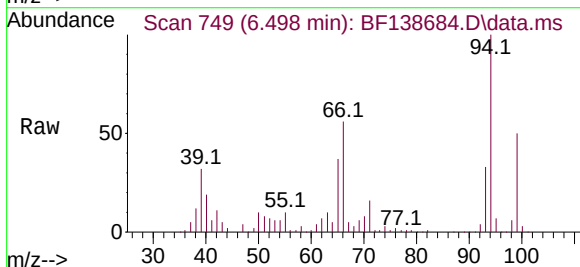
Tgt Ion: 94 Resp: 257462

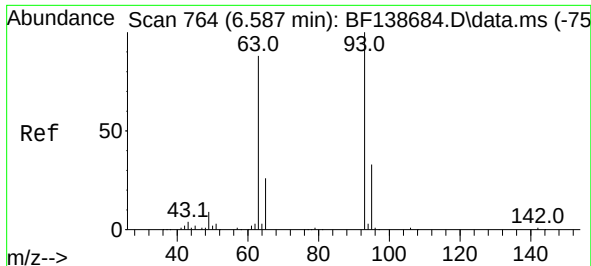
Ion Ratio Lower Upper

94 100

65 36.9 16.9 56.9

66 56.5 36.5 76.5





#11

bis(2-Chloroethyl)ether

Concen: 38.681 ng

RT: 6.587 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

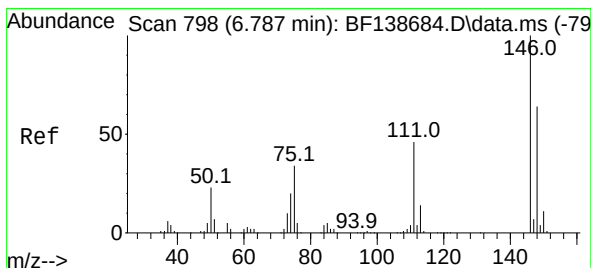
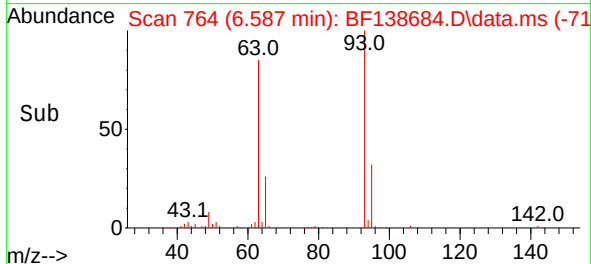
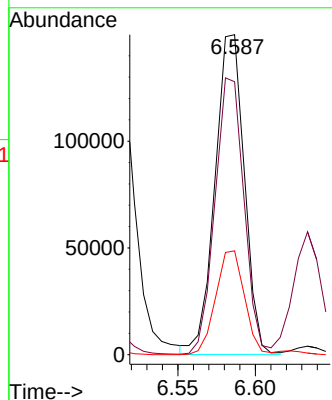
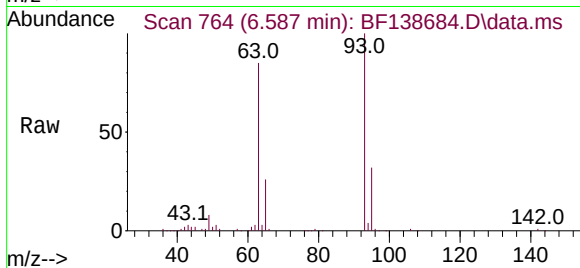
Tgt Ion: 93 Resp: 197702

Ion Ratio Lower Upper

93 100

63 85.3 65.3 105.3

95 32.4 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 38.660 ng

RT: 6.787 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

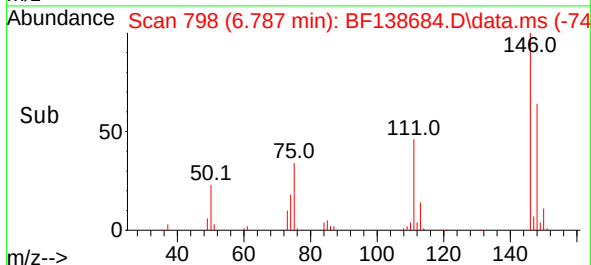
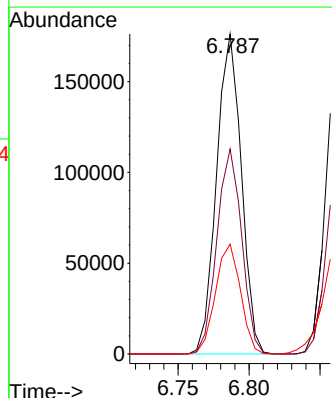
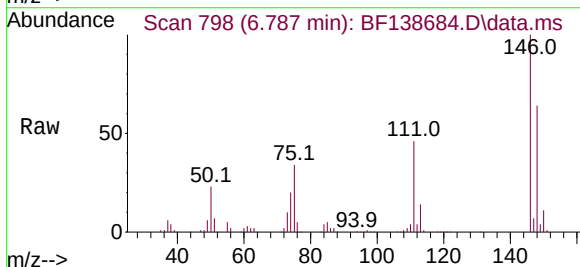
Tgt Ion:146 Resp: 213925

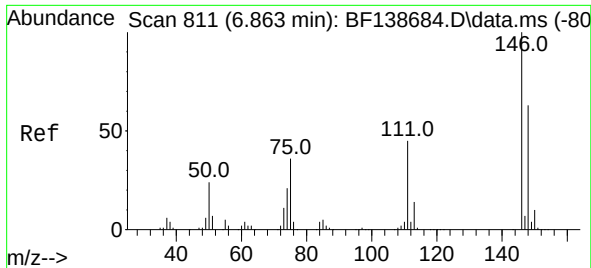
Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

75 34.3 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 38.861 ng

RT: 6.863 min Scan# 811

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

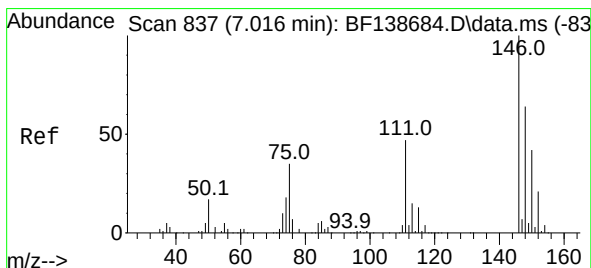
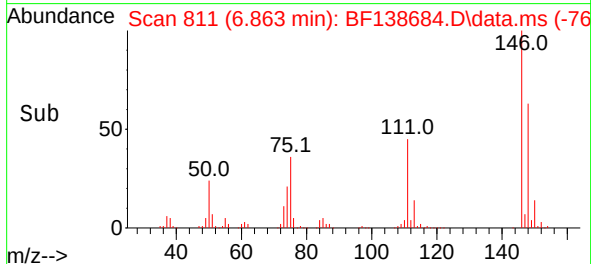
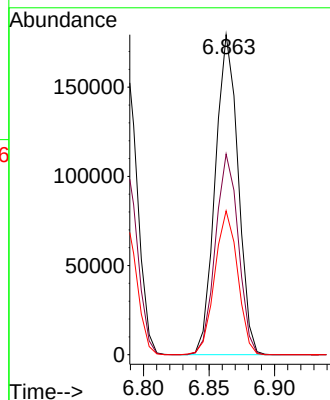
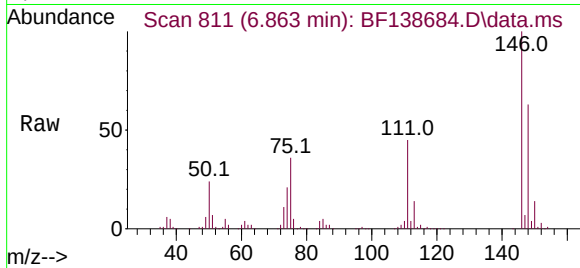
Tgt Ion:146 Resp: 217011

Ion Ratio Lower Upper

146 100

148 62.7 50.2 75.2

111 44.9 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 39.143 ng

RT: 7.016 min Scan# 837

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

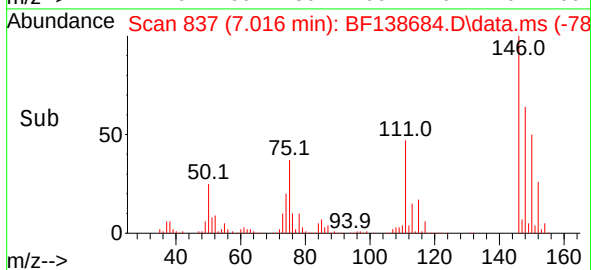
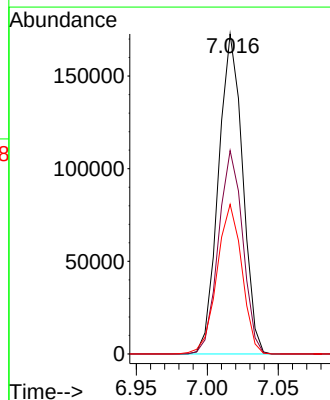
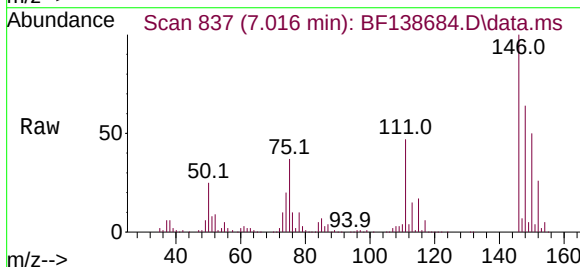
Tgt Ion:146 Resp: 204280

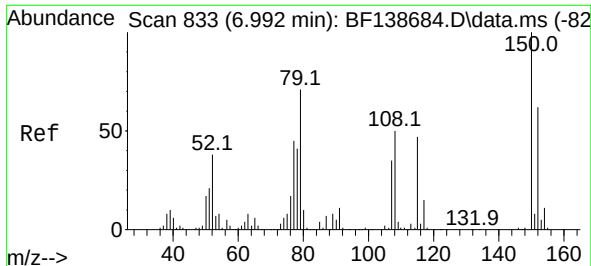
Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

111 46.8 37.4 56.2





#15

Benzyl Alcohol

Concen: 38.872 ng

RT: 6.992 min Scan# 833

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

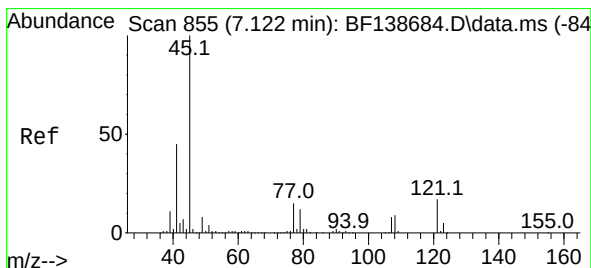
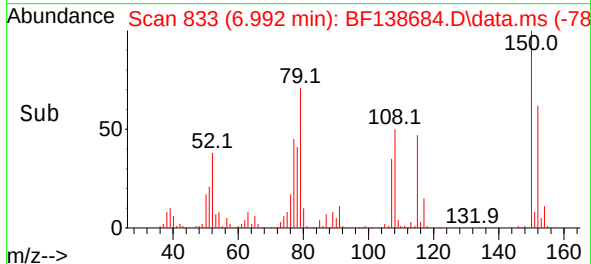
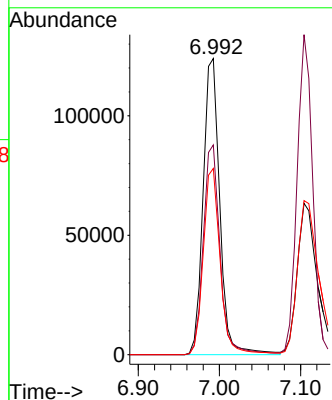
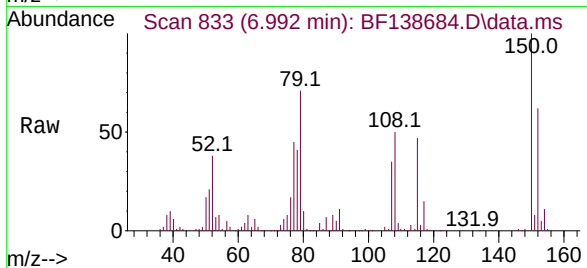
Tgt Ion: 79 Resp: 176734

Ion Ratio Lower Upper

79 100

108 70.8 56.6 85.0

77 62.9 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.757 ng

RT: 7.122 min Scan# 855

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

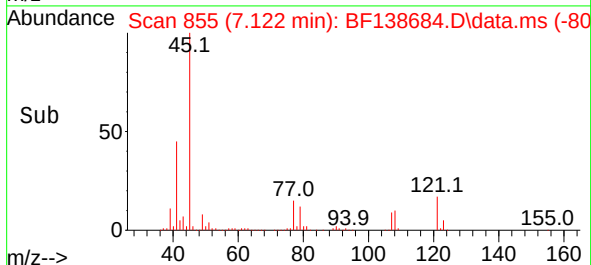
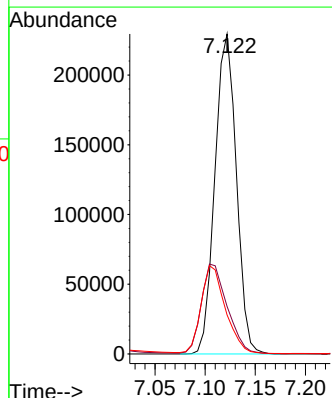
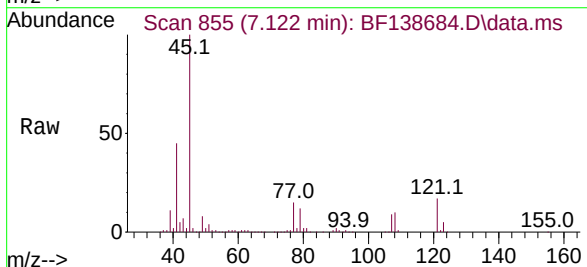
Tgt Ion: 45 Resp: 340905

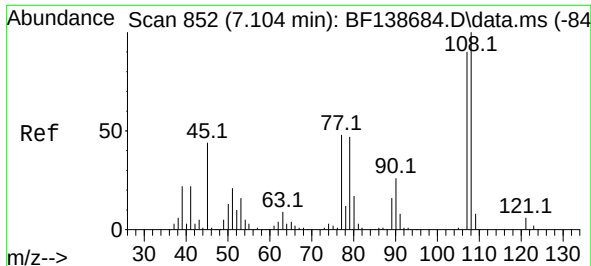
Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.9

79 12.2 0.0 32.2

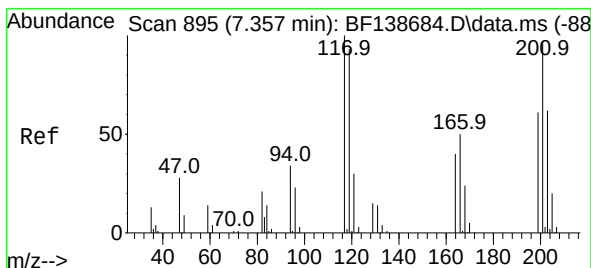
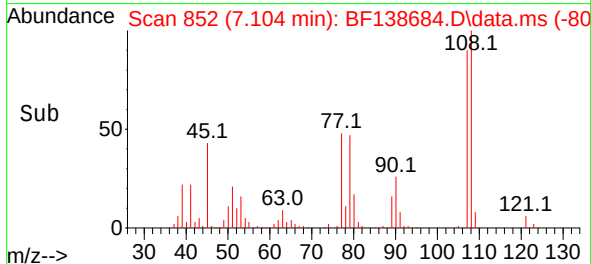
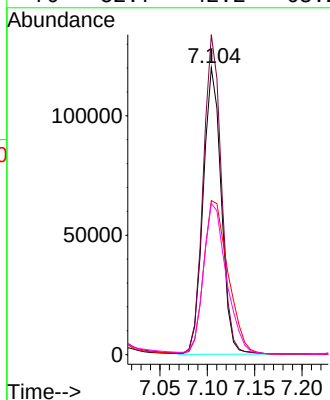
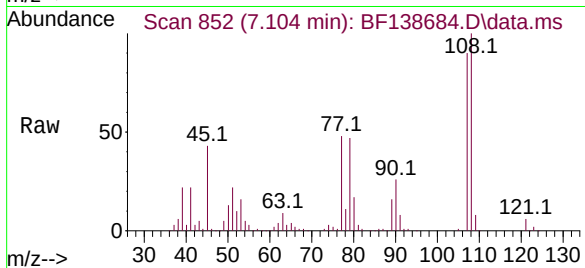




#17
2-Methylphenol
Concen: 39.204 ng
RT: 7.104 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

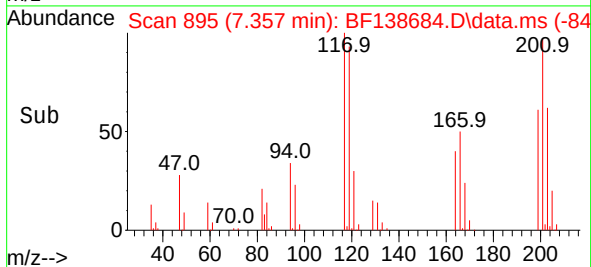
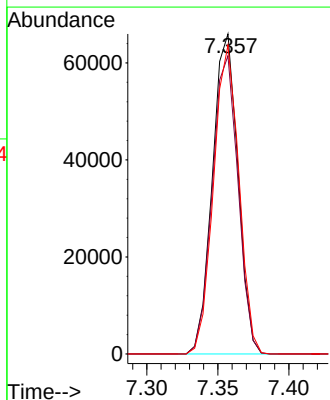
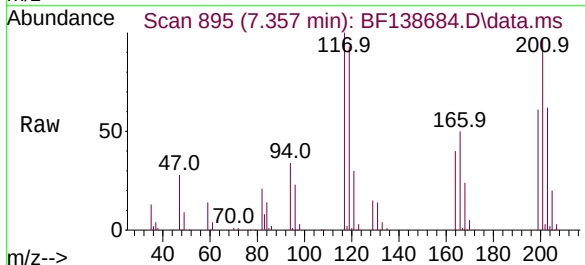
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

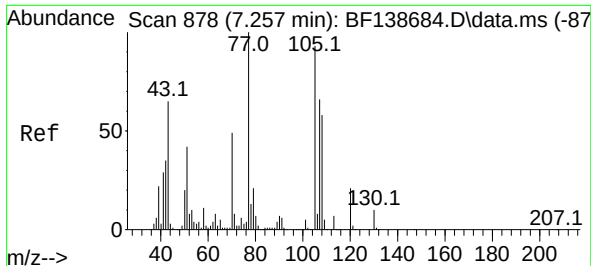
Tgt Ion:	107	Resp:	160028
Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.2	133.8
77	53.7	43.0	64.4
79	52.7	42.2	63.2



#18
Hexachloroethane
Concen: 39.176 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

Tgt Ion:	117	Resp:	82349
Ion	Ratio	Lower	Upper
117	100		
119	93.2	74.6	111.8
201	96.5	77.2	115.8





#19

n-Nitroso-di-n-propylamine

Concen: 37.772 ng

RT: 7.257 min Scan# 878

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 143913

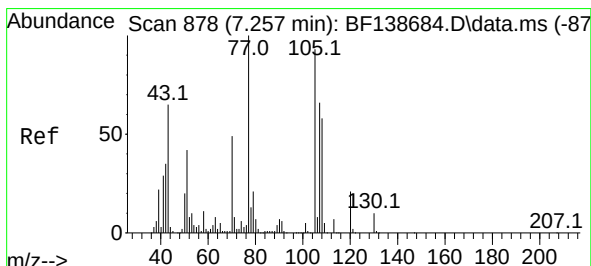
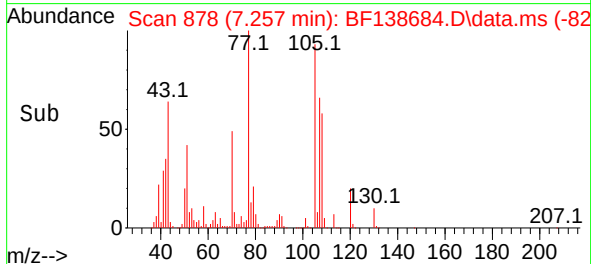
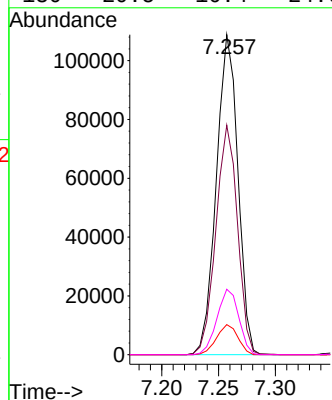
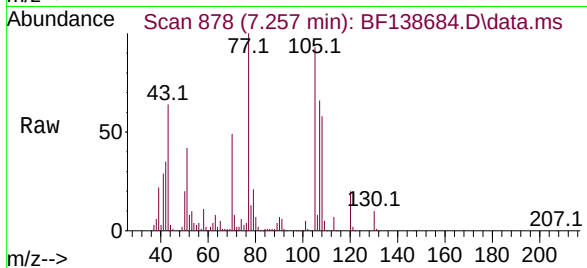
Ion Ratio Lower Upper

70 100

42 71.7 57.4 86.0

101 9.4 7.5 11.3

130 20.5 16.4 24.6



#20

3+4-Methylphenols

Concen: 37.862 ng

RT: 7.257 min Scan# 878

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Tgt Ion:107 Resp: 198296

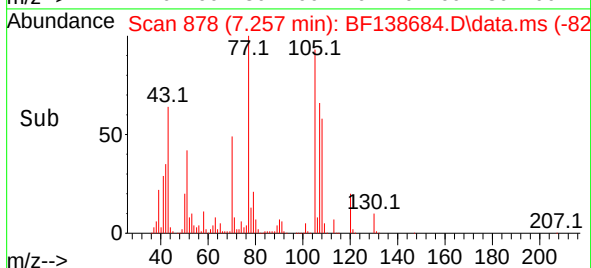
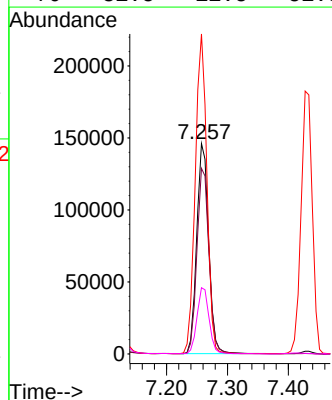
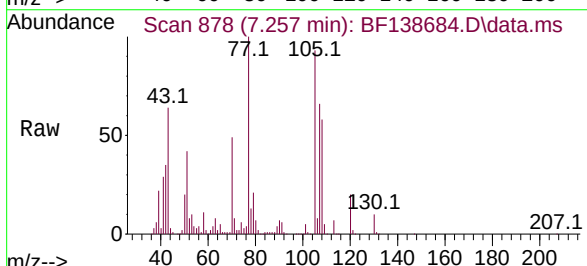
Ion Ratio Lower Upper

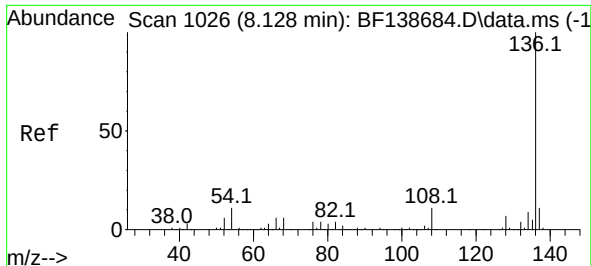
107 100

108 88.2 68.2 108.2

77 152.1 132.1 172.1

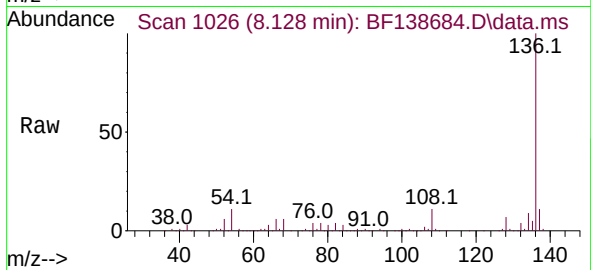
79 31.5 11.5 51.5





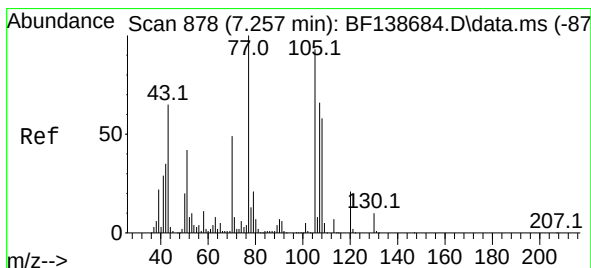
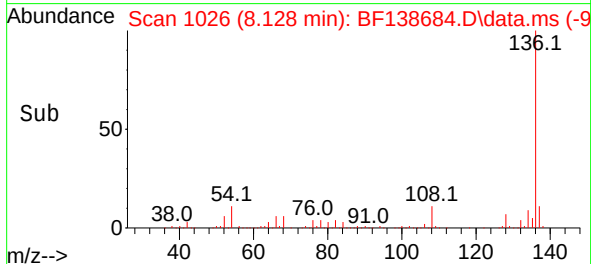
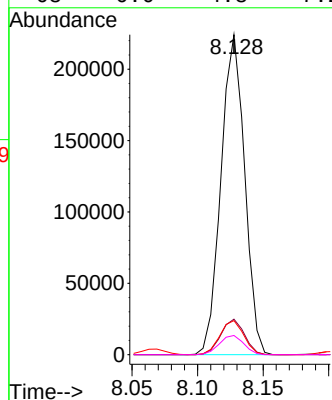
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 281315

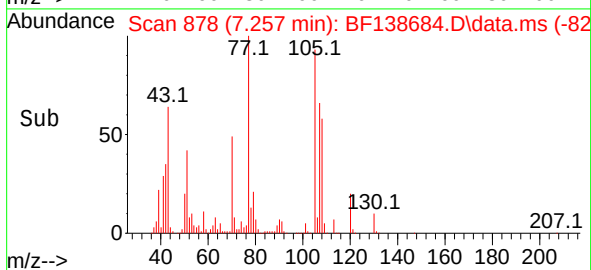
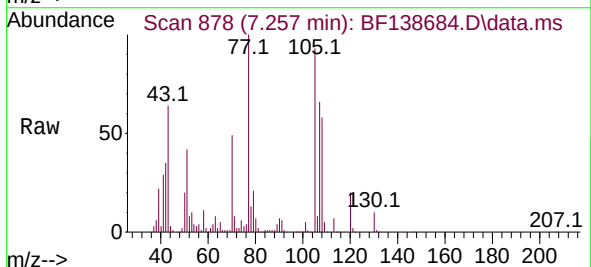
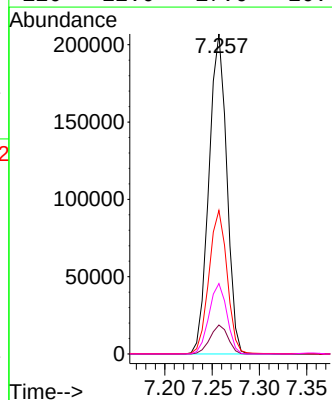
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.7	8.6	12.8
68	6.0	4.8	7.2

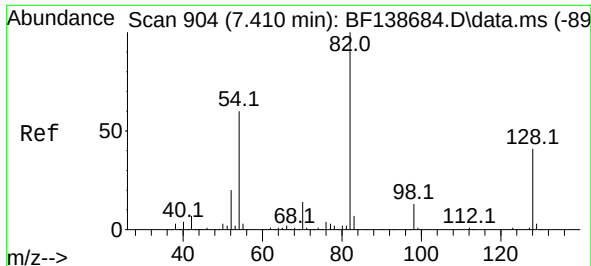


#22
Acetophenone
Concen: 39.378 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

Tgt Ion:105 Resp: 271238

Ion	Ratio	Lower	Upper
105	100		
71	9.0	7.2	10.8
51	44.9	35.9	53.9
120	22.0	17.6	26.4

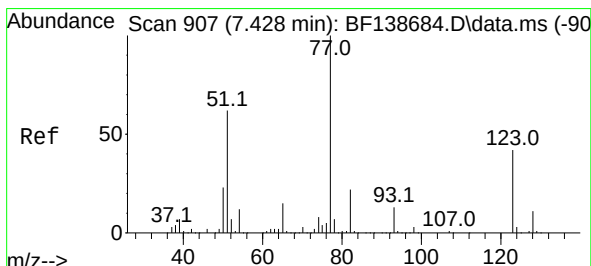
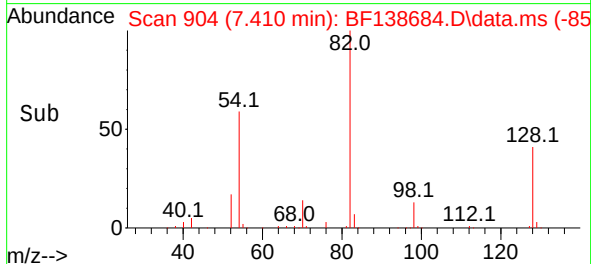
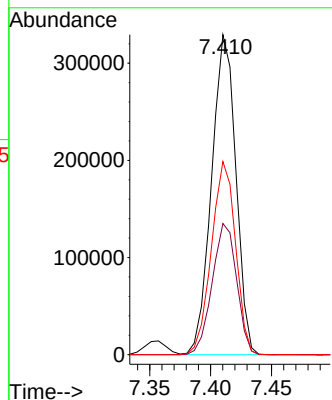
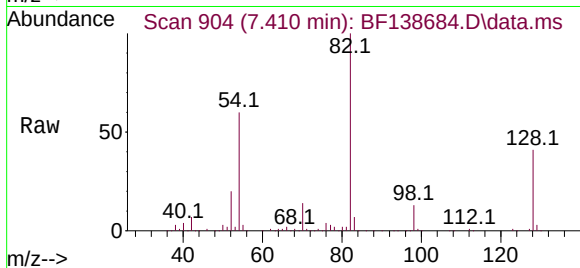




#23
Nitrobenzene-d5
Concen: 79.539 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

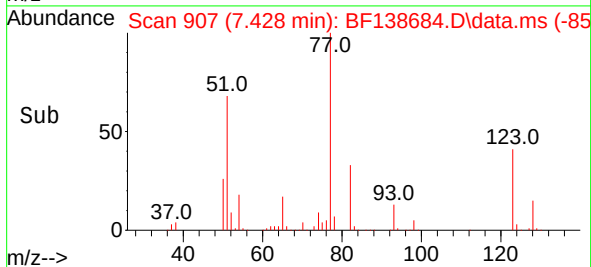
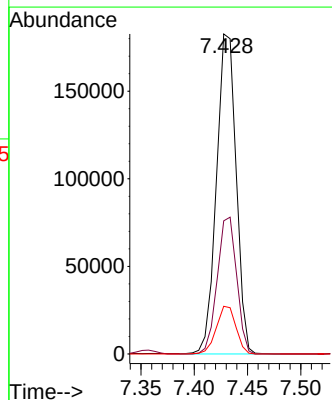
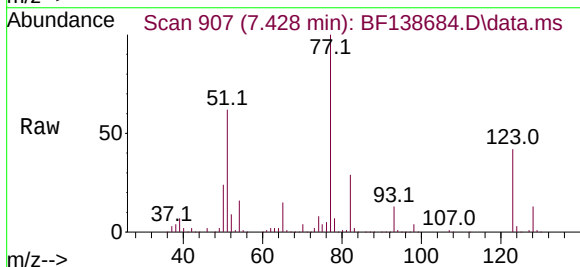
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

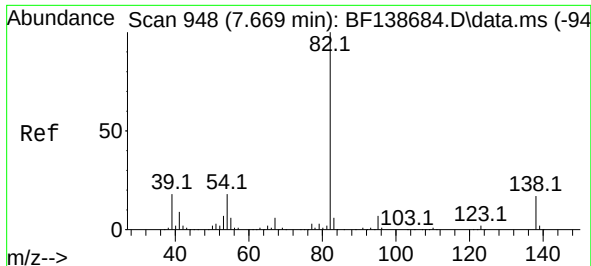
Tgt Ion: 82 Resp: 457661
Ion Ratio Lower Upper
82 100
128 41.0 32.8 49.2
54 60.4 48.3 72.5



#24
Nitrobenzene
Concen: 40.040 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

Tgt Ion: 77 Resp: 234435
Ion Ratio Lower Upper
77 100
123 41.6 33.3 49.9
65 14.9 11.9 17.9

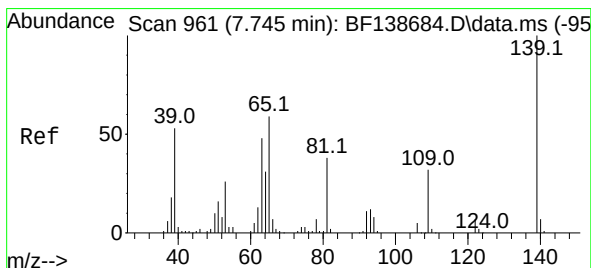
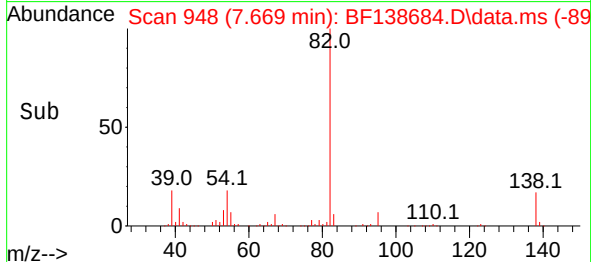
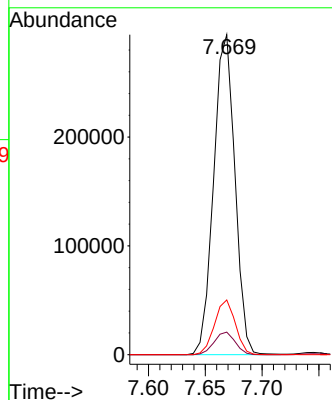
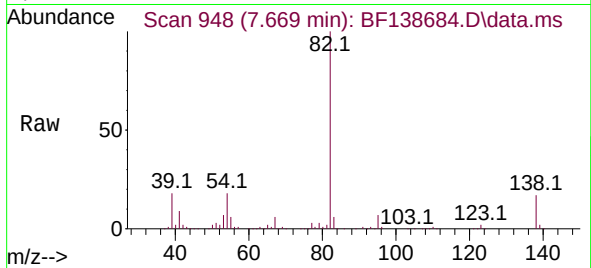




#25
Isophorone
Concen: 38.969 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

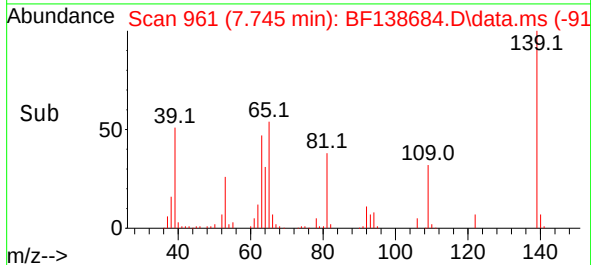
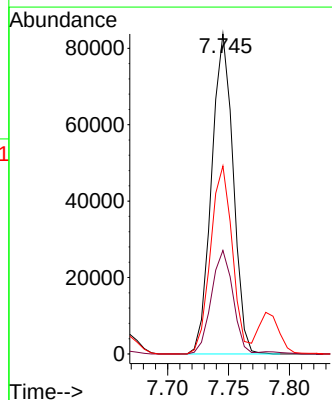
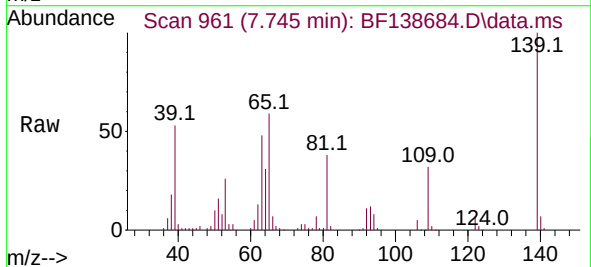
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

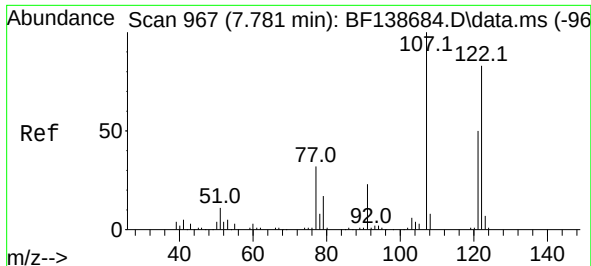
Tgt Ion: 82 Resp: 382875
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 17.1 13.7 20.5



#26
2-Nitrophenol
Concen: 40.990 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

Tgt Ion:139 Resp: 103255
Ion Ratio Lower Upper
139 100
109 32.4 25.9 38.9
65 58.8 47.0 70.6

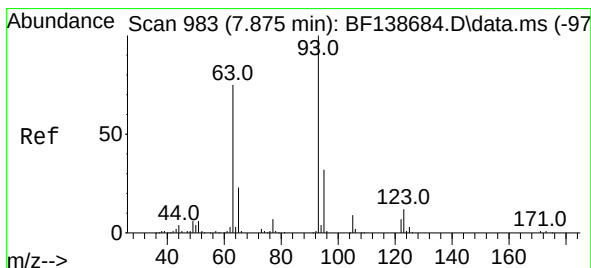
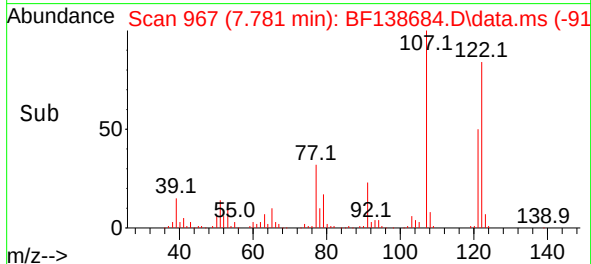
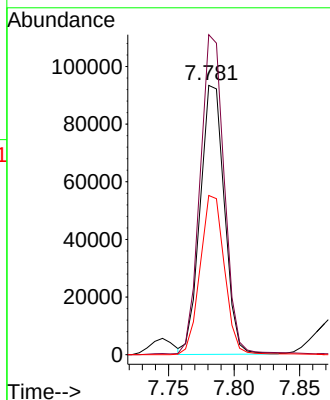
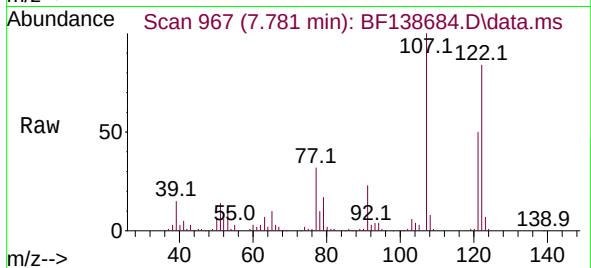




#27
2,4-Dimethylphenol
Concen: 39.890 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

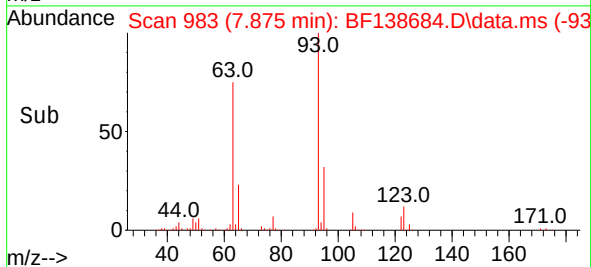
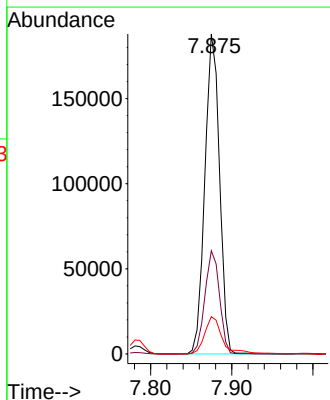
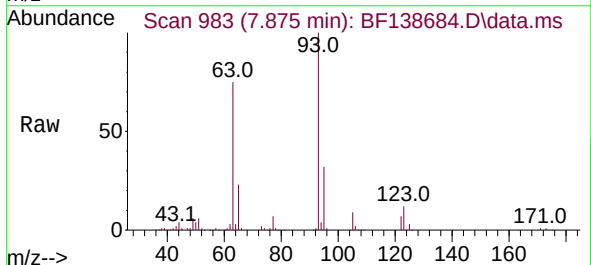
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

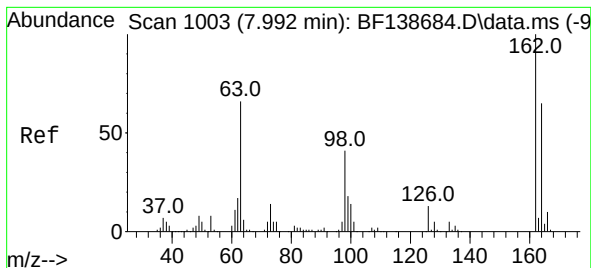
Tgt Ion:122 Resp: 120225
Ion Ratio Lower Upper
122 100
107 118.8 95.0 142.6
121 59.1 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 39.348 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

Tgt Ion: 93 Resp: 235424
Ion Ratio Lower Upper
93 100
95 32.3 25.8 38.8
123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 40.030 ng

RT: 7.992 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

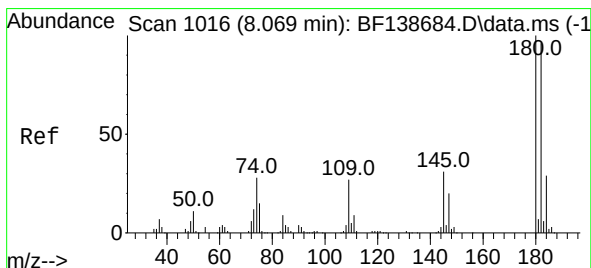
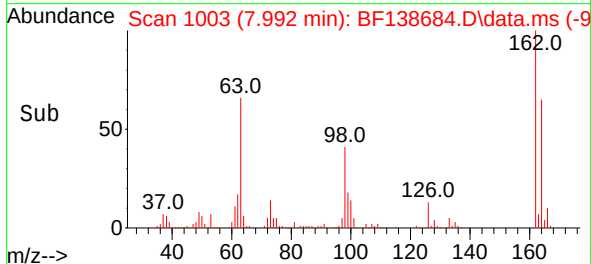
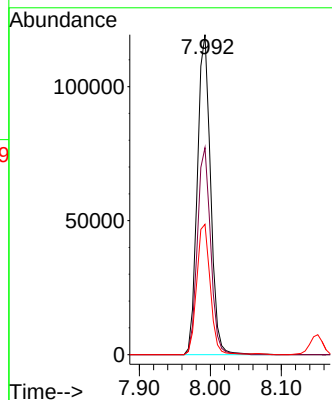
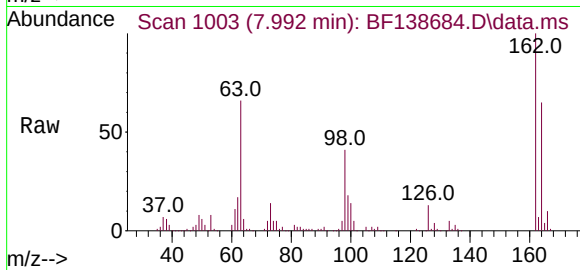
Tgt Ion:162 Resp: 155028

Ion Ratio Lower Upper

162 100

164 64.7 44.7 84.7

98 40.8 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 39.835 ng

RT: 8.069 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

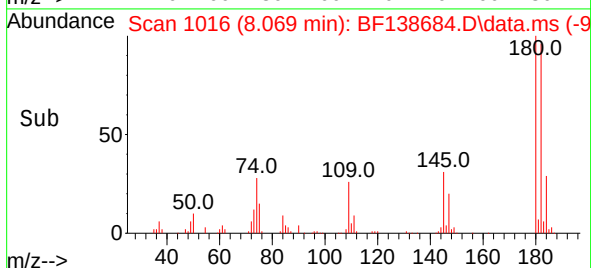
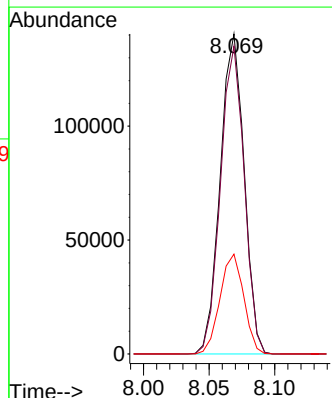
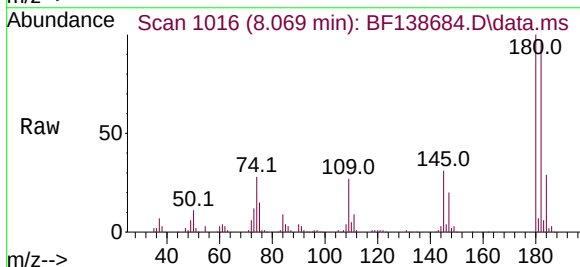
Tgt Ion:180 Resp: 178035

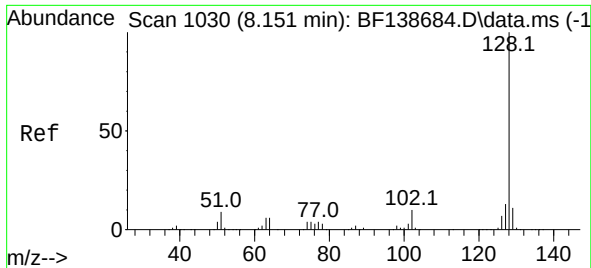
Ion Ratio Lower Upper

180 100

182 96.1 76.9 115.3

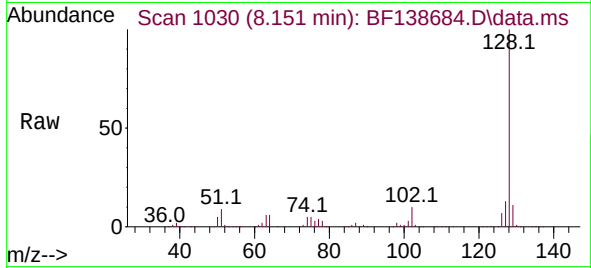
145 31.2 25.0 37.4



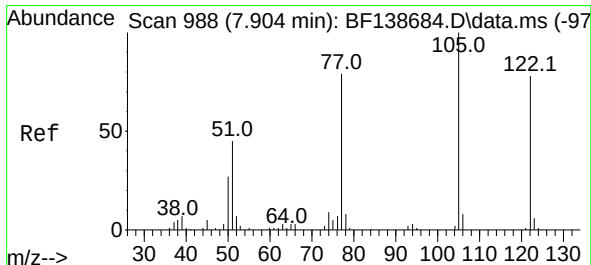
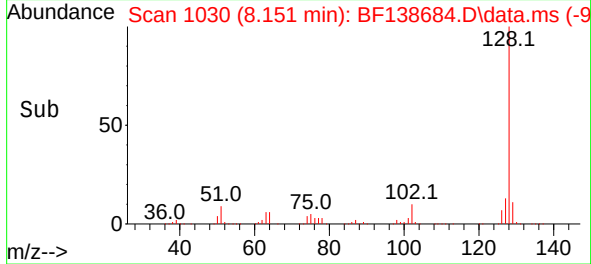
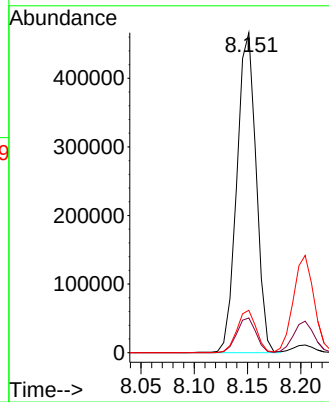


#31
Naphthalene
Concen: 39.655 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

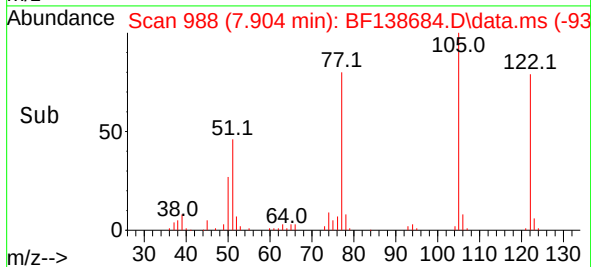
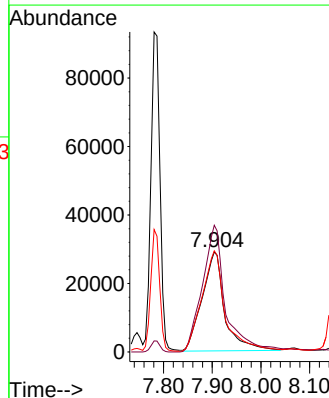
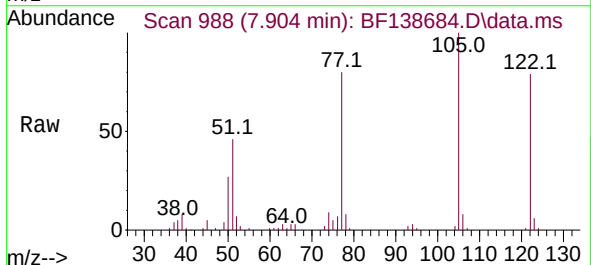


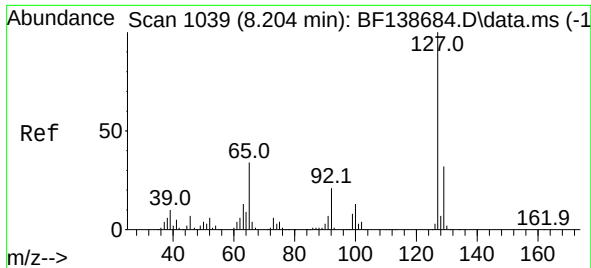
Tgt Ion:128 Resp: 587199
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 39.389 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

Tgt Ion:122 Resp: 93278
Ion Ratio Lower Upper
122 100
105 126.7 106.7 146.7
77 101.1 81.1 121.1

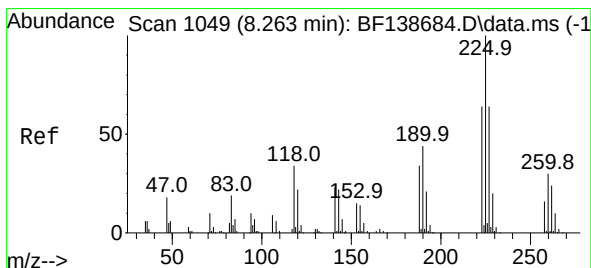
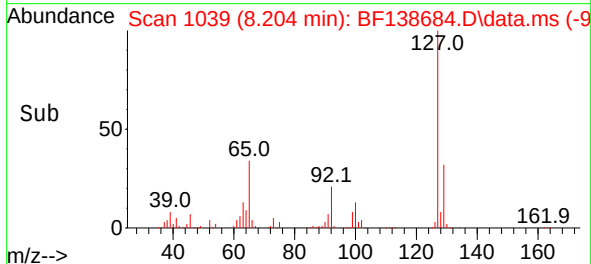
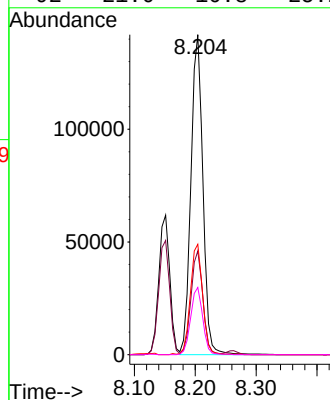
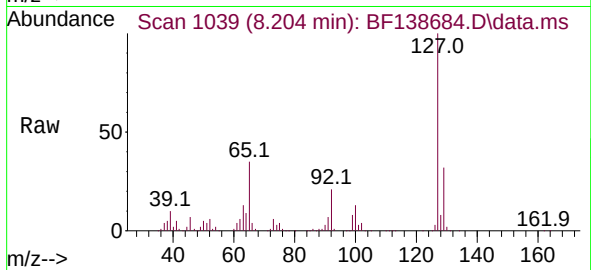




#33
4-Chloroaniline
Concen: 39.130 ng
RT: 8.204 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

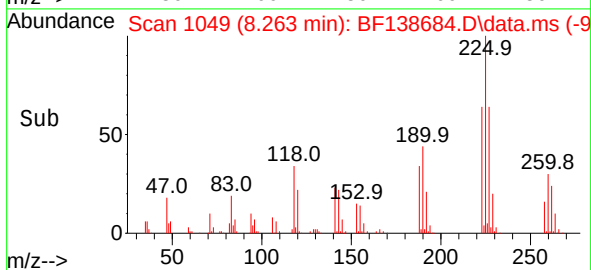
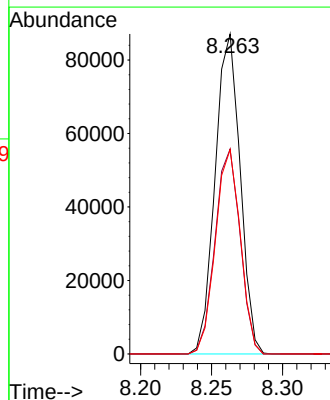
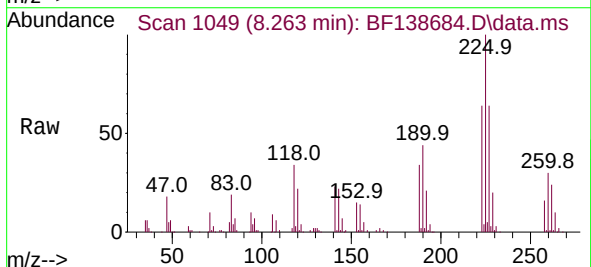
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

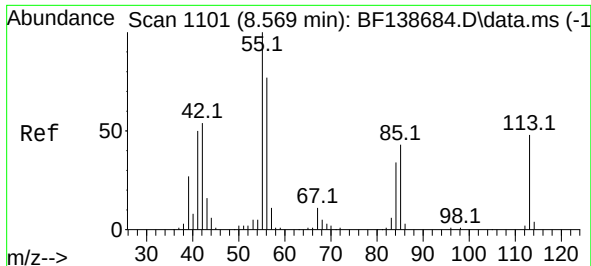
Tgt Ion:	127	Resp:	194499
Ion Ratio	Lower	Upper	
127	100		
129	32.4	25.9	38.9
65	34.5	27.6	41.4
92	21.0	16.8	25.2



#34
Hexachlorobutadiene
Concen: 39.476 ng
RT: 8.263 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

Tgt Ion:	225	Resp:	106863
Ion Ratio	Lower	Upper	
225	100		
223	64.0	51.2	76.8
227	63.9	51.1	76.7





#35

Caprolactam

Concen: 37.984 ng

RT: 8.569 min Scan# 1101

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

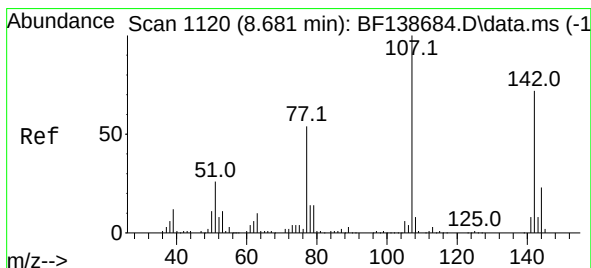
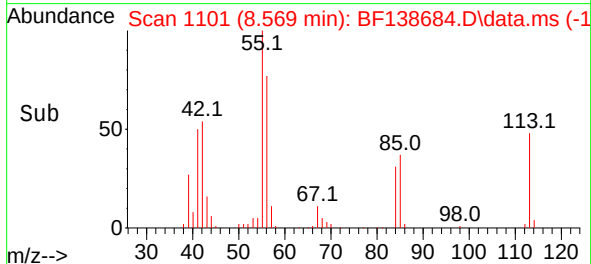
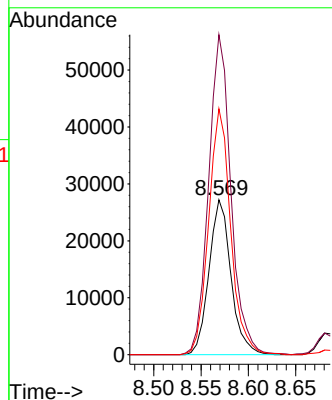
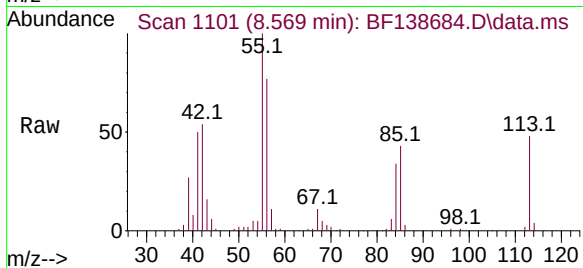
Tgt Ion:113 Resp: 43894

Ion Ratio Lower Upper

113 100

55 206.7 186.7 226.7

56 158.9 138.9 178.9



#36

4-Chloro-3-methylphenol

Concen: 38.983 ng

RT: 8.681 min Scan# 1120

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

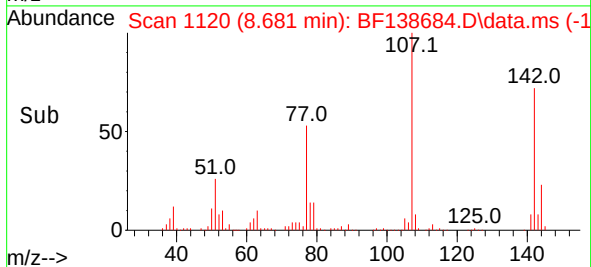
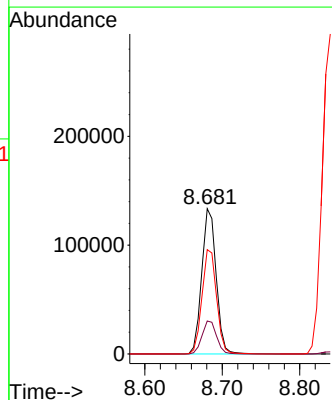
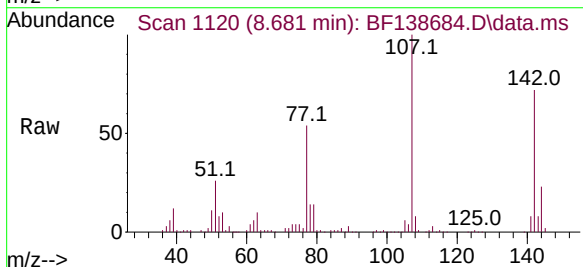
Tgt Ion:107 Resp: 172540

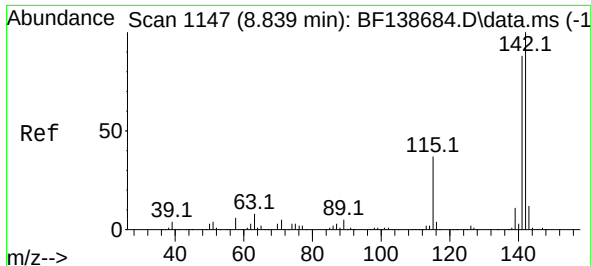
Ion Ratio Lower Upper

107 100

144 22.7 18.2 27.2

142 71.8 57.4 86.2





#37

2-Methylnaphthalene

Concen: 39.019 ng

RT: 8.839 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

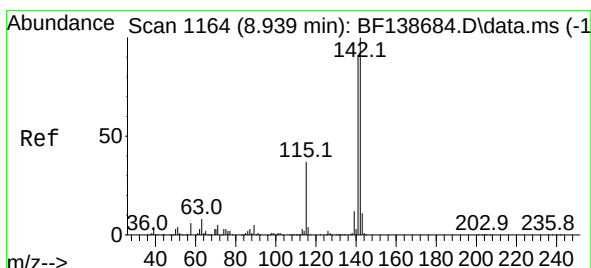
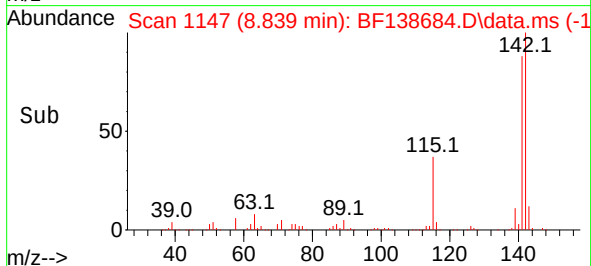
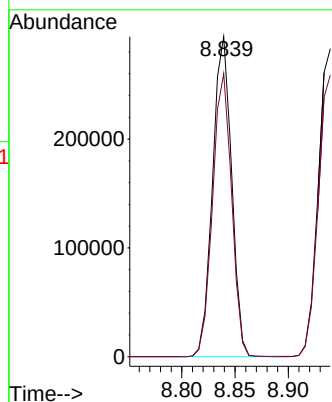
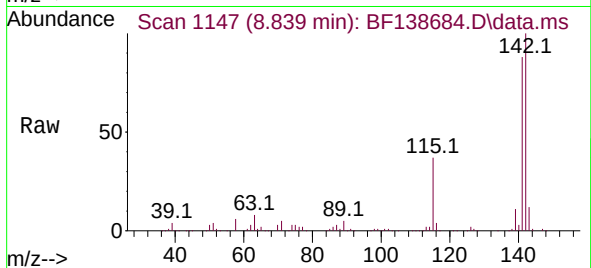
SSTDICCC040

Tgt Ion:142 Resp: 364899

Ion Ratio Lower Upper

142 100

141 88.5 70.8 106.2



#38

1-Methylnaphthalene

Concen: 39.045 ng

RT: 8.939 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF138684.D

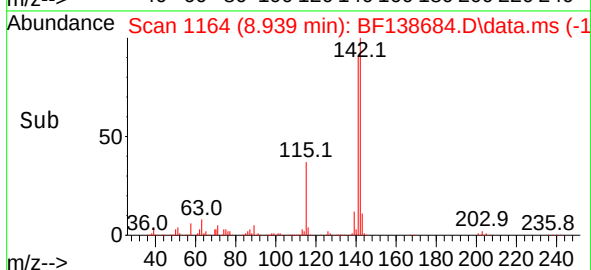
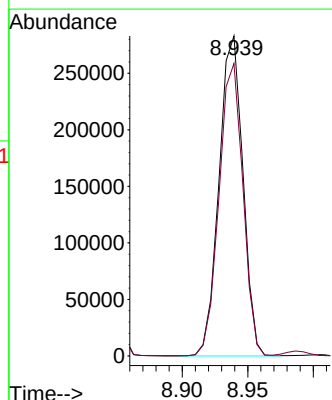
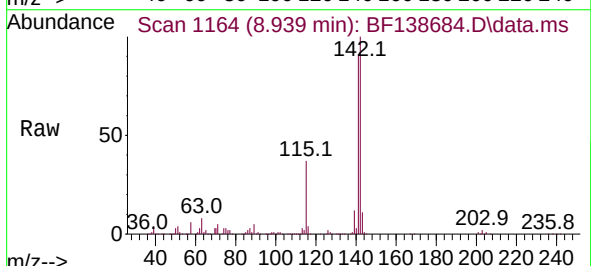
Acq: 30 Jul 2024 14:56

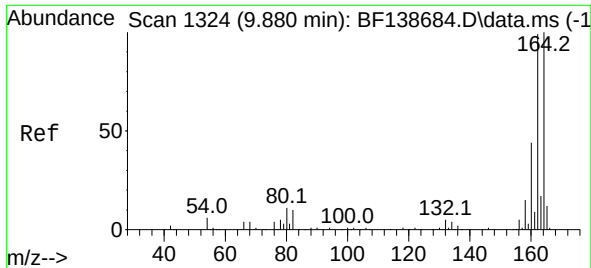
Tgt Ion:142 Resp: 357806

Ion Ratio Lower Upper

142 100

141 91.4 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1175

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

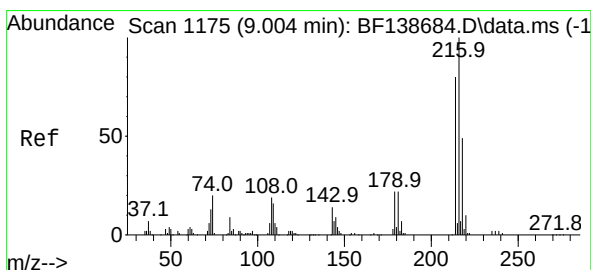
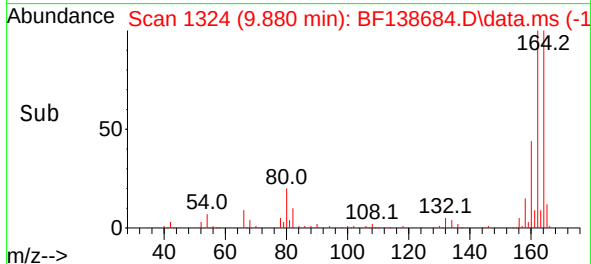
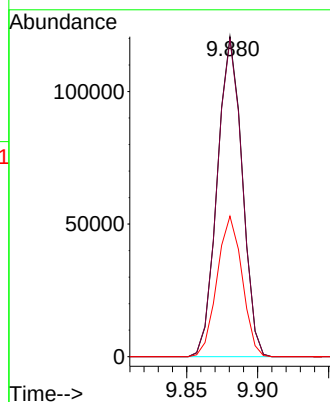
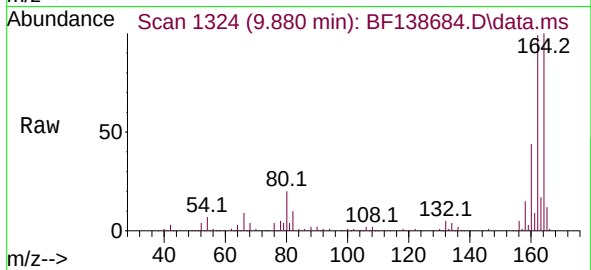
Tgt Ion:164 Resp: 146962

Ion Ratio Lower Upper

164 100

162 99.2 79.4 119.0

160 43.9 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.628 ng

RT: 9.004 min Scan# 1175

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Tgt Ion:216 Resp: 161777

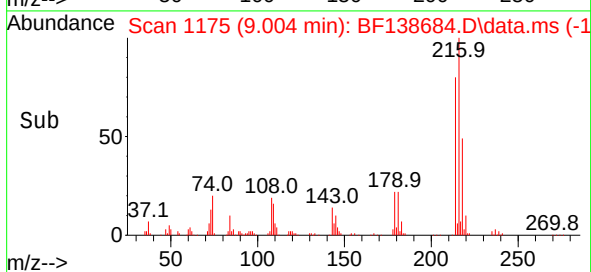
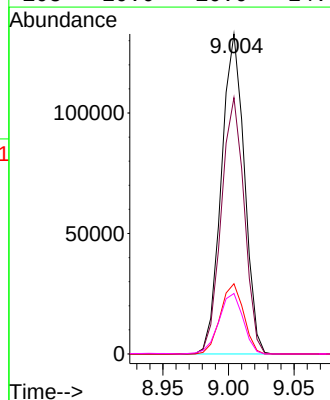
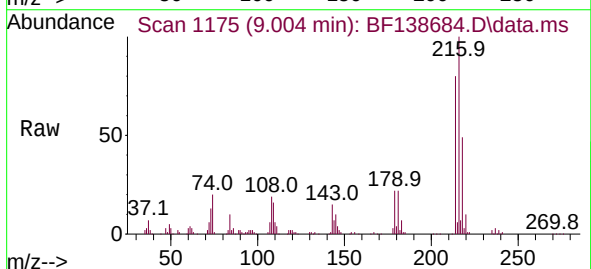
Ion Ratio Lower Upper

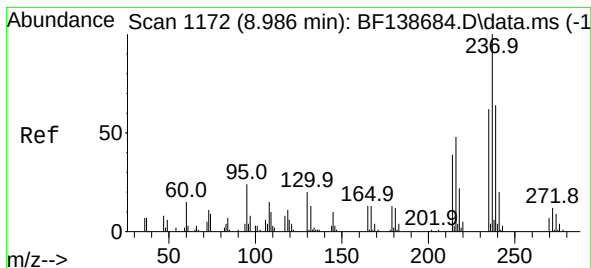
216 100

214 79.9 63.9 95.9

179 22.2 17.8 26.6

108 20.0 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 38.484 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

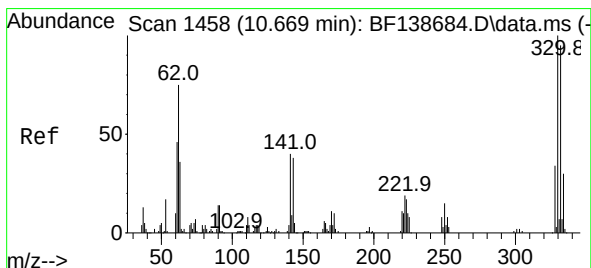
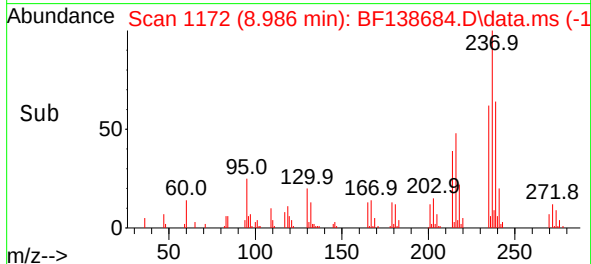
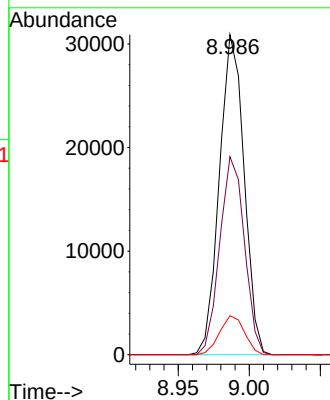
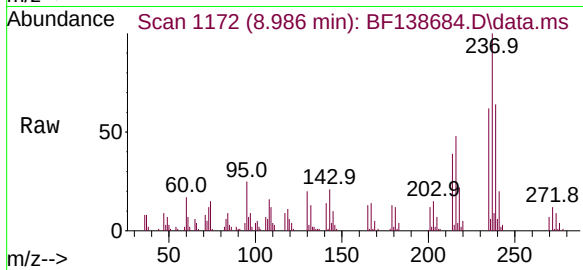
Tgt Ion:237 Resp: 37306

Ion Ratio Lower Upper

237 100

235 61.8 41.8 81.8

272 12.2 0.0 32.2



#42

2,4,6-Tribromophenol

Concen: 77.638 ng

RT: 10.669 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

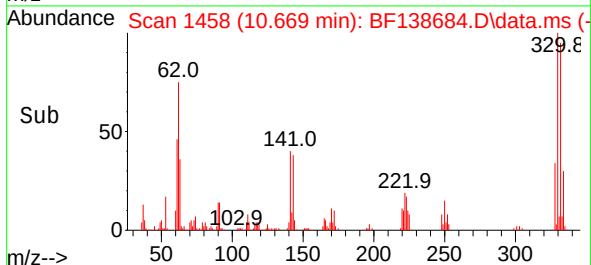
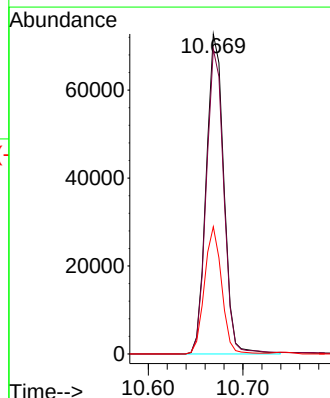
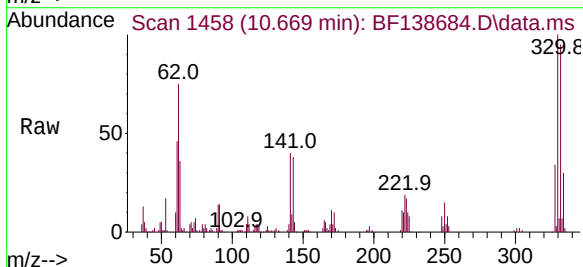
Tgt Ion:330 Resp: 93462

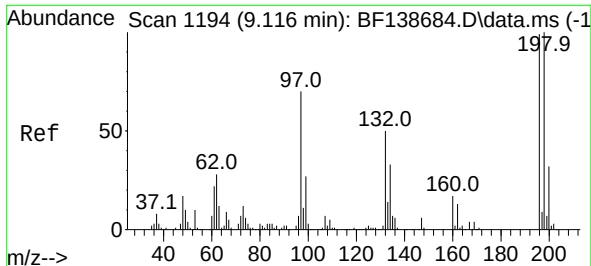
Ion Ratio Lower Upper

330 100

332 95.5 76.4 114.6

141 38.9 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 39.709 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF138684.D

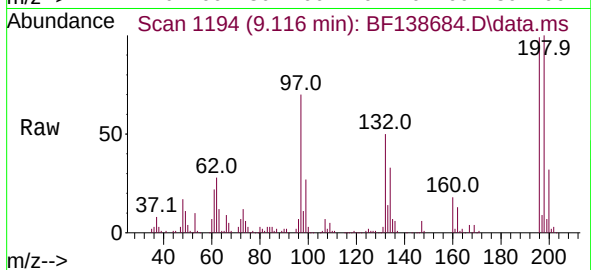
Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



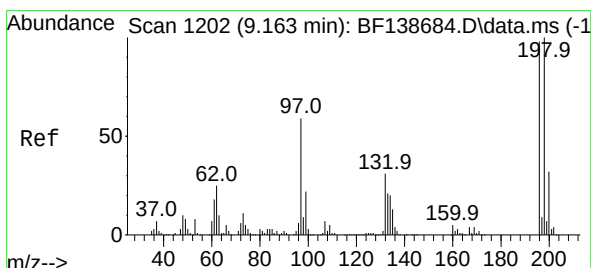
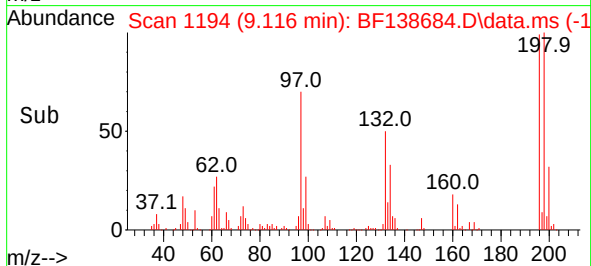
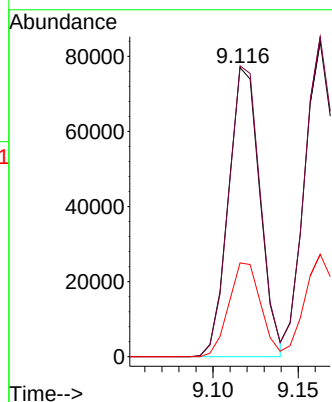
Tgt Ion:196 Resp: 98841

Ion Ratio Lower Upper

196 100

198 100.6 80.5 120.7

200 32.4 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 39.788 ng

RT: 9.163 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Tgt Ion:196 Resp: 108268

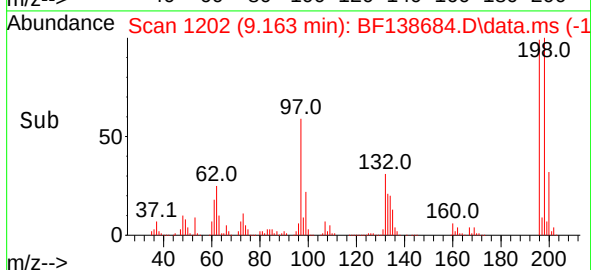
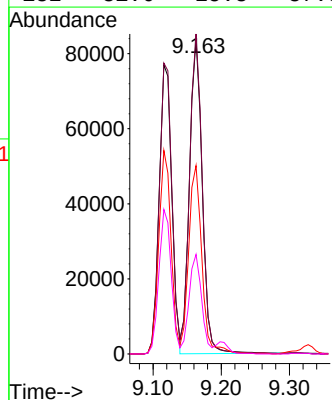
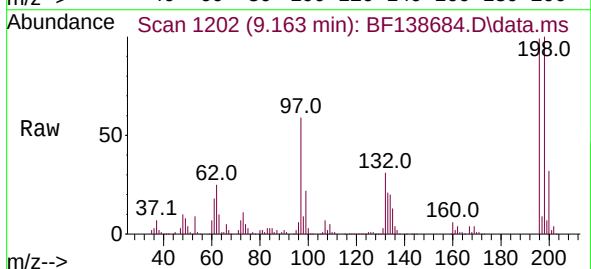
Ion Ratio Lower Upper

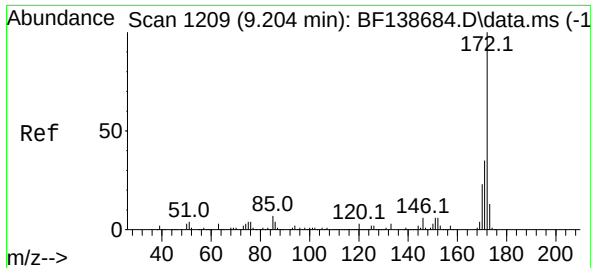
196 100

198 101.5 81.2 121.8

97 59.7 47.8 71.6

132 31.6 25.3 37.9

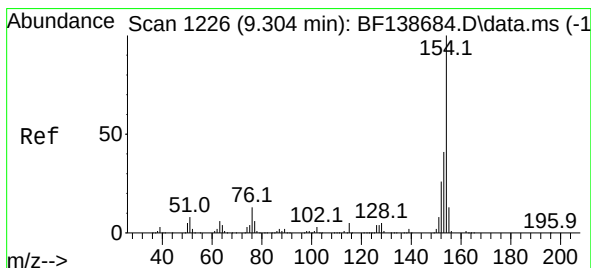
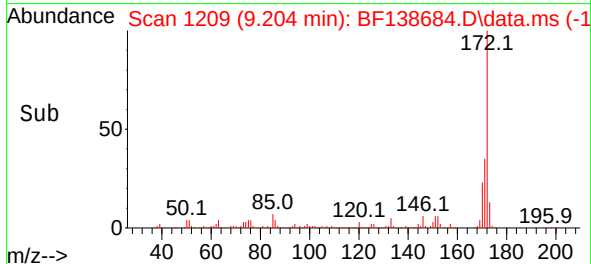
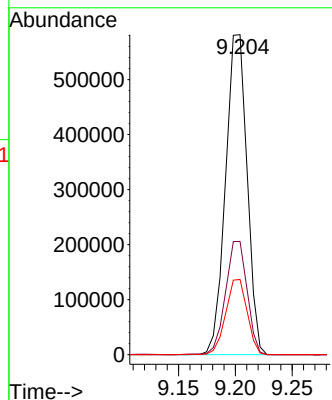
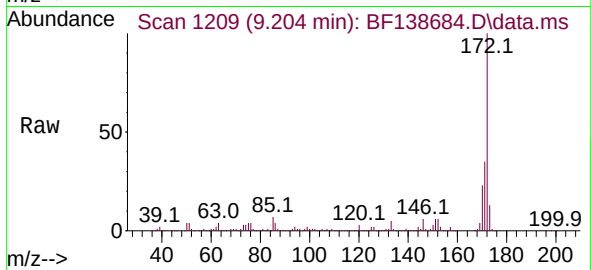




#45
2-Fluorobiphenyl
Concen: 78.480 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

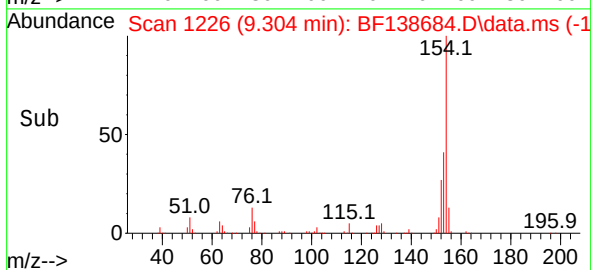
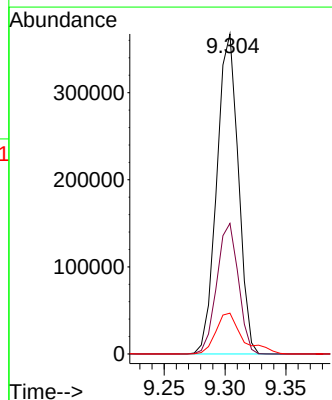
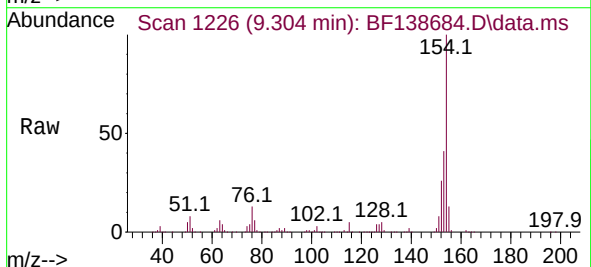
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

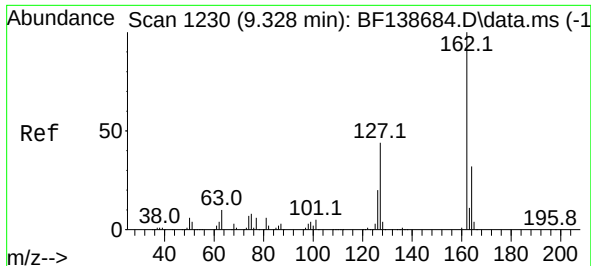
Tgt Ion:172 Resp: 767623
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.5 18.8 28.2



#46
1,1'-Biphenyl
Concen: 39.303 ng
RT: 9.304 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

Tgt Ion:154 Resp: 452377
Ion Ratio Lower Upper
154 100
153 40.8 20.8 60.8
76 12.8 0.0 32.8

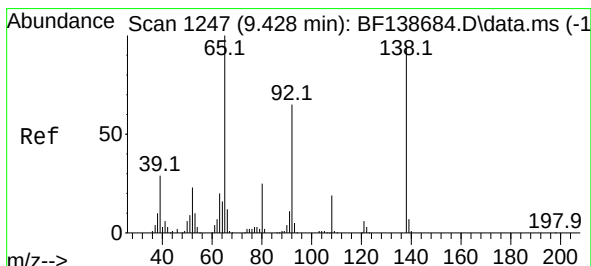
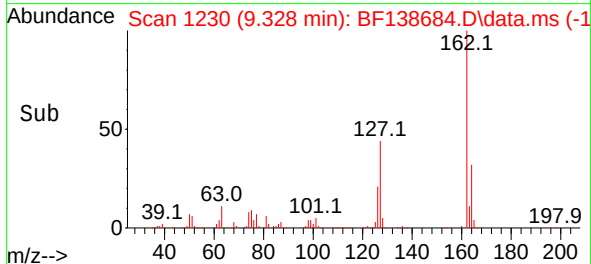
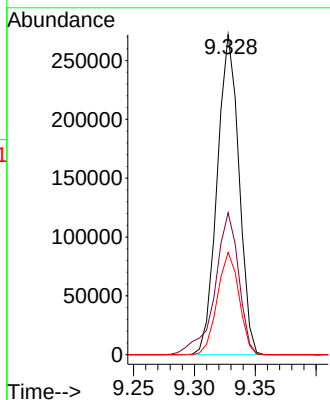
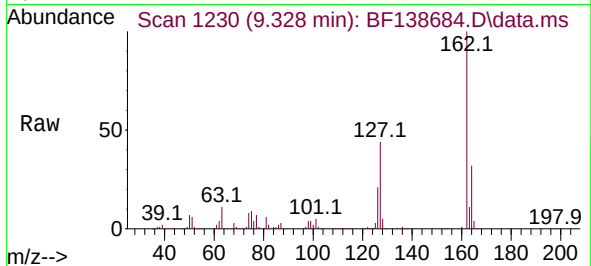




#47
2-Chloronaphthalene
Concen: 39.520 ng
RT: 9.328 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

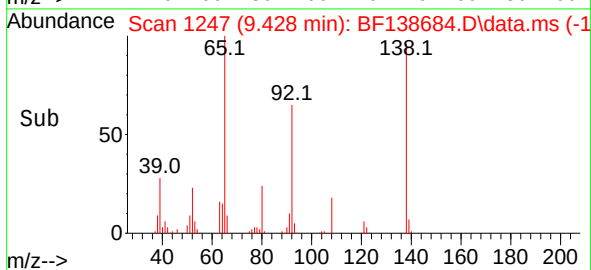
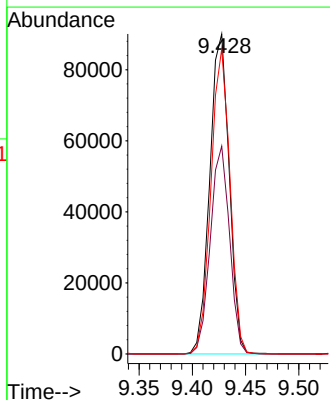
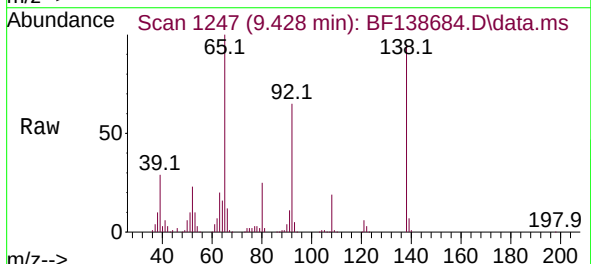
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

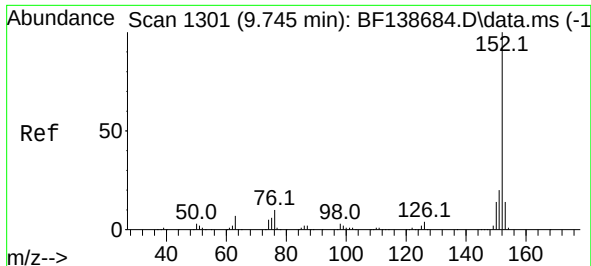
Tgt Ion:162 Resp: 338303
Ion Ratio Lower Upper
162 100
127 44.3 35.4 53.2
164 32.0 25.6 38.4



#48
2-Nitroaniline
Concen: 39.417 ng
RT: 9.428 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

Tgt Ion: 65 Resp: 114390
Ion Ratio Lower Upper
65 100
92 65.0 52.0 78.0
138 95.3 76.2 114.4





#49

Acenaphthylene

Concen: 39.633 ng

RT: 9.745 min Scan# 1301

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

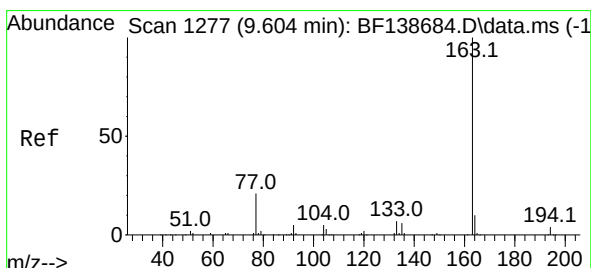
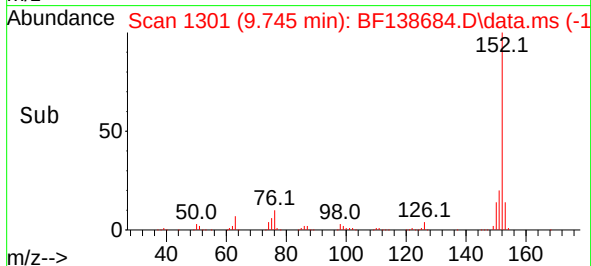
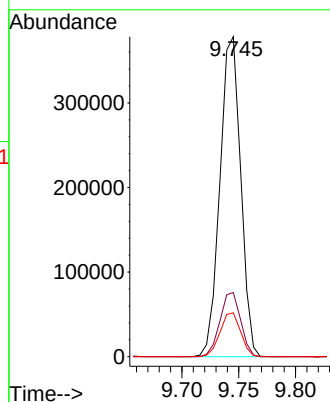
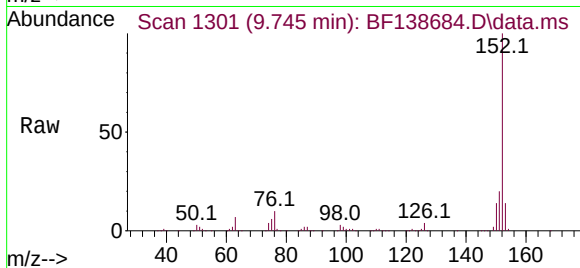
Tgt Ion:152 Resp: 481180

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.7 11.0 16.4



#50

Dimethylphthalate

Concen: 38.452 ng

RT: 9.604 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

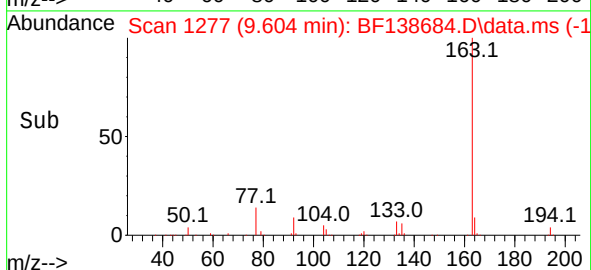
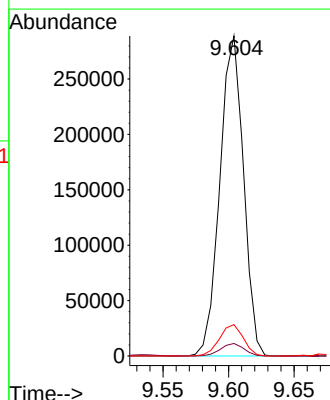
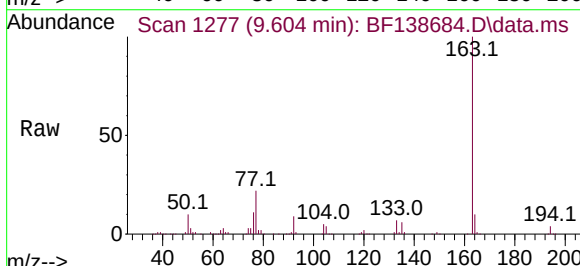
Tgt Ion:163 Resp: 361332

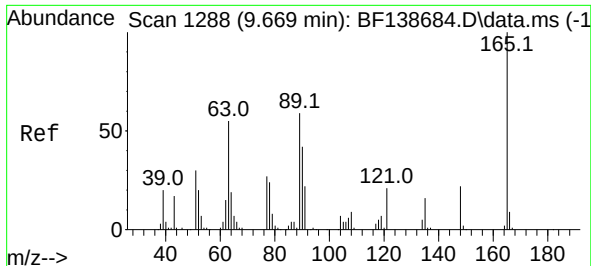
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 9.8 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 39.918 ng

RT: 9.669 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

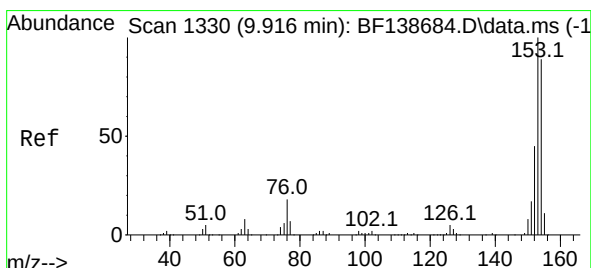
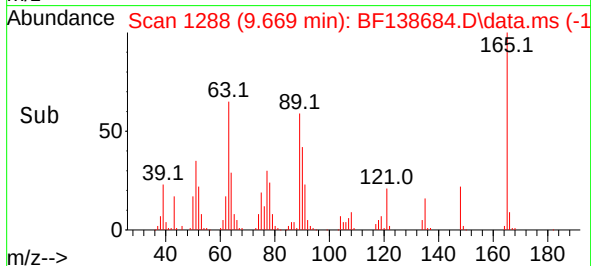
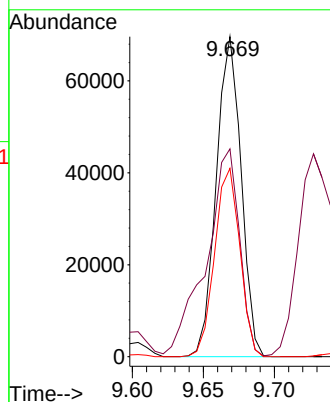
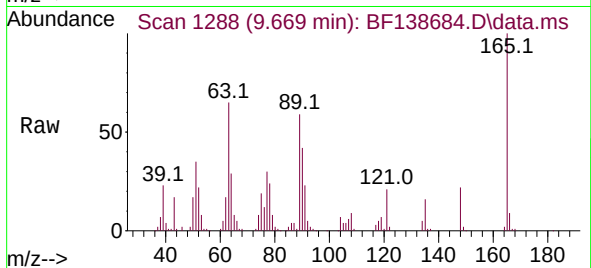
Tgt Ion:165 Resp: 84654

Ion Ratio Lower Upper

165 100

63 65.0 52.0 78.0

89 58.8 47.0 70.6



#52

Acenaphthene

Concen: 38.964 ng

RT: 9.916 min Scan# 1330

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

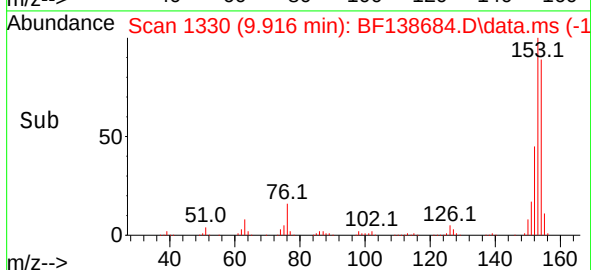
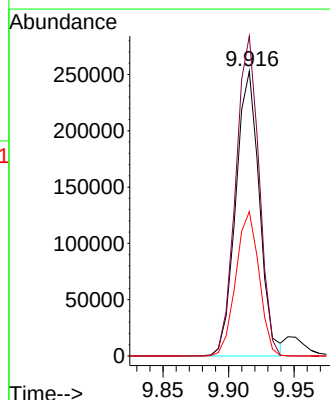
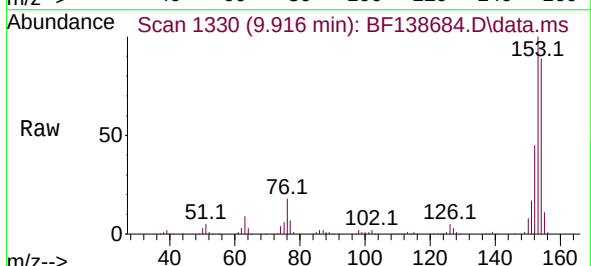
Tgt Ion:154 Resp: 318001

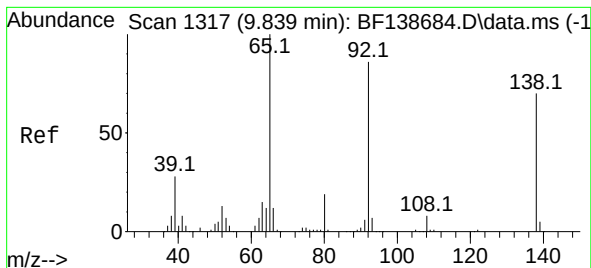
Ion Ratio Lower Upper

154 100

153 112.4 89.9 134.9

152 50.7 40.6 60.8





#53

3-Nitroaniline

Concen: 38.633 ng

RT: 9.839 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

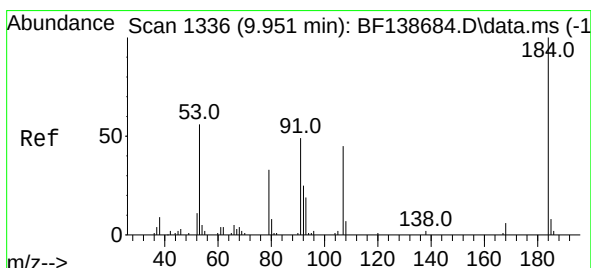
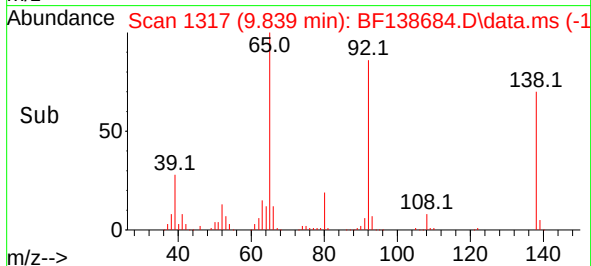
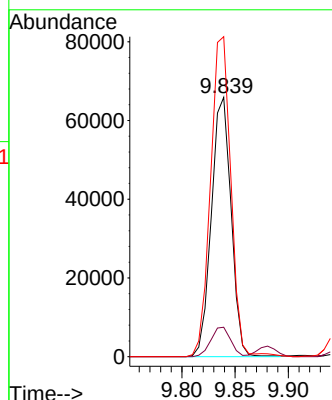
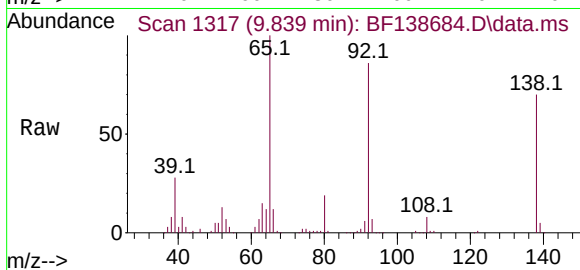
Tgt Ion:138 Resp: 84697

Ion Ratio Lower Upper

138 100

108 11.4 9.1 13.7

92 123.4 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 38.289 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

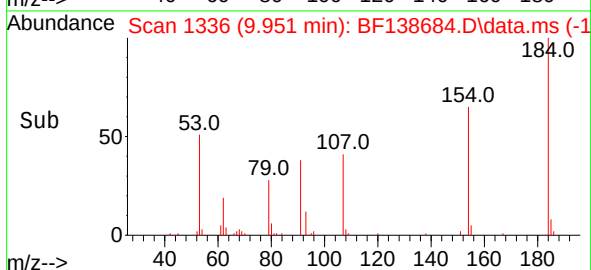
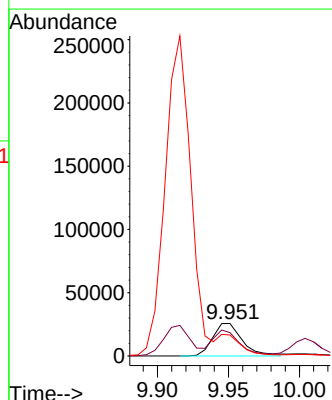
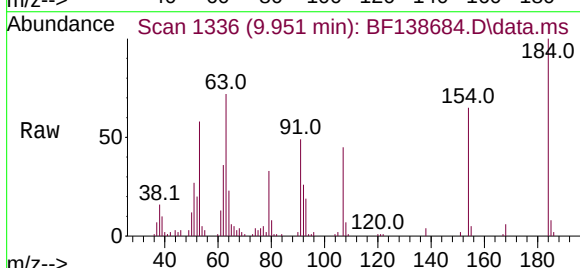
Tgt Ion:184 Resp: 37379

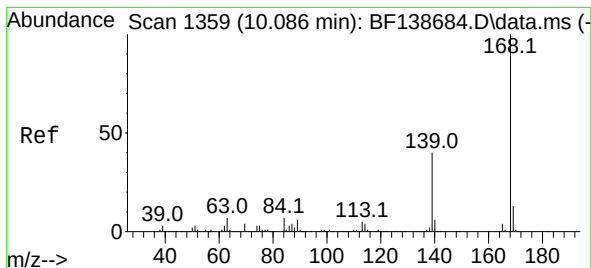
Ion Ratio Lower Upper

184 100

63 71.9 57.5 86.3

154 64.6 51.7 77.5





#55

Dibenzenofuran

Concen: 38.648 ng

RT: 10.086 min Scan# 1359

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

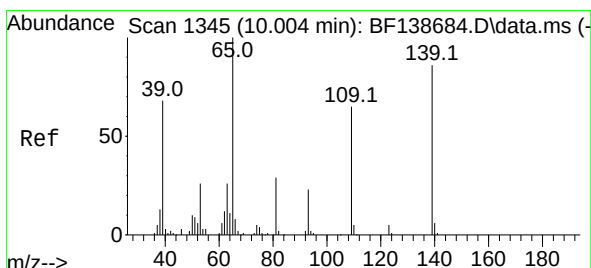
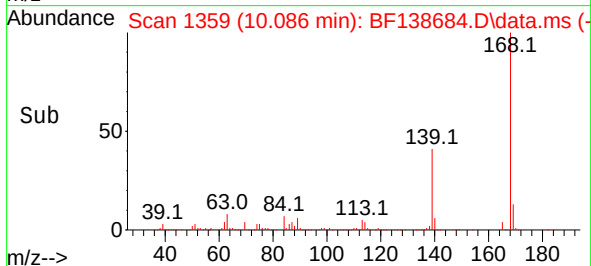
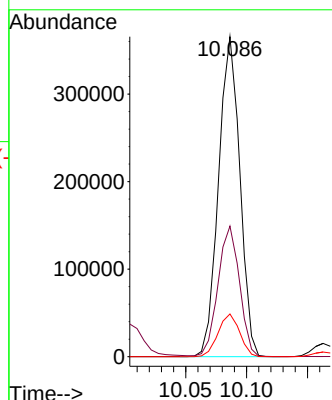
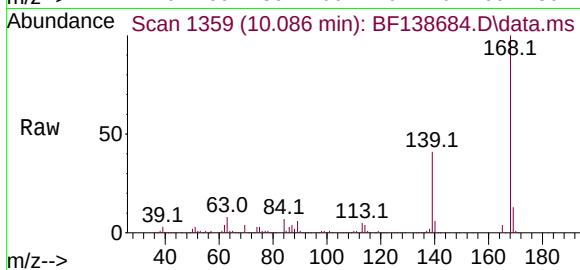
Tgt Ion:168 Resp: 445244

Ion Ratio Lower Upper

168 100

139 40.8 32.6 49.0

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 39.032 ng

RT: 10.004 min Scan# 1345

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

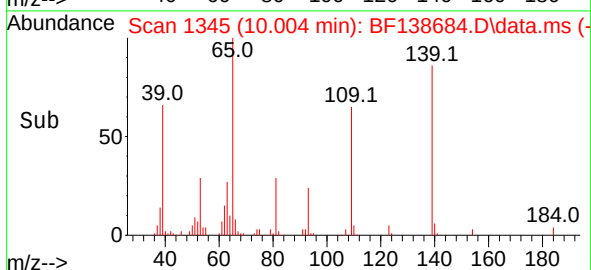
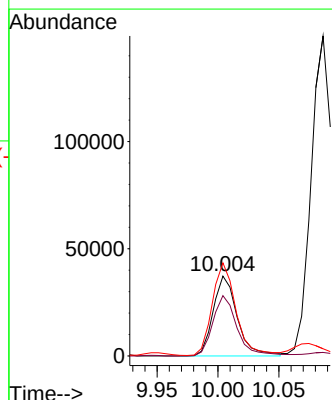
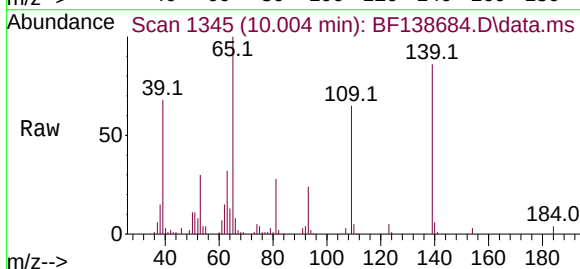
Tgt Ion:139 Resp: 51459

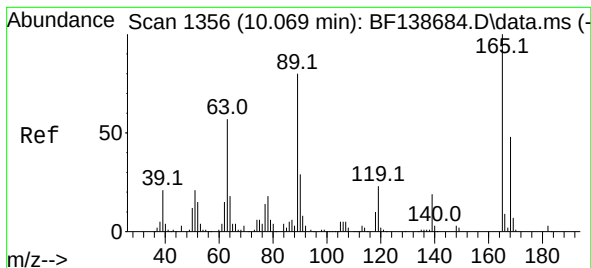
Ion Ratio Lower Upper

139 100

109 75.5 55.5 95.5

65 116.7 96.7 136.7

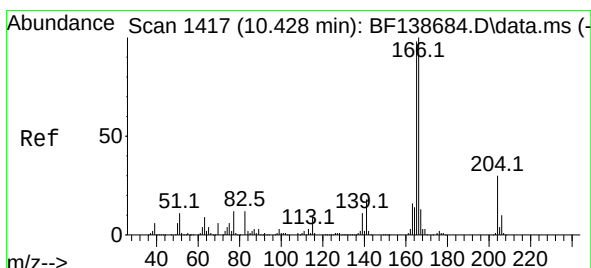
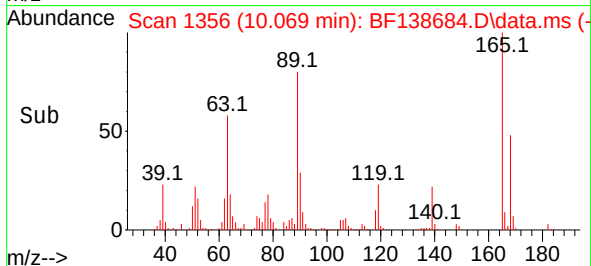
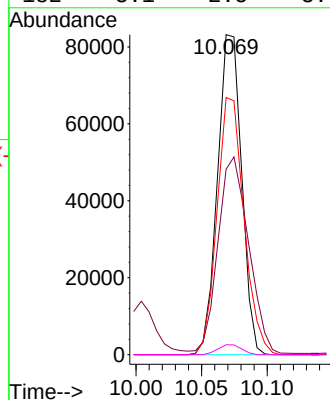
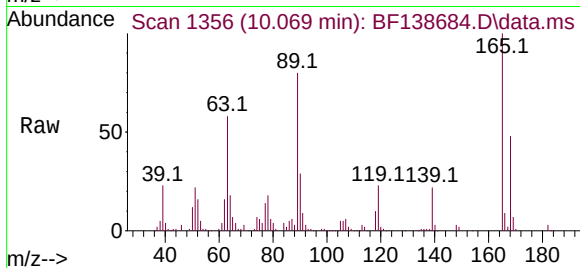




#57
2,4-Dinitrotoluene
Concen: 39.341 ng
RT: 10.069 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

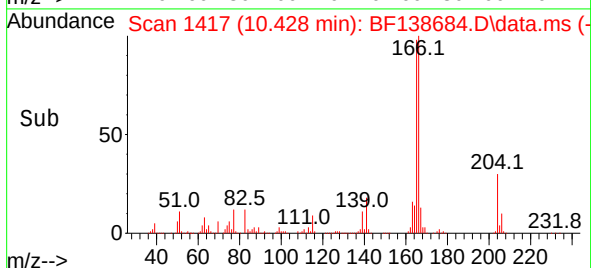
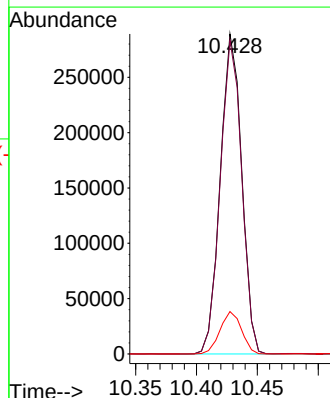
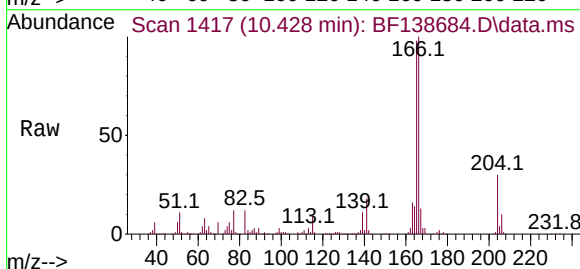
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

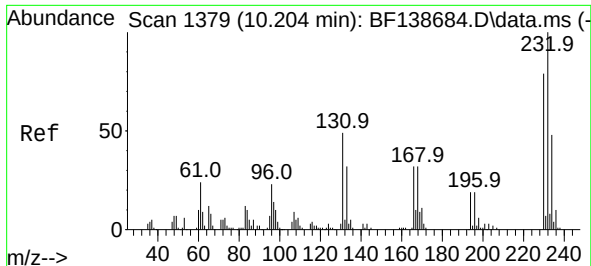
Tgt Ion:165 Resp: 106444
Ion Ratio Lower Upper
165 100
63 57.9 46.3 69.5
89 80.3 64.2 96.4
182 3.1 2.5 3.7



#58
Fluorene
Concen: 38.634 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

Tgt Ion:166 Resp: 354441
Ion Ratio Lower Upper
166 100
165 98.0 78.4 117.6
167 13.3 10.6 16.0

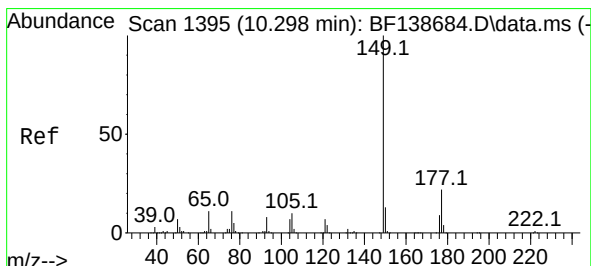
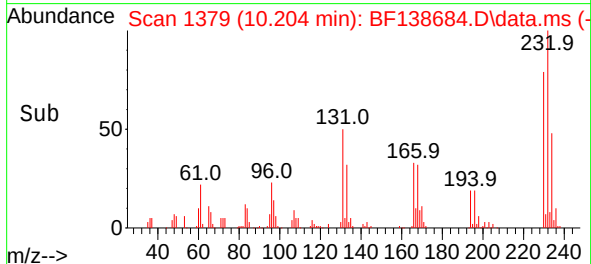
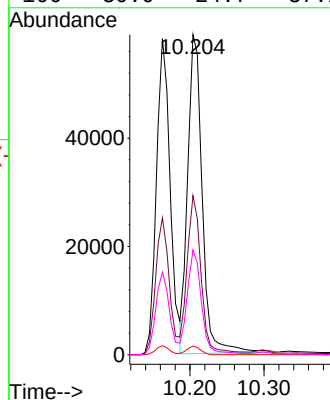
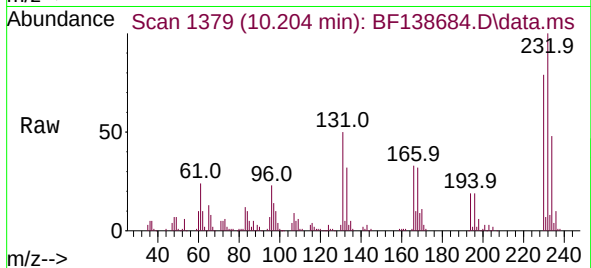




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.673 ng
RT: 10.204 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

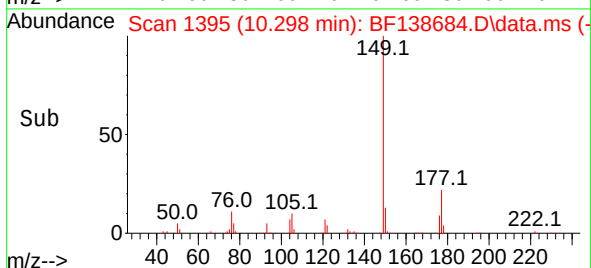
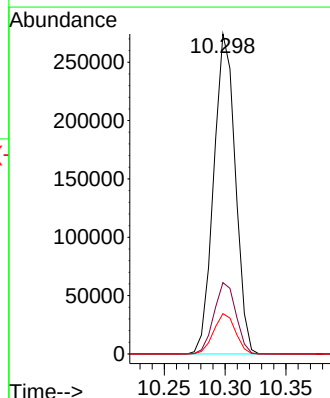
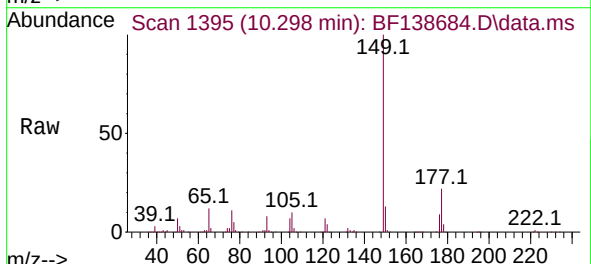
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

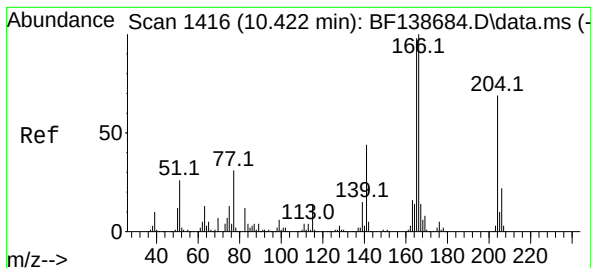
Tgt Ion:232 Resp: 80452
Ion Ratio Lower Upper
232 100
131 46.2 37.0 55.4
130 2.5 2.0 3.0
166 30.9 24.7 37.1



#60
Diethylphthalate
Concen: 38.114 ng
RT: 10.298 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

Tgt Ion:149 Resp: 339596
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 12.6 10.1 15.1

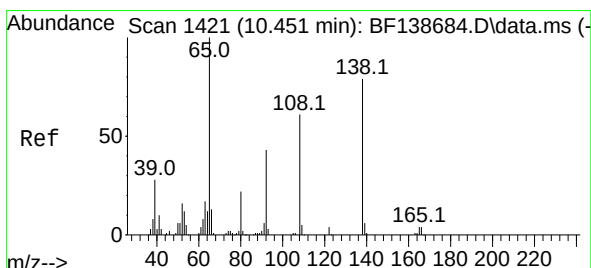
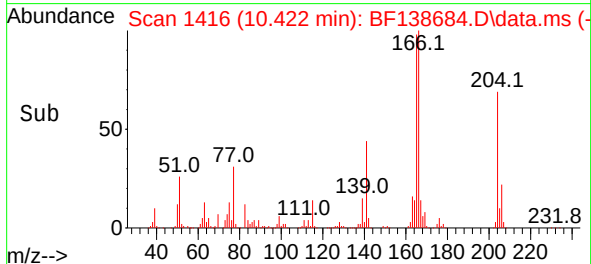
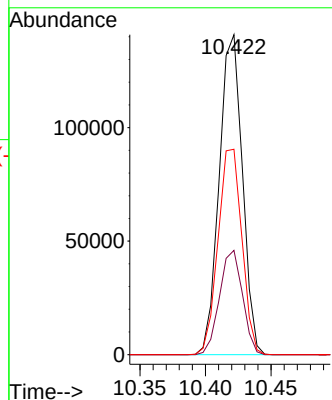
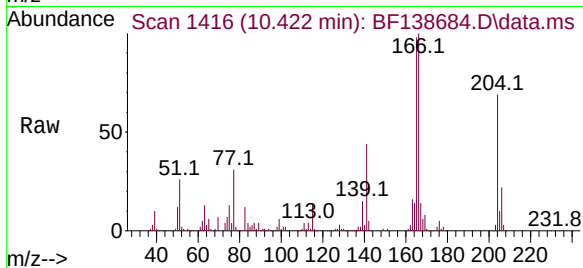




#61
4-Chlorophenyl-phenylether
Concen: 38.346 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

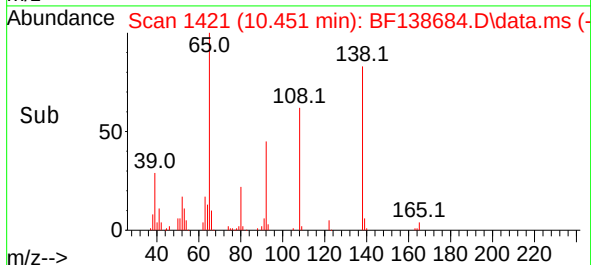
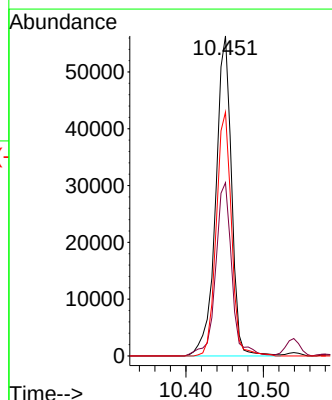
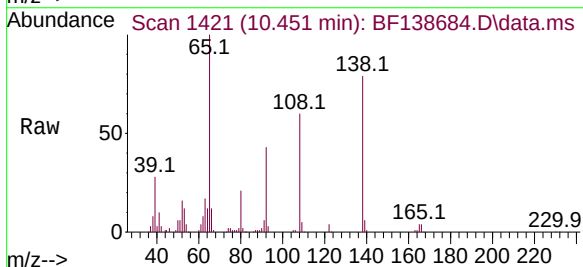
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

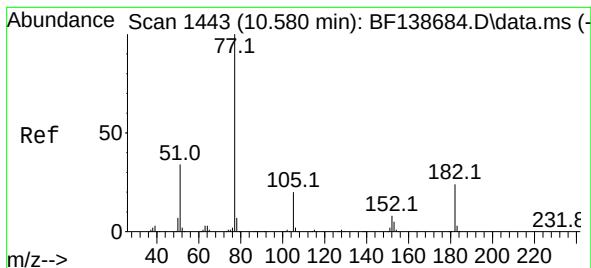
Tgt Ion:204 Resp: 173020
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 64.2 51.4 77.0



#62
4-Nitroaniline
Concen: 38.360 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

Tgt Ion:138 Resp: 79919
Ion Ratio Lower Upper
138 100
92 54.2 34.2 74.2
108 76.2 56.2 96.2





#63

Azobenzene

Concen: 38.662 ng

RT: 10.580 min Scan# 1443

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 382056

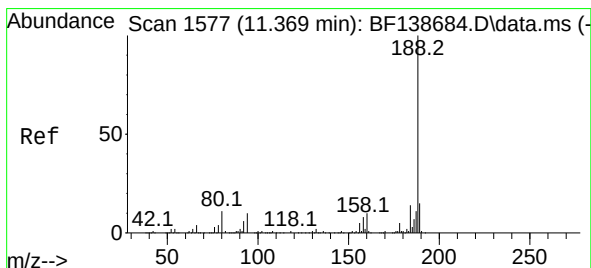
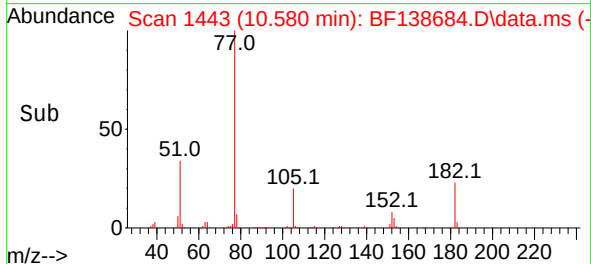
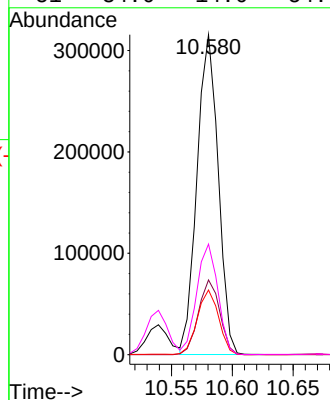
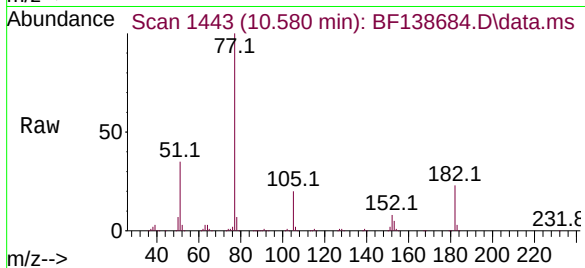
Ion Ratio Lower Upper

77 100

182 23.4 3.4 43.4

105 20.2 0.2 40.2

51 34.6 14.6 54.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

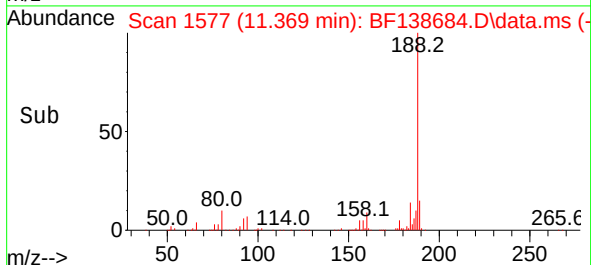
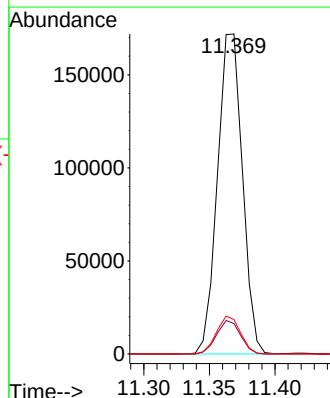
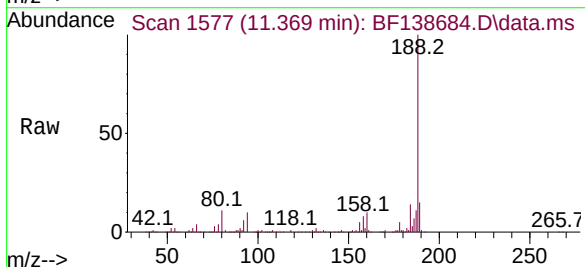
Tgt Ion: 188 Resp: 227513

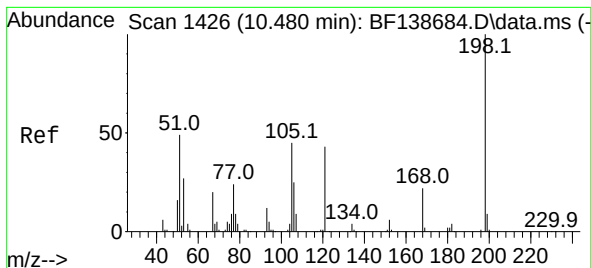
Ion Ratio Lower Upper

188 100

94 9.5 7.6 11.4

80 10.7 8.6 12.8

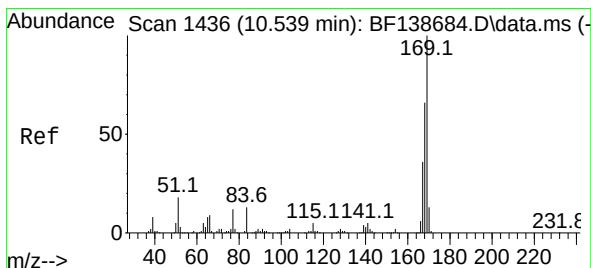
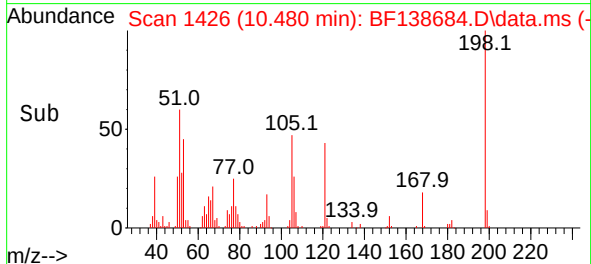
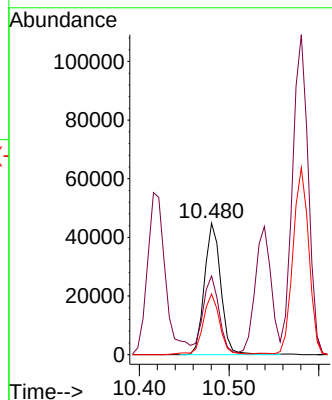
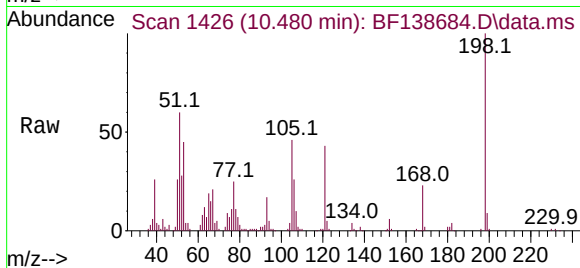




#65
4,6-Dinitro-2-methylphenol
Concen: 40.852 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

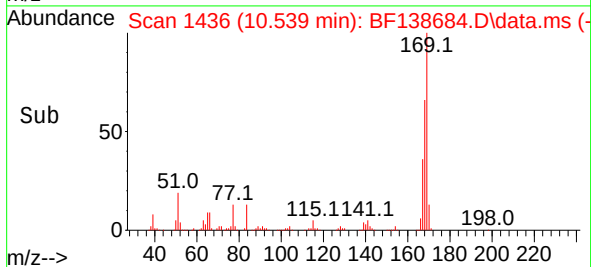
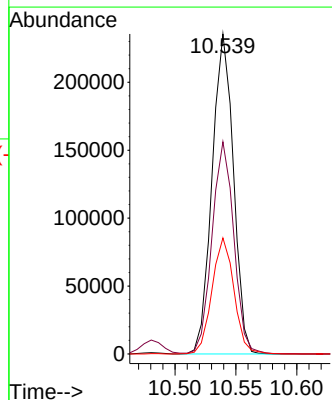
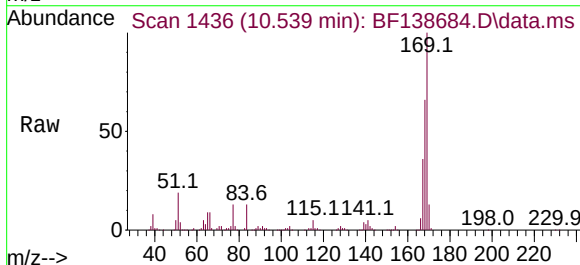
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

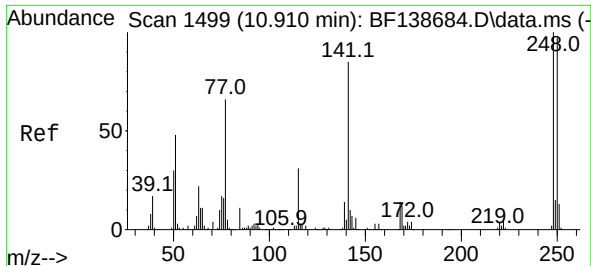
Tgt Ion:198 Resp: 56704
Ion Ratio Lower Upper
198 100
51 59.9 39.9 79.9
105 46.1 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 40.397 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

Tgt Ion:169 Resp: 287289
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.6
167 36.3 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 40.031 ng

RT: 10.910 min Scan# 1499

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

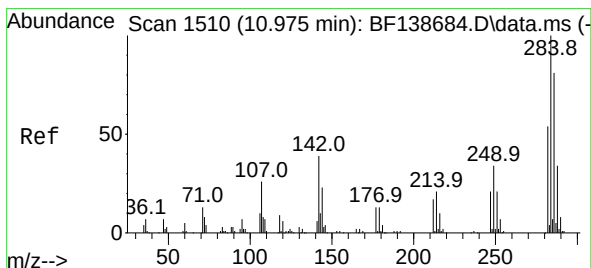
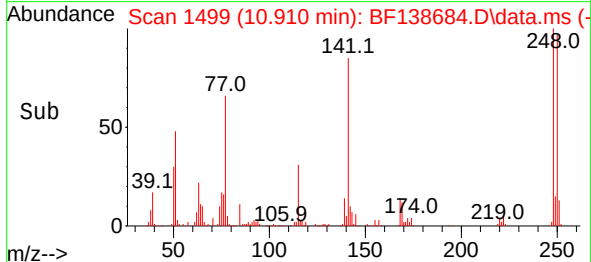
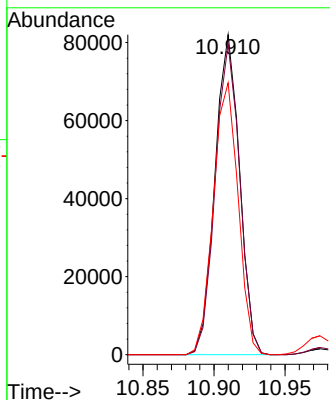
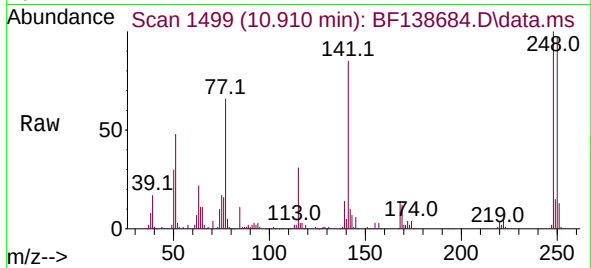
Tgt Ion:248 Resp: 98606

Ion Ratio Lower Upper

248 100

250 97.1 77.7 116.5

141 85.0 68.0 102.0



#68

Hexachlorobenzene

Concen: 39.354 ng

RT: 10.975 min Scan# 1510

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

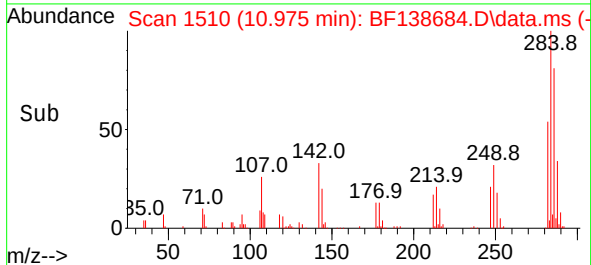
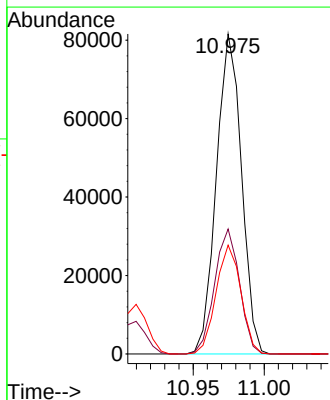
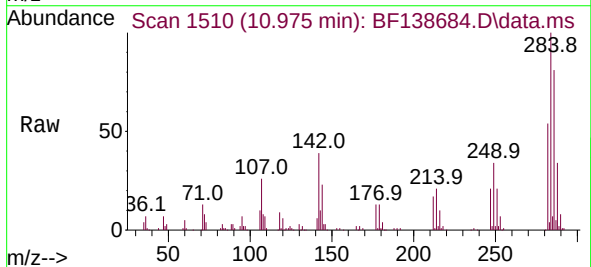
Tgt Ion:284 Resp: 100089

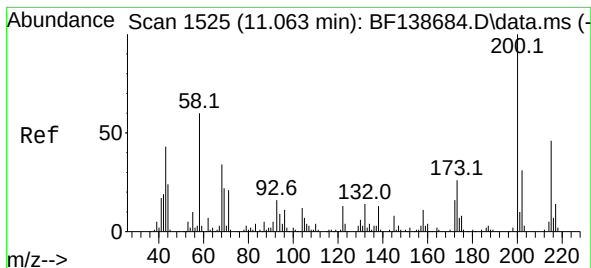
Ion Ratio Lower Upper

284 100

142 39.1 31.3 46.9

249 34.0 27.2 40.8





#69

Atrazine

Concen: 40.295 ng

RT: 11.063 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

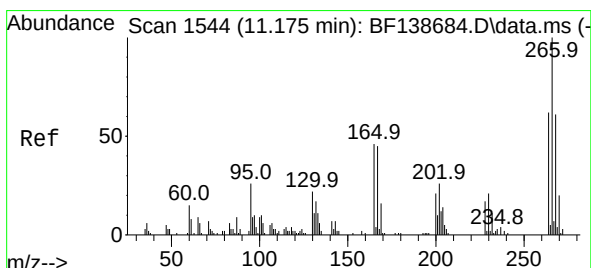
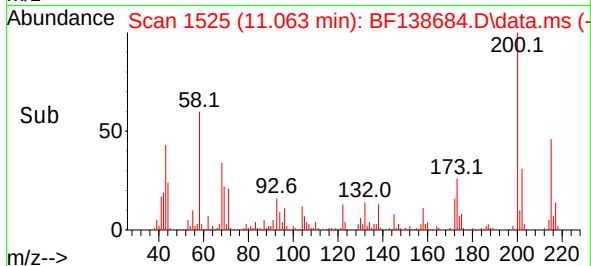
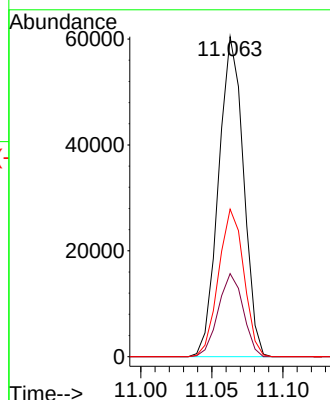
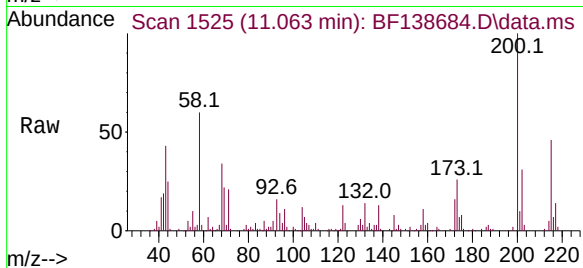
Tgt Ion:200 Resp: 73933

Ion Ratio Lower Upper

200 100

173 26.0 6.0 46.0

215 46.1 26.1 66.1



#70

Pentachlorophenol

Concen: 40.533 ng

RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

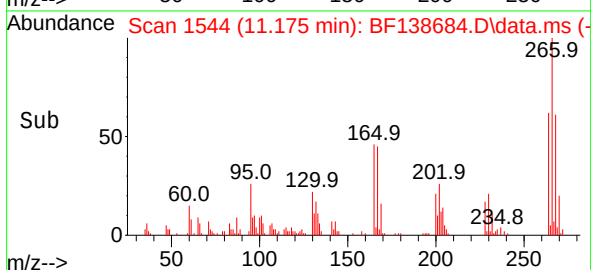
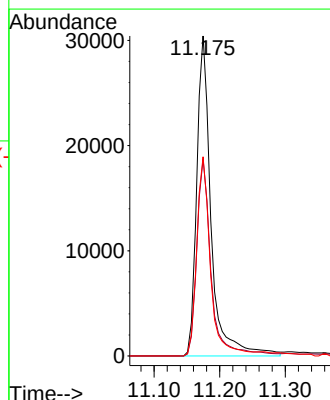
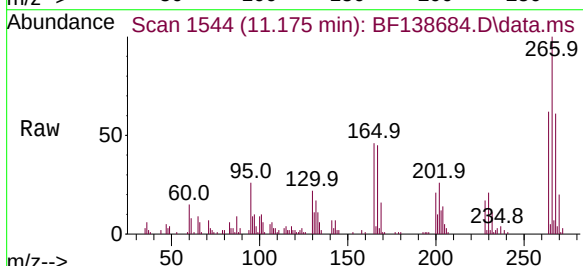
Tgt Ion:266 Resp: 46467

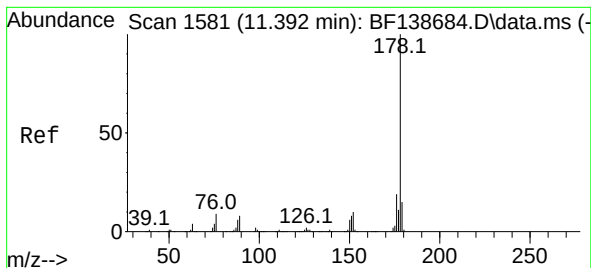
Ion Ratio Lower Upper

266 100

268 61.5 49.2 73.8

264 62.2 49.8 74.6





#71

Phenanthrene

Concen: 39.658 ng

RT: 11.392 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

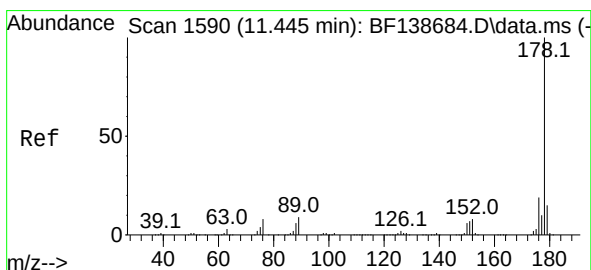
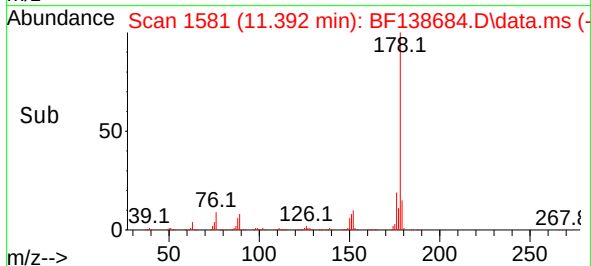
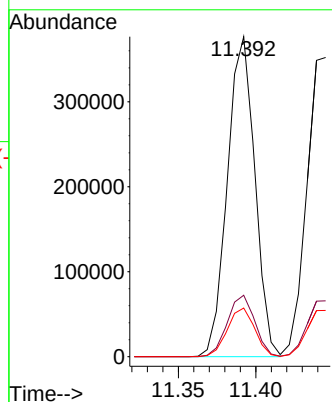
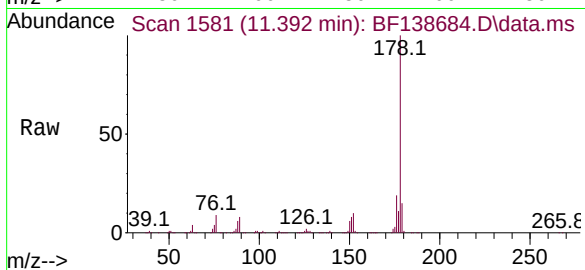
Tgt Ion:178 Resp: 464600

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.2 12.2 18.2



#72

Anthracene

Concen: 39.526 ng

RT: 11.445 min Scan# 1590

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

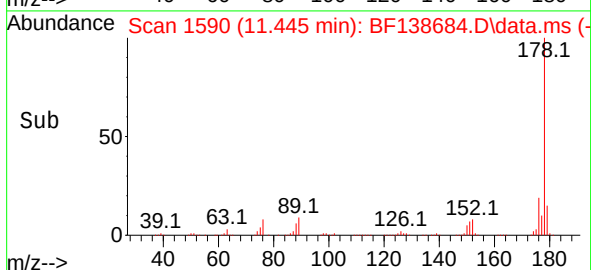
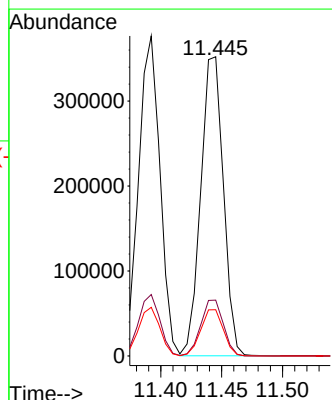
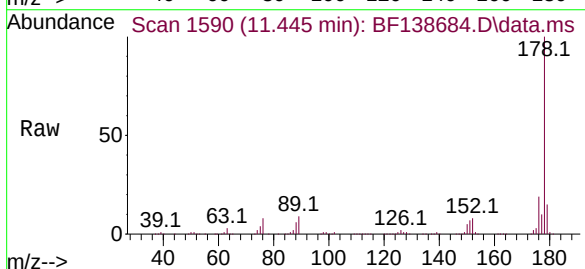
Tgt Ion:178 Resp: 456164

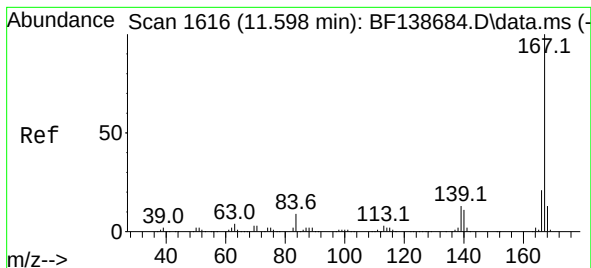
Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.5 12.4 18.6





#73

Carbazole

Concen: 39.739 ng

RT: 11.598 min Scan# 1616

Delta R.T. 0.000 min

Lab File: BF138684.D

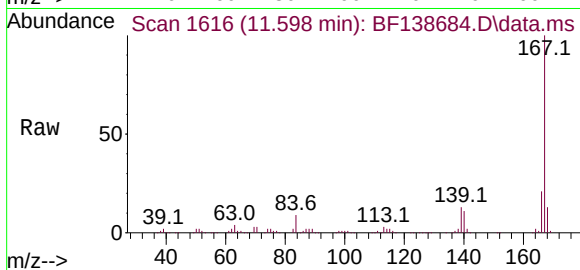
Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



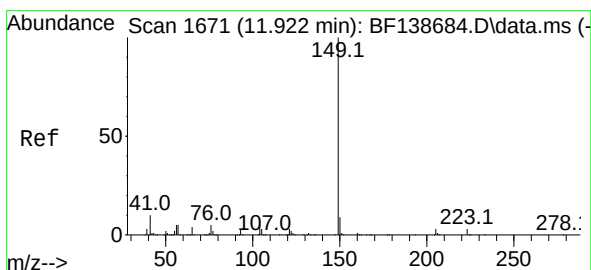
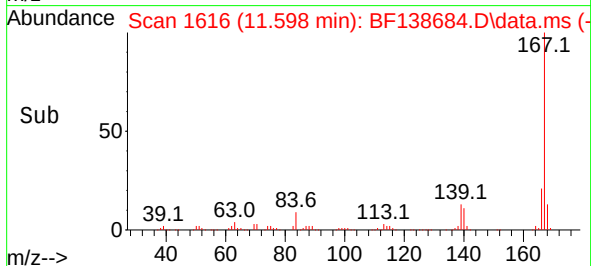
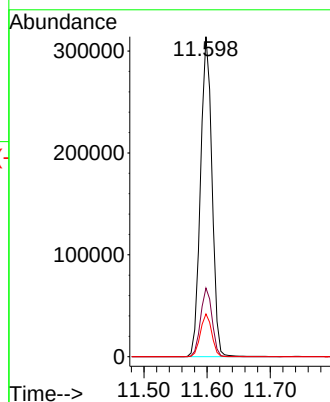
Tgt Ion:167 Resp: 395675

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 13.3 10.6 16.0



#74

Di-n-butylphthalate

Concen: 40.293 ng

RT: 11.922 min Scan# 1671

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

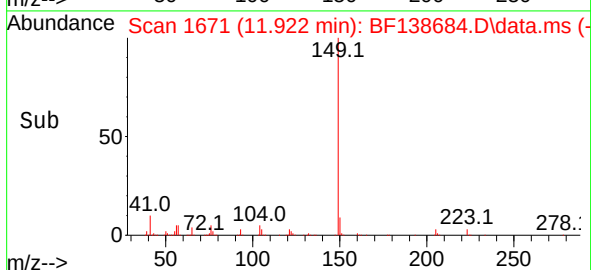
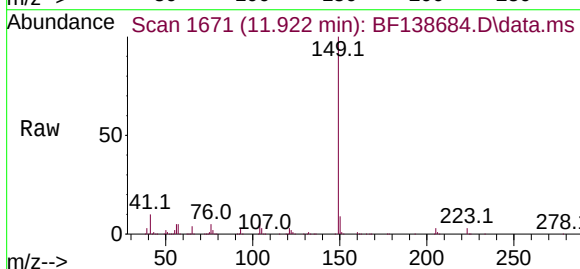
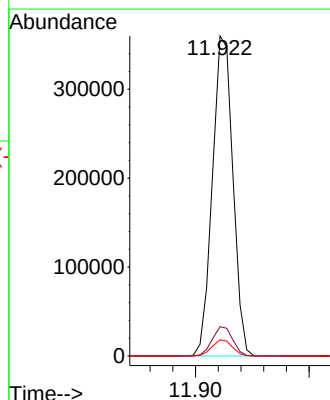
Tgt Ion:149 Resp: 451011

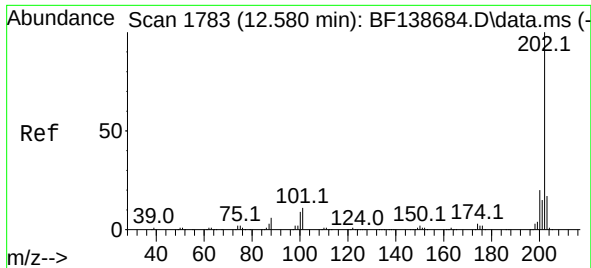
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.1 4.1 6.1

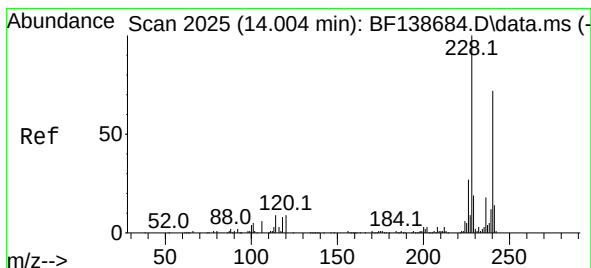
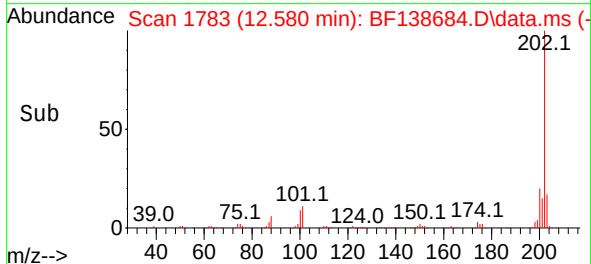
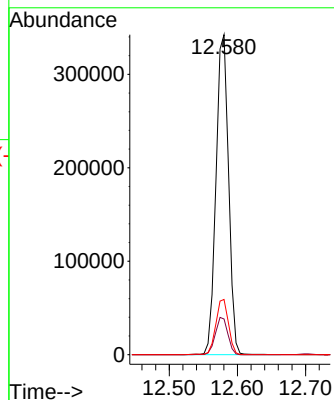
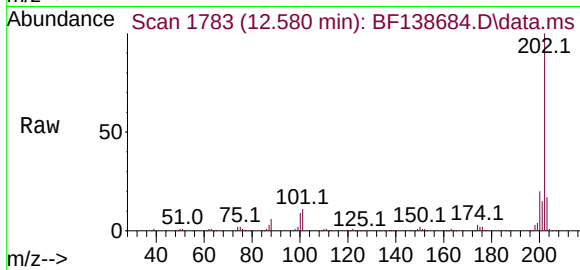




#75
Fluoranthene
Concen: 40.144 ng
RT: 12.580 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

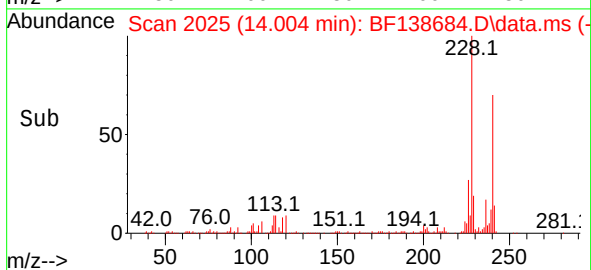
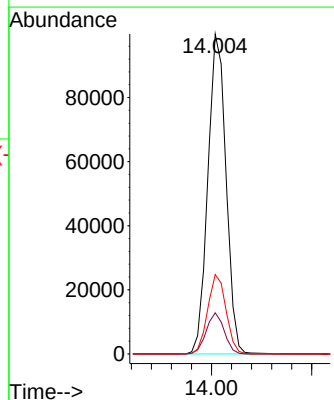
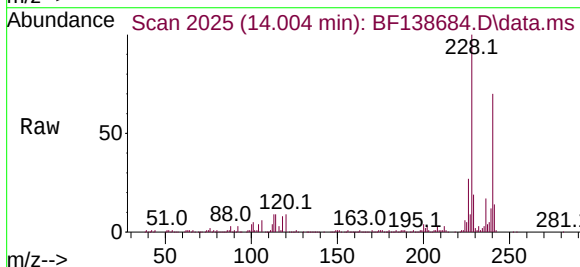
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

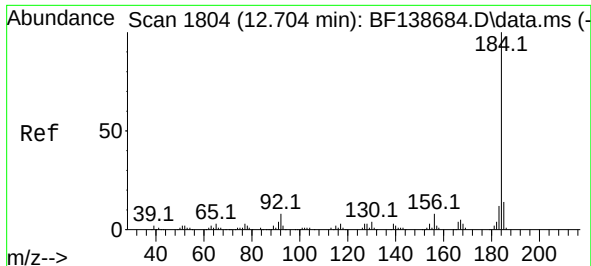
Tgt Ion:202 Resp: 439041
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.2
203 17.3 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

Tgt Ion:240 Resp: 125928
Ion Ratio Lower Upper
240 100
120 12.8 10.2 15.4
236 24.8 19.8 29.8

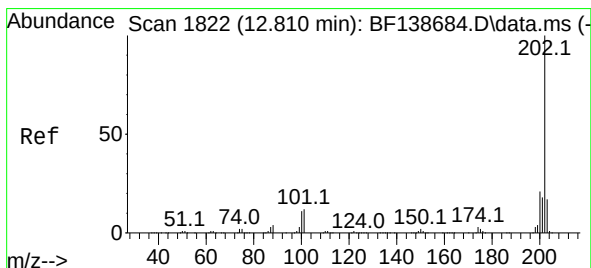
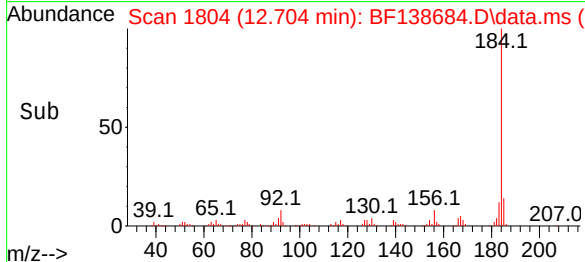
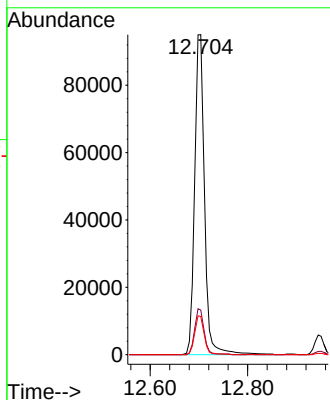
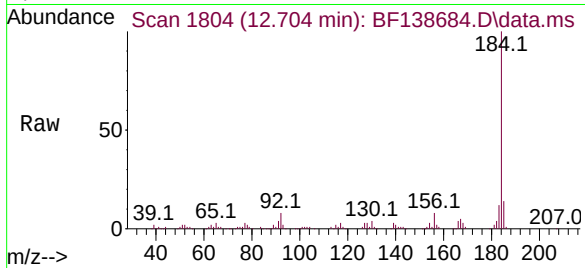




#77
Benzidine
Concen: 44.725 ng
RT: 12.704 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

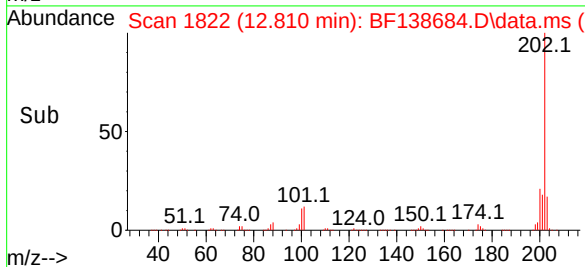
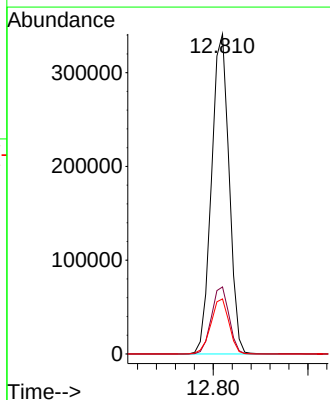
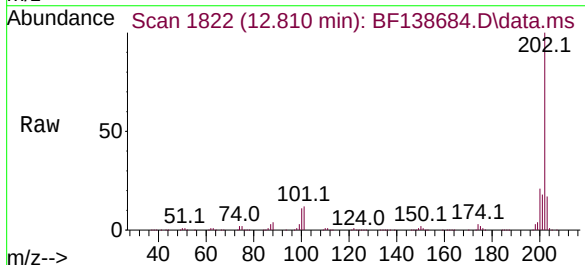
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

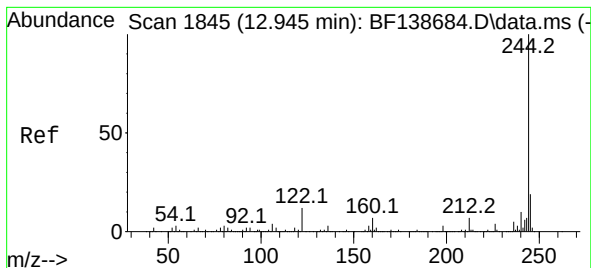
Tgt Ion:184 Resp: 134710
Ion Ratio Lower Upper
184 100
185 13.9 11.1 16.7
183 12.0 9.6 14.4



#78
Pyrene
Concen: 37.167 ng
RT: 12.810 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

Tgt Ion:202 Resp: 440674
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 74.045 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

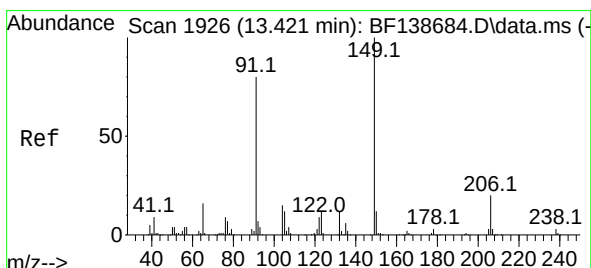
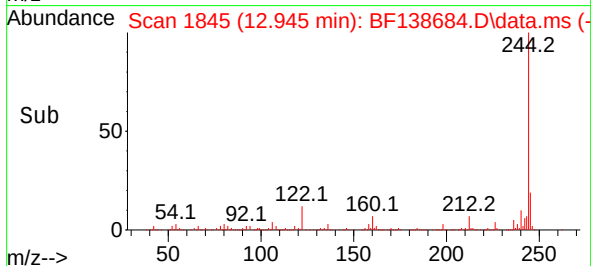
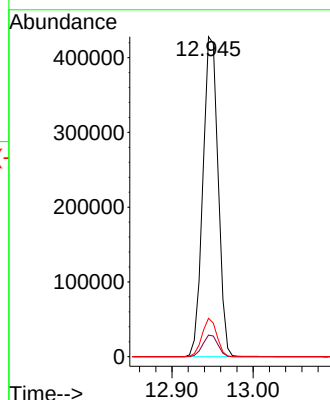
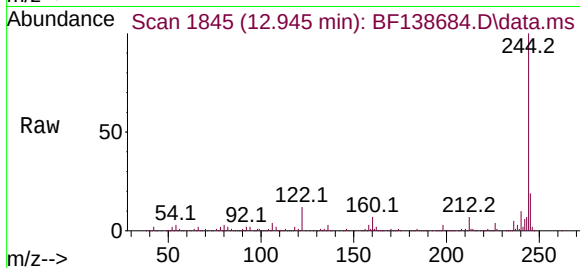
Tgt Ion:244 Resp: 556920

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 12.0 9.6 14.4



#80

Butylbenzylphthalate

Concen: 41.637 ng

RT: 13.421 min Scan# 1926

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

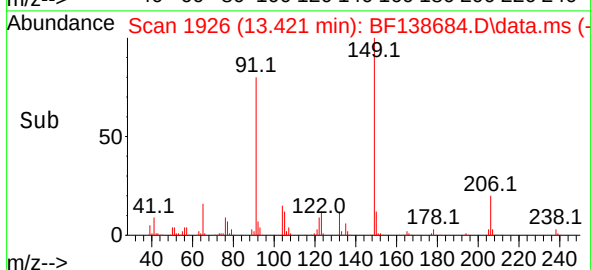
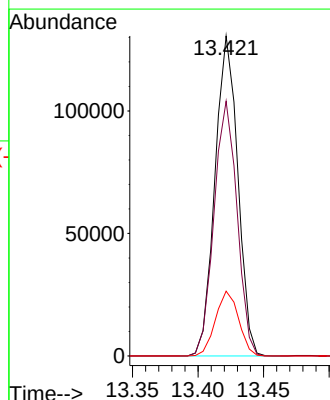
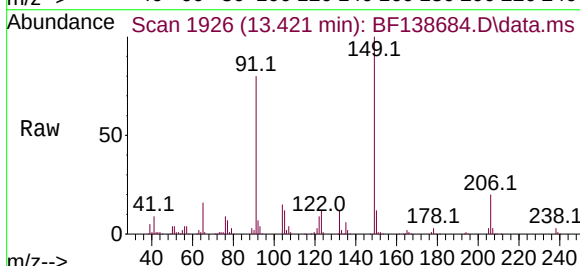
Tgt Ion:149 Resp: 158088

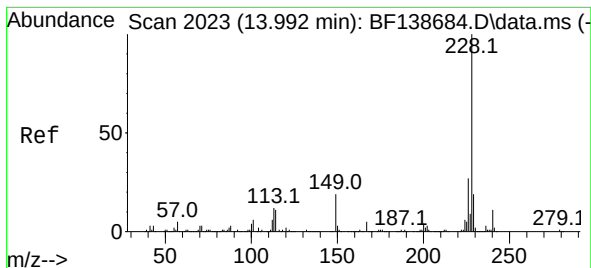
Ion Ratio Lower Upper

149 100

91 79.6 63.7 95.5

206 20.2 16.2 24.2

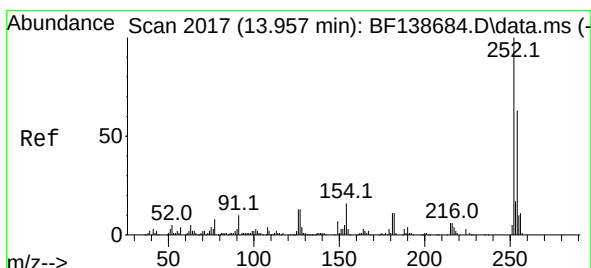
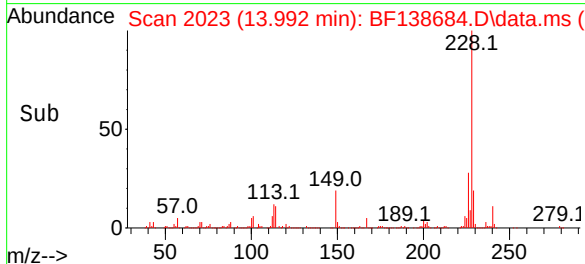
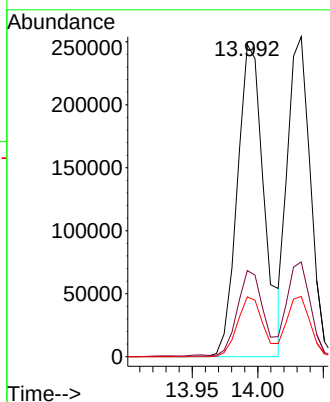
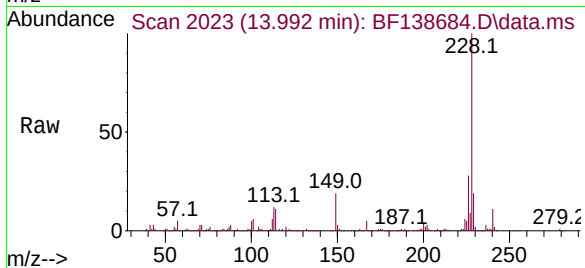




#81
Benzo(a)anthracene
Concen: 40.528 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

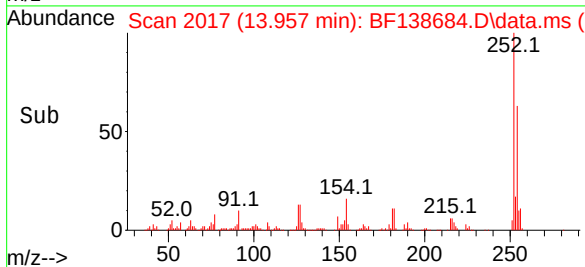
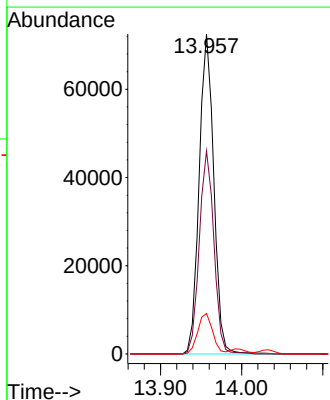
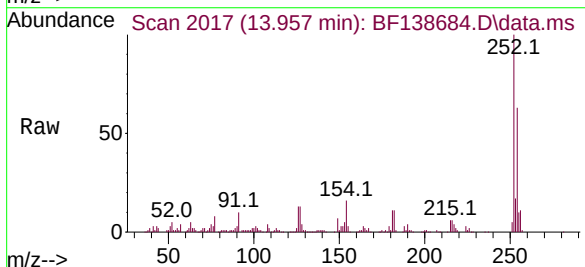
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

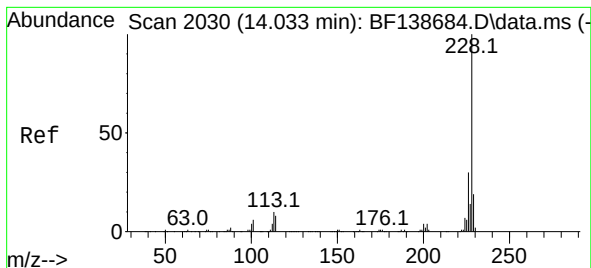
Tgt Ion:228 Resp: 351448
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.2 15.4 23.0



#82
3,3'-Dichlorobenzidine
Concen: 40.825 ng
RT: 13.957 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF138684.D
Acq: 30 Jul 2024 14:56

Tgt Ion:252 Resp: 90595
Ion Ratio Lower Upper
252 100
254 63.5 50.8 76.2
126 12.7 10.2 15.2





#83

Chrysene

Concen: 39.343 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

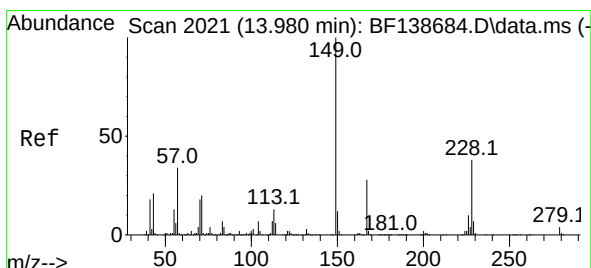
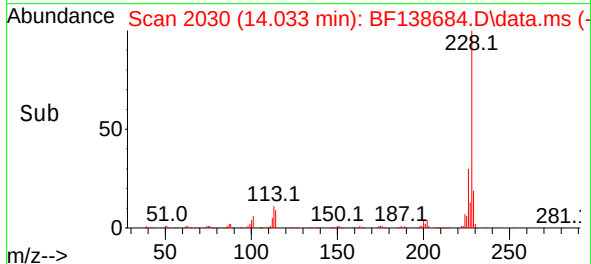
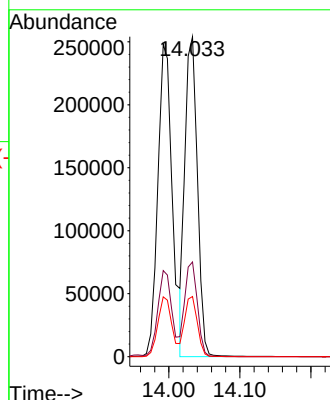
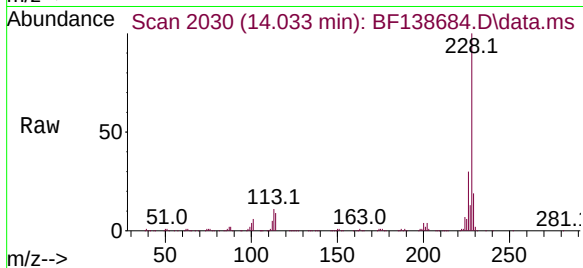
Tgt Ion:228 Resp: 307799

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

229 18.8 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.951 ng

RT: 13.980 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

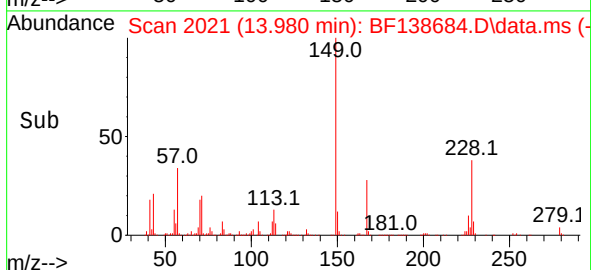
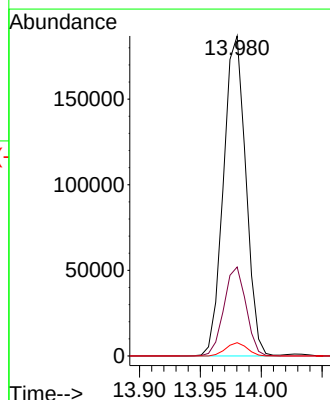
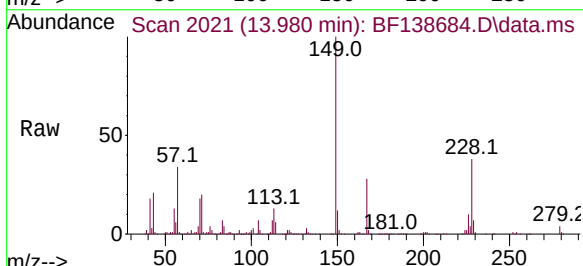
Tgt Ion:149 Resp: 238798

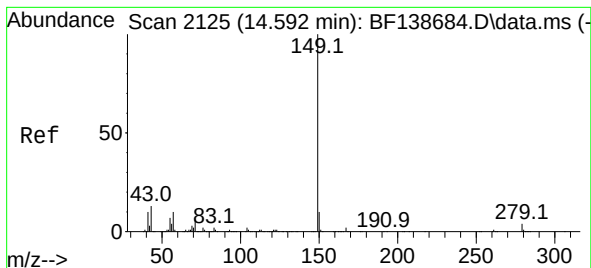
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 42.690 ng

RT: 14.592 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

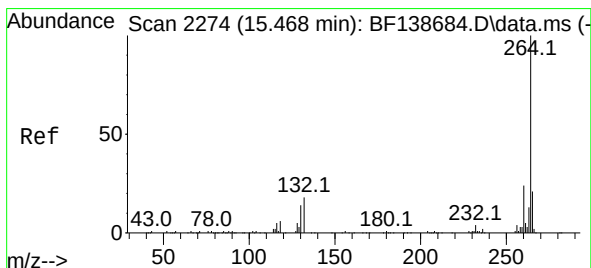
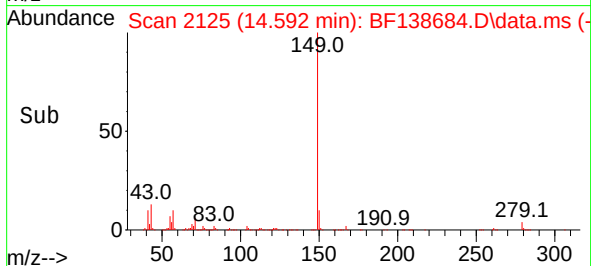
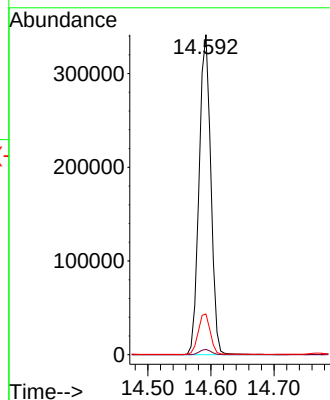
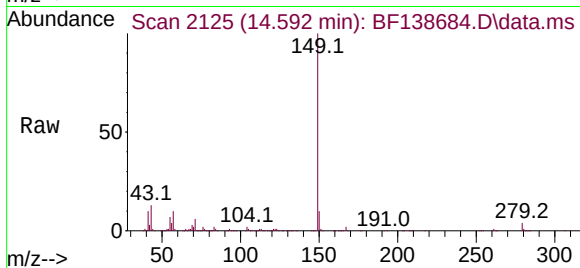
Tgt Ion:149 Resp: 439133

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 13.0 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

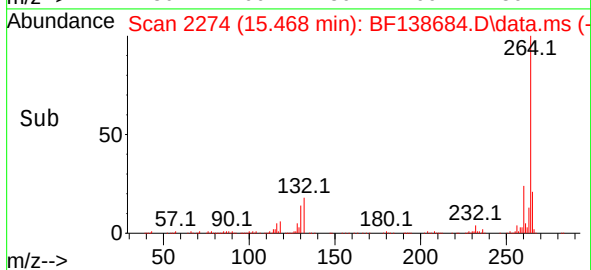
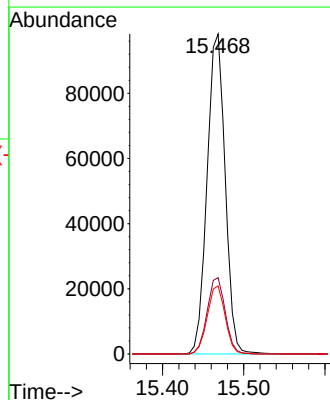
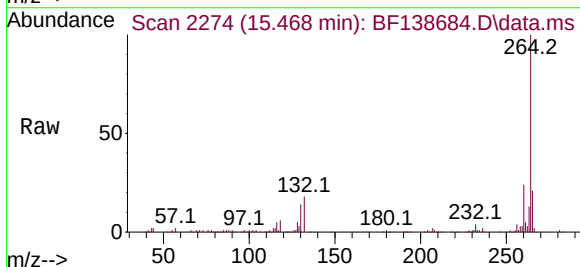
Tgt Ion:264 Resp: 151531

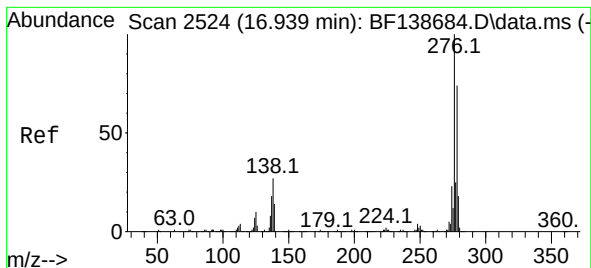
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.3 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.929 ng

RT: 16.939 min Scan# 2524

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

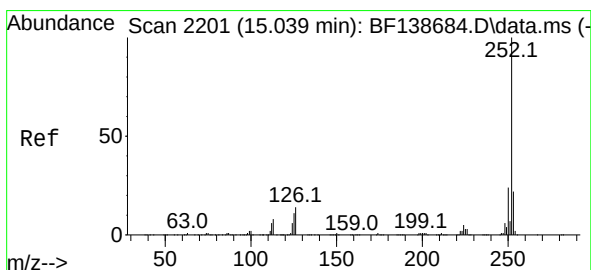
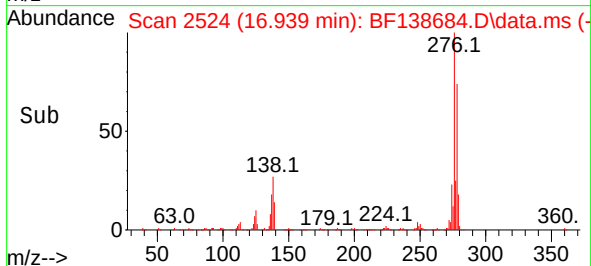
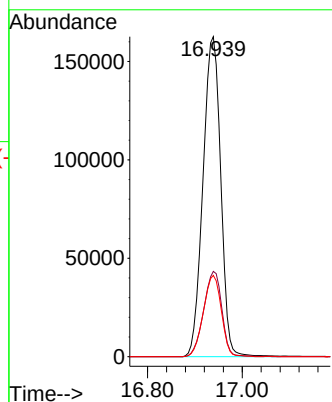
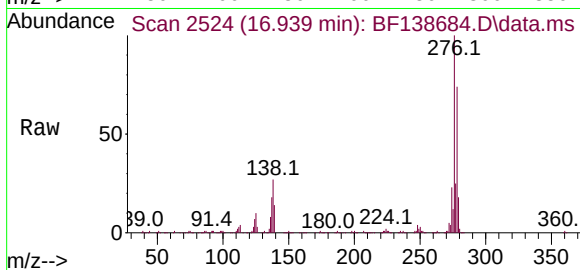
Tgt Ion:276 Resp: 422742

Ion Ratio Lower Upper

276 100

138 27.3 21.8 32.8

277 25.7 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 39.653 ng

RT: 15.039 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

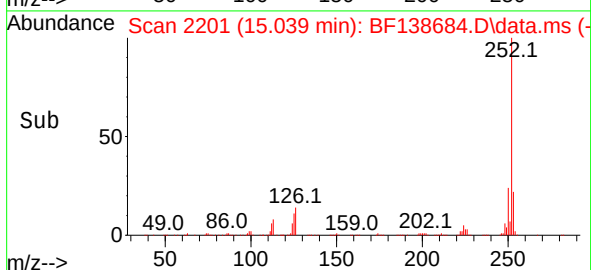
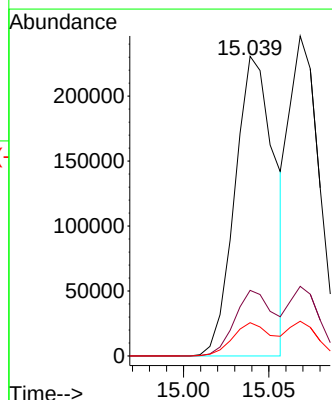
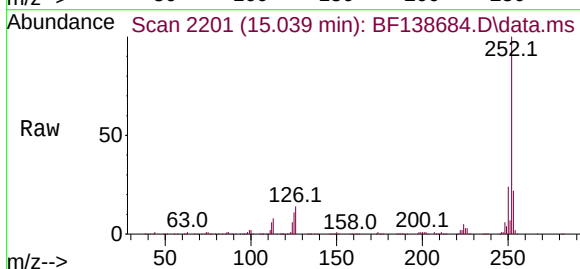
Tgt Ion:252 Resp: 372478

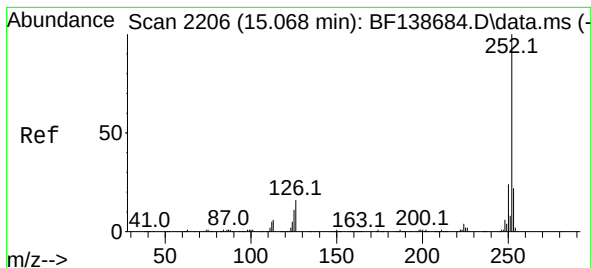
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 11.1 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 37.326 ng

RT: 15.068 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

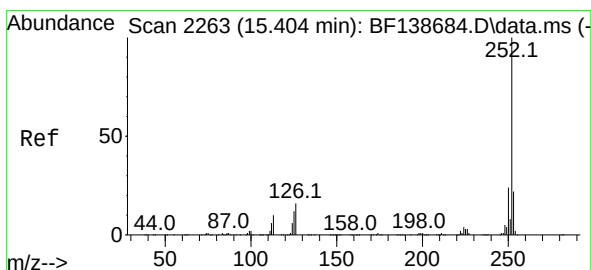
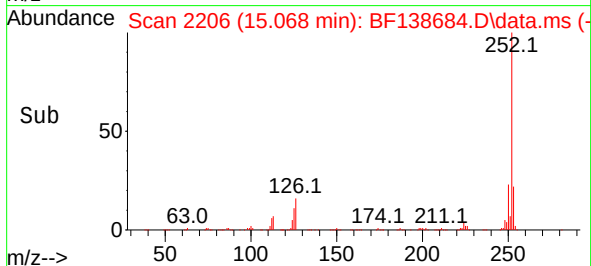
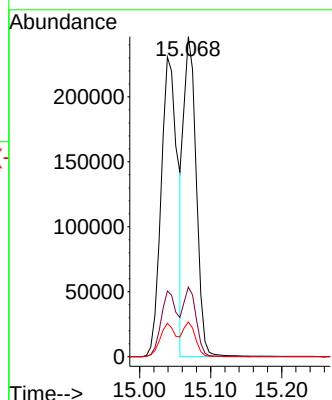
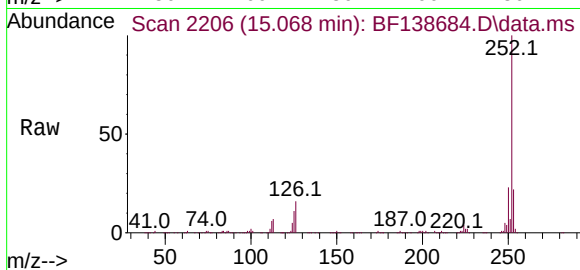
Tgt Ion:252 Resp: 303576

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 10.8 8.6 13.0



#90

Benzo(a)pyrene

Concen: 39.228 ng

RT: 15.404 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

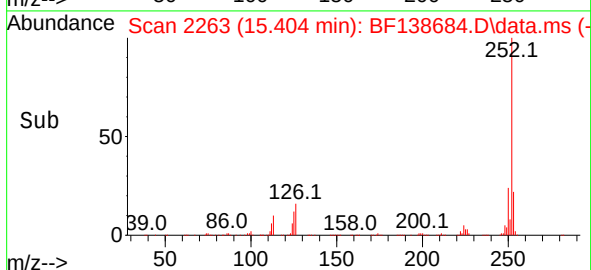
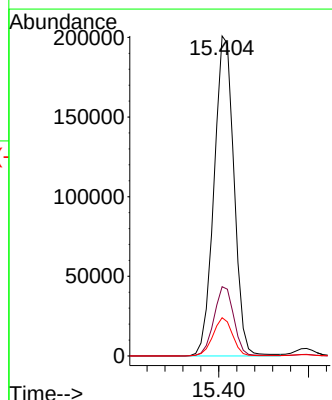
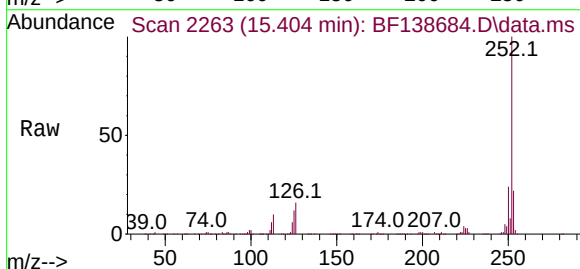
Tgt Ion:252 Resp: 309949

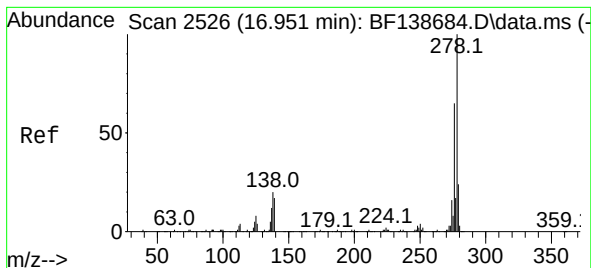
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 11.9 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 38.540 ng

RT: 16.951 min Scan# 2526

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

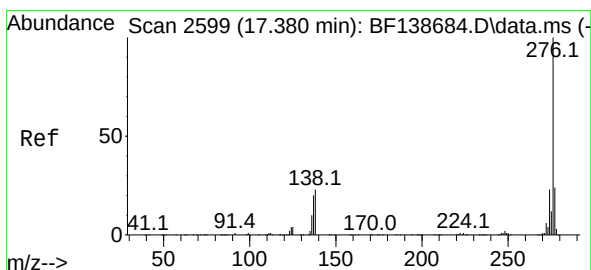
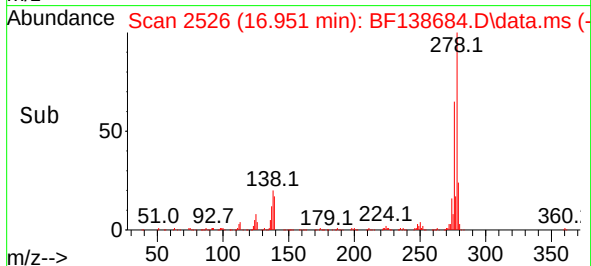
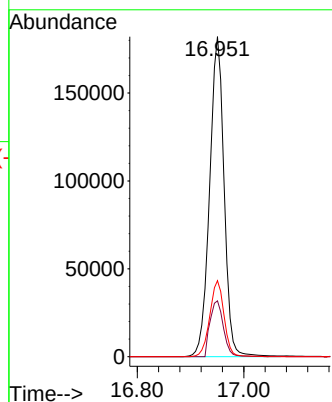
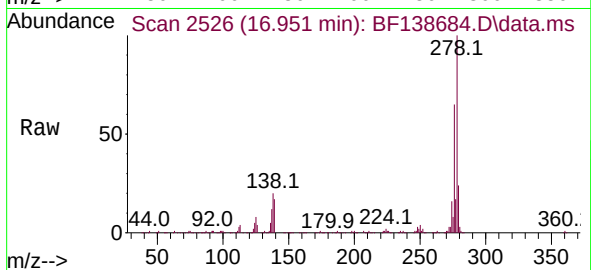
Tgt Ion:278 Resp: 343548

Ion Ratio Lower Upper

278 100

139 17.5 14.0 21.0

279 23.7 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 39.273 ng

RT: 17.380 min Scan# 2599

Delta R.T. 0.000 min

Lab File: BF138684.D

Acq: 30 Jul 2024 14:56

Tgt Ion:276 Resp: 363283

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 23.1 18.5 27.7

