

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073024\
 Data File : BF138687.D
 Acq On : 30 Jul 2024 16:29
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Jul 30 17:47:27 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	82334	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	318281	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	170513	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	270140	20.000	ng	0.00
76) Chrysene-d12	14.010	240	127279	20.000	ng	0.00
86) Perylene-d12	15.468	264	150274	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	779516	146.149	ng	0.00
7) Phenol-d6	6.498	99	1037275	144.849	ng	0.01
23) Nitrobenzene-d5	7.422	82	999276	153.499	ng	0.01
42) 2,4,6-Tribromophenol	10.681	330	215316	154.157	ng	0.01
45) 2-Fluorobiphenyl	9.210	172	1598378	140.843	ng	0.00
79) Terphenyl-d14	12.951	244	1102959	145.087	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	179012	76.661	ng	99
3) Pyridine	3.357	79	430656	76.132	ng	98
4) n-Nitrosodimethylamine	3.334	42	264606	78.541	ng	100
6) Aniline	6.522	93	452908	70.918	ng	# 81
8) 2-Chlorophenol	6.640	128	412290	73.470	ng	99
9) Benzaldehyde	6.404	77	215490	50.199	ng	100
10) Phenol	6.510	94	548122	72.698	ng	91
11) bis(2-Chloroethyl)ether	6.593	93	439507	75.750	ng	99
12) 1,3-Dichlorobenzene	6.793	146	457584	72.845	ng	100
13) 1,4-Dichlorobenzene	6.869	146	463447	73.107	ng	99
14) 1,2-Dichlorobenzene	7.022	146	422717	71.351	ng	100
15) Benzyl Alcohol	6.998	79	379102	73.451	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	704056	70.510	ng	91
17) 2-Methylphenol	7.110	107	344171	74.274	ng	97
18) Hexachloroethane	7.357	117	177915	74.559	ng	96
19) n-Nitroso-di-n-propyla...	7.275	70	319414	73.850	ng	96
20) 3+4-Methylphenols	7.269	107	420506	70.728	ng	# 90
22) Acetophenone	7.269	105	583306	74.849	ng	98
24) Nitrobenzene	7.440	77	510201	77.019	ng	98
25) Isophorone	7.681	82	862380	77.580	ng	99
26) 2-Nitrophenol	7.751	139	227531	79.835	ng	99
27) 2,4-Dimethylphenol	7.792	122	263469	77.265	ng	99
28) bis(2-Chloroethoxy)met...	7.881	93	522528	77.190	ng	99
29) 2,4-Dichlorophenol	7.998	162	336540	76.805	ng	100
30) 1,2,4-Trichlorobenzene	8.075	180	381296	75.405	ng	99
31) Naphthalene	8.157	128	1242069	74.139	ng	100
32) Benzoic acid	7.957	122	247058	92.209	ng	97
33) 4-Chloroaniline	8.216	127	443424	78.849	ng	99
34) Hexachlorobutadiene	8.263	225	230783	75.351	ng	100
35) Caprolactam	8.604	113	107916	82.539	ng	97
36) 4-Chloro-3-methylphenol	8.692	107	386382	77.158	ng	99
37) 2-Methylnaphthalene	8.839	142	782843	73.988	ng	100
38) 1-Methylnaphthalene	8.945	142	760272	73.328	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	351438	74.196	ng	99
41) Hexachlorocyclopentadiene	8.992	237	99926	79.729	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	227901	78.913	ng	100

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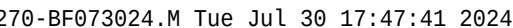
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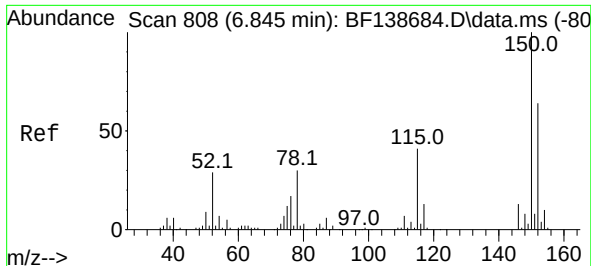
Quant Time: Jul 30 17:47:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	245697	77.822	ng	98
46) 1,1'-Biphenyl	9.310	154	983564	73.651	ng	100
47) 2-Chloronaphthalene	9.334	162	742852	74.793	ng	100
48) 2-Nitroaniline	9.434	65	266220	79.066	ng	98
49) Acenaphthylene	9.751	152	1013441	71.944	ng	99
50) Dimethylphthalate	9.616	163	843645	77.379	ng	99
51) 2,6-Dinitrotoluene	9.681	165	189138	76.868	ng	97
52) Acenaphthene	9.922	154	693130	73.198	ng	100
53) 3-Nitroaniline	9.851	138	194796	76.581	ng	100
54) 2,4-Dinitrophenol	9.957	184	100793	88.986	ng	94
55) Dibenzofuran	10.092	168	963359	72.071	ng	100
56) 4-Nitrophenol	10.016	139	127589	83.411	ng	98
57) 2,4-Dinitrotoluene	10.086	165	237463	75.642	ng	# 88
58) Fluorene	10.433	166	768404	72.188	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	192425	79.721	ng	97
60) Diethylphthalate	10.310	149	788464	76.270	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	376130	71.847	ng	99
62) 4-Nitroaniline	10.469	138	181845	75.227	ng	98
63) Azobenzene	10.586	77	857699	74.806	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	137397	83.368	ng	97
66) n-Nitrosodiphenylamine	10.551	169	641930	76.022	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	226137	77.318	ng	99
68) Hexachlorobenzene	10.980	284	233005	77.158	ng	99
69) Atrazine	11.075	200	152765	70.122	ng	99
70) Pentachlorophenol	11.180	266	120403	88.455	ng	98
71) Phenanthrene	11.398	178	1020185	73.341	ng	99
72) Anthracene	11.451	178	1005219	73.356	ng	100
73) Carbazole	11.604	167	836447	70.750	ng	99
74) Di-n-butylphthalate	11.927	149	1016790	76.505	ng	100
75) Fluoranthene	12.586	202	893988	68.843	ng	99
77) Benzidine	12.704	184	159154	52.279	ng	100
78) Pyrene	12.816	202	882216	73.618	ng	99
80) Butylbenzylphthalate	13.427	149	304470	79.340	ng	99
81) Benzo(a)anthracene	13.998	228	659091	75.198	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	159678	71.192	ng	99
83) Chrysene	14.039	228	617804	78.129	ng	98
84) Bis(2-ethylhexyl)phtha...	13.980	149	440693	78.423	ng	100
85) Di-n-octyl phthalate	14.592	149	817161	78.597	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	827423	76.833	ng	99
88) Benzo(b)fluoranthene	15.045	252	721224	77.422	ng	99
89) Benzo(k)fluoranthene	15.080	252	596517	73.959	ng	99
90) Benzo(a)pyrene	15.416	252	609452	77.779	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	664634	75.184	ng	100
92) Benzo(g,h,i)perylene	17.398	276	702583	76.589	ng	99

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

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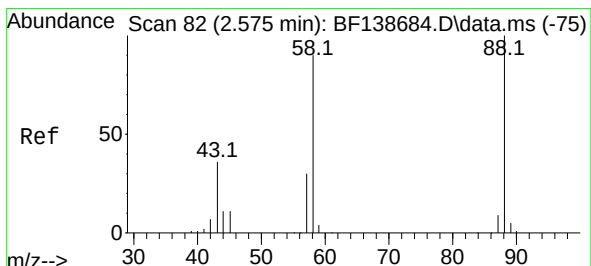
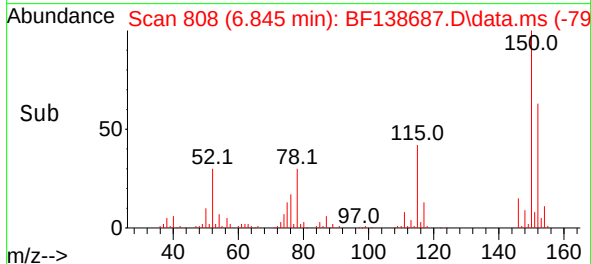
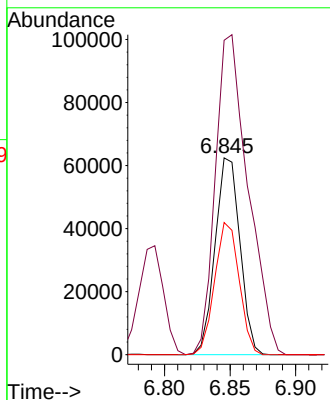
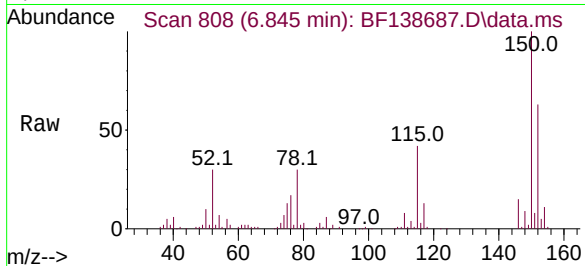




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

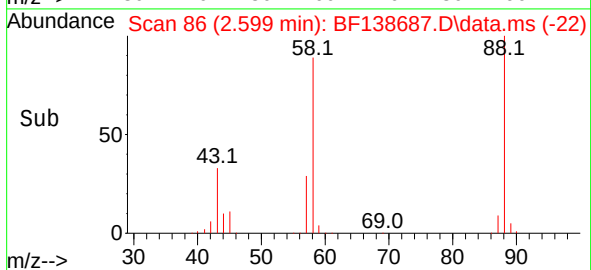
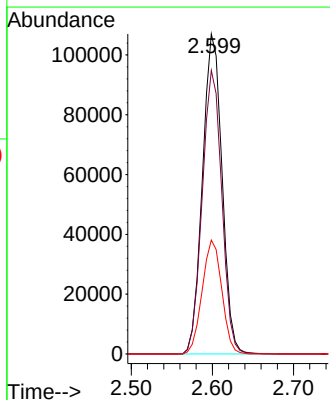
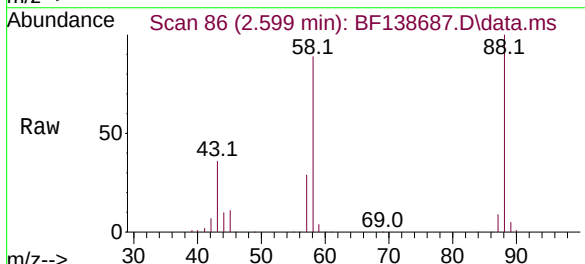
Instrument :
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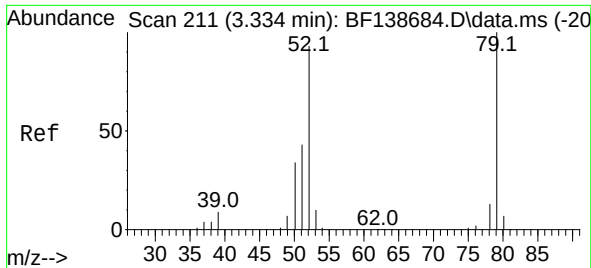
Tgt Ion:152 Resp: 82334
Ion Ratio Lower Upper
152 100
150 159.8 126.0 189.0
115 67.1 51.7 77.5



#2
1,4-Dioxane
Concen: 76.661 ng
RT: 2.599 min Scan# 86
Delta R.T. 0.024 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

Tgt Ion: 88 Resp: 179012
Ion Ratio Lower Upper
88 100
58 88.5 71.6 107.4
43 35.7 28.7 43.1





#3

Pyridine

Concen: 76.132 ng

RT: 3.357 min Scan# 211

Delta R.T. 0.024 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

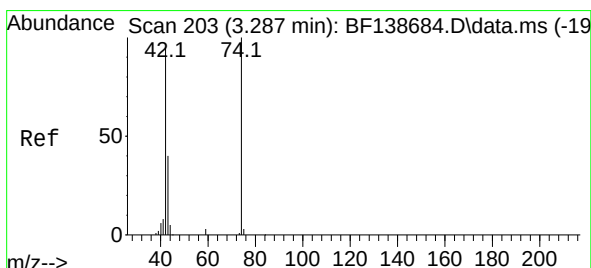
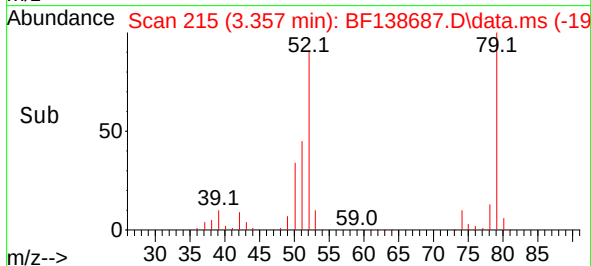
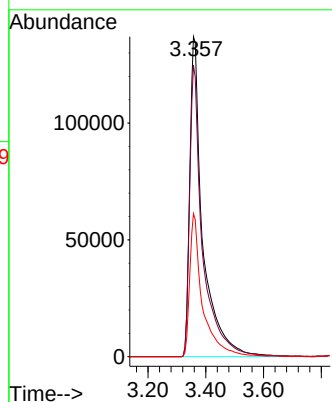
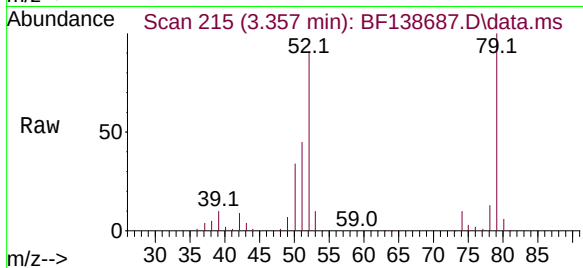
Tgt Ion: 79 Resp: 430656

Ion Ratio Lower Upper

79 100

52 91.0 74.7 112.1

51 44.7 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 78.541 ng

RT: 3.334 min Scan# 211

Delta R.T. 0.047 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

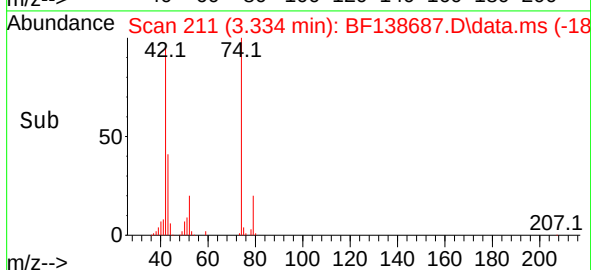
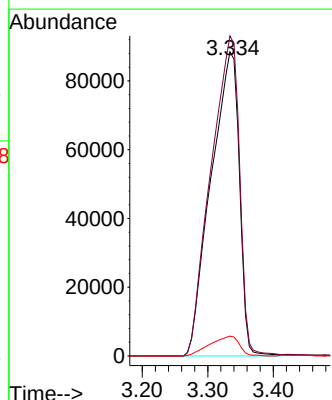
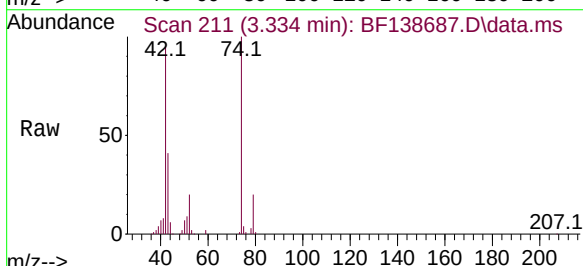
Tgt Ion: 42 Resp: 264606

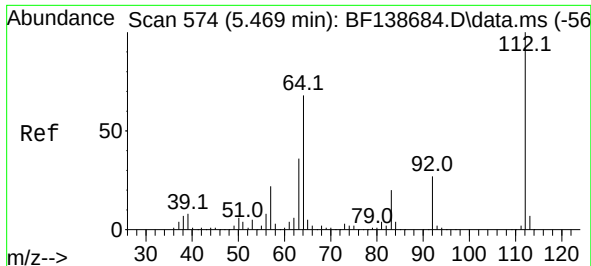
Ion Ratio Lower Upper

42 100

74 105.2 84.2 126.4

44 6.5 4.9 7.3

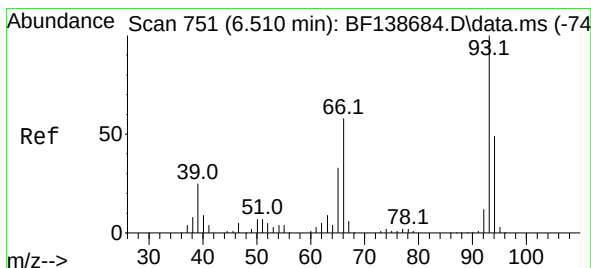
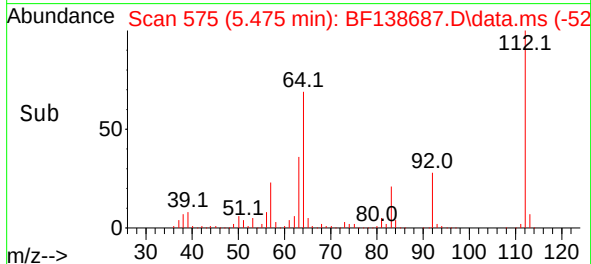
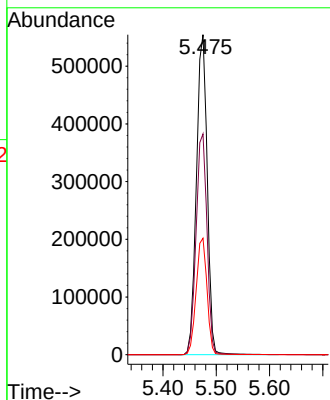
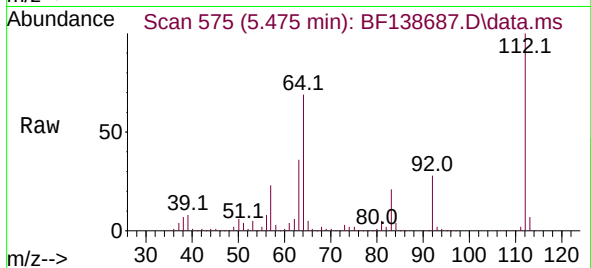




#5
2-Fluorophenol
Concen: 146.149 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

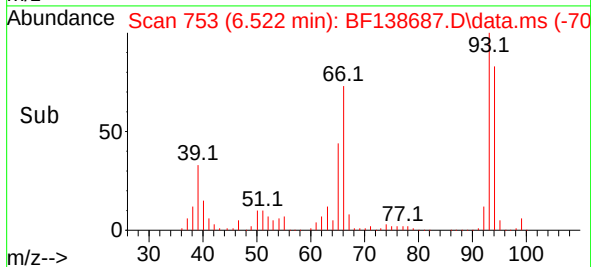
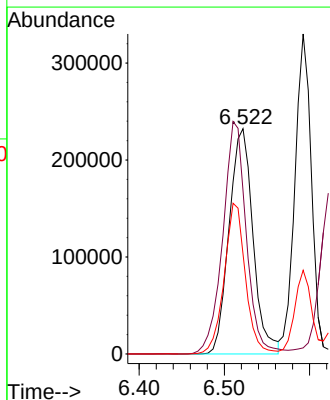
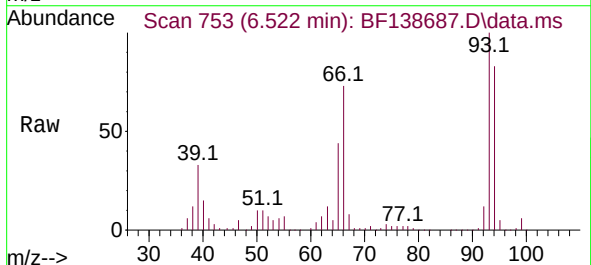
Instrument :
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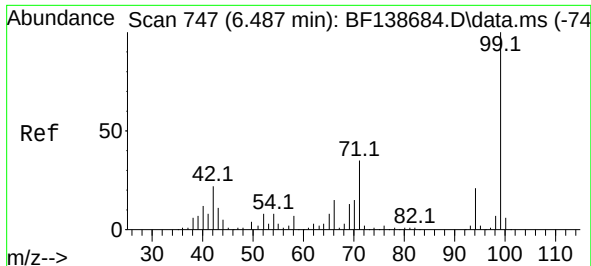
Tgt Ion:112 Resp: 779516
Ion Ratio Lower Upper
112 100
64 69.0 54.2 81.4
63 36.4 28.7 43.1



#6
Aniline
Concen: 70.918 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.012 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

Tgt Ion: 93 Resp: 452908
Ion Ratio Lower Upper
93 100
66 72.6 46.9 70.3#
65 44.4 26.5 39.7#

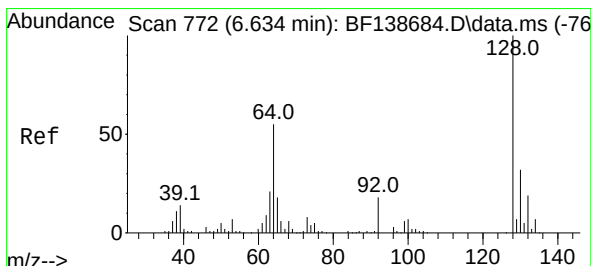
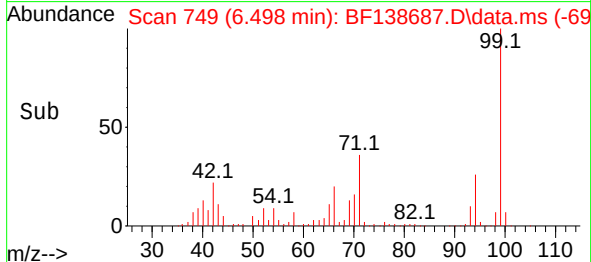
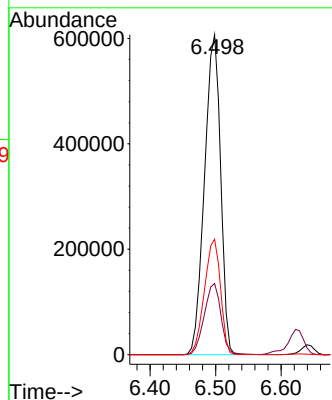
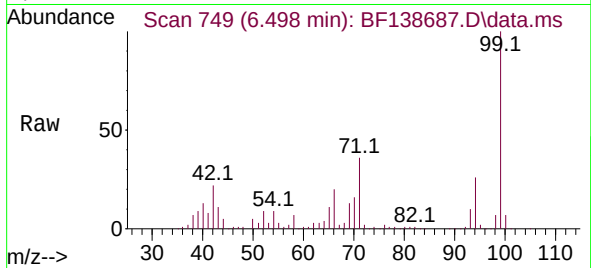




#7
Phenol-d6
Concen: 144.849 ng
RT: 6.498 min Scan# 749
Delta R.T. 0.012 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

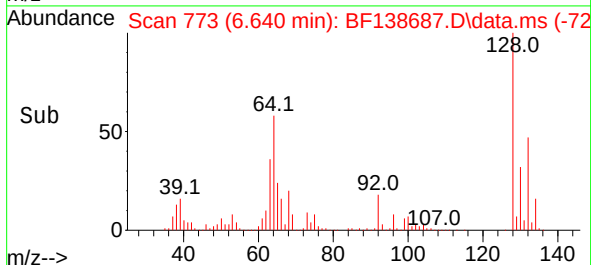
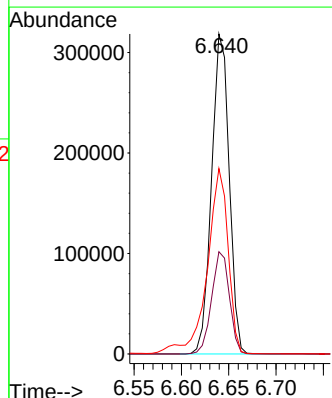
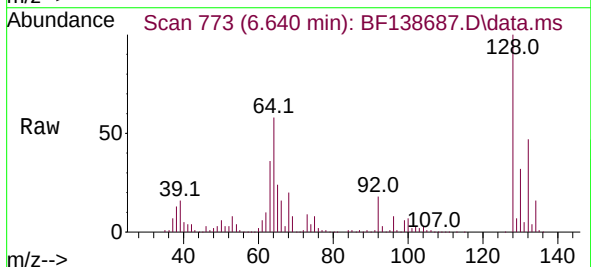
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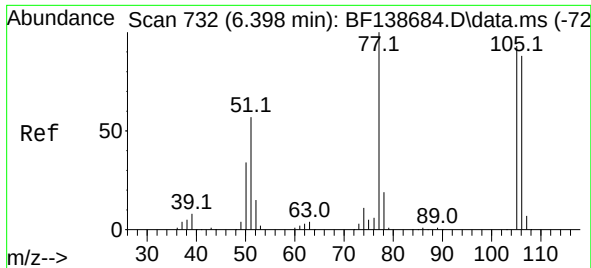
Tgt Ion: 99 Resp: 1037275
Ion Ratio Lower Upper
99 100
42 22.3 17.4 26.0
71 36.1 28.1 42.1



#8
2-Chlorophenol
Concen: 73.470 ng
RT: 6.640 min Scan# 773
Delta R.T. 0.006 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

Tgt Ion:128 Resp: 412290
Ion Ratio Lower Upper
128 100
130 31.9 12.0 52.0
64 57.9 36.3 76.3





#9

Benzaldehyde

Concen: 50.199 ng

RT: 6.404 min Scan# 740

Delta R.T. 0.006 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

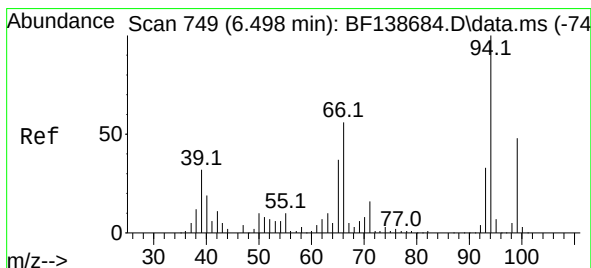
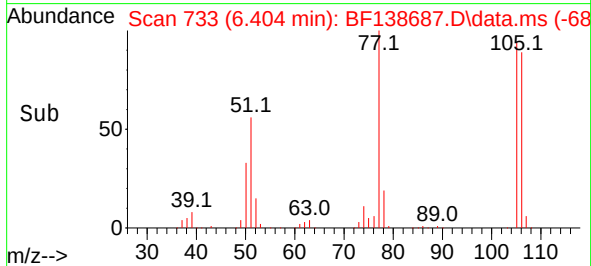
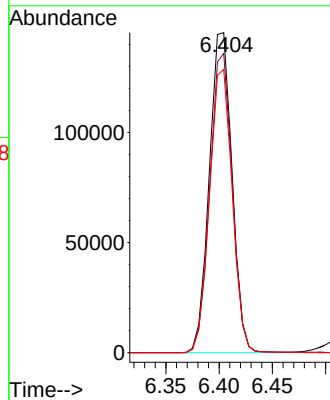
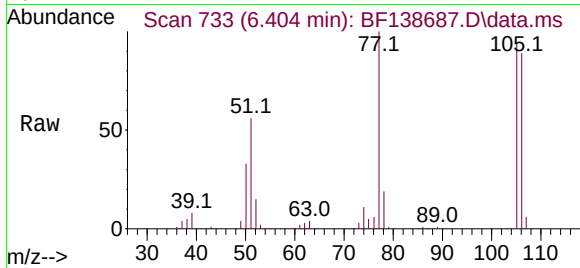
Tgt Ion: 77 Resp: 215490

Ion Ratio Lower Upper

77 100

105 93.5 72.9 112.9

106 88.5 68.4 108.4



#10

Phenol

Concen: 72.698 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.012 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

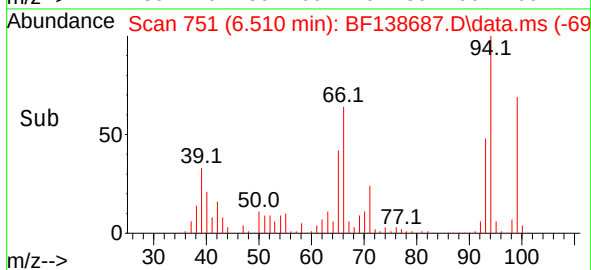
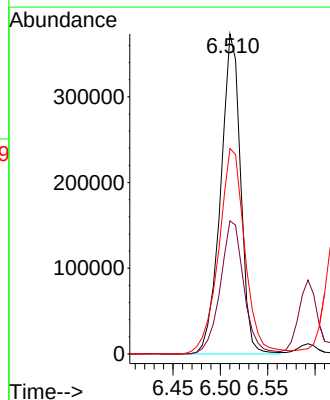
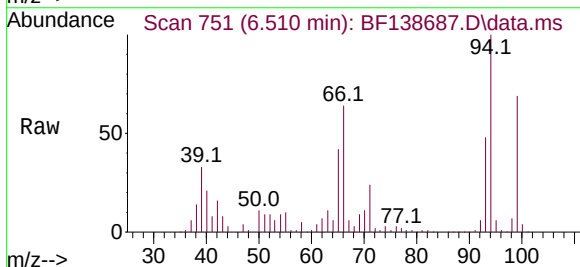
Tgt Ion: 94 Resp: 548122

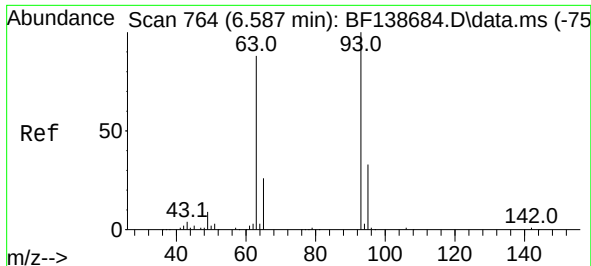
Ion Ratio Lower Upper

94 100

65 41.6 16.9 56.9

66 64.2 36.5 76.5

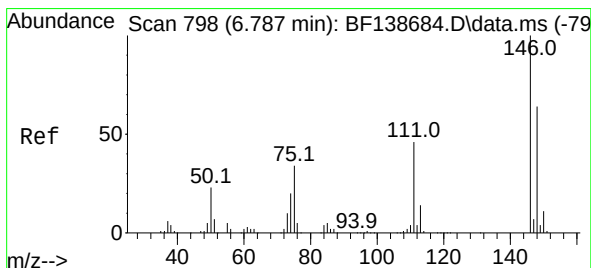
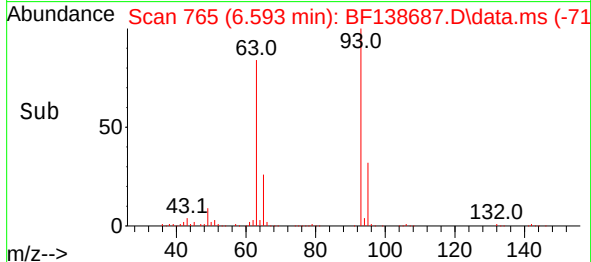
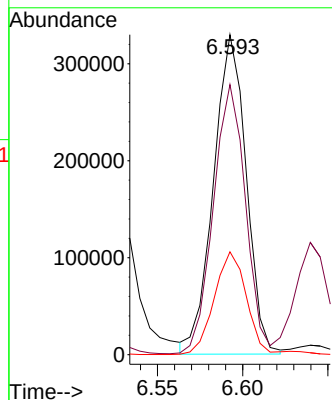
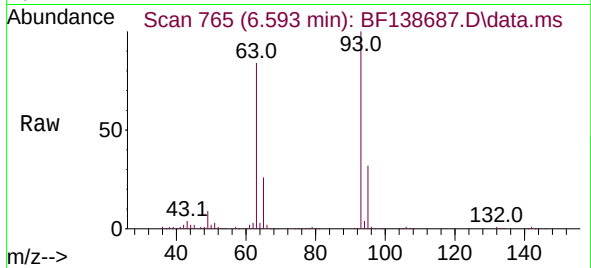




#11
bis(2-Chloroethyl)ether
Concen: 75.750 ng
RT: 6.593 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

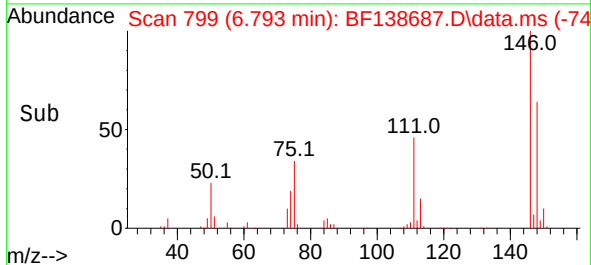
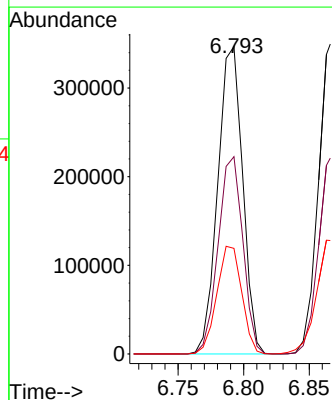
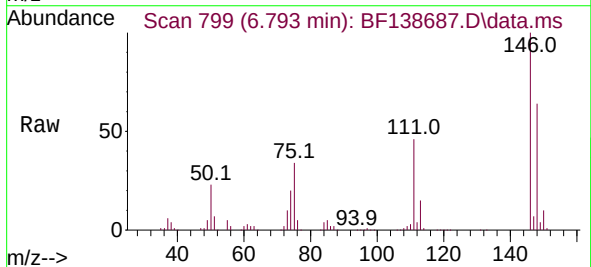
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

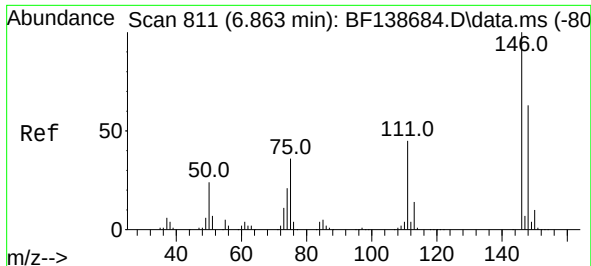
Tgt Ion: 93 Resp: 439507
Ion Ratio Lower Upper
93 100
63 84.4 65.3 105.3
95 32.1 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 72.845 ng
RT: 6.793 min Scan# 799
Delta R.T. 0.006 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

Tgt Ion:146 Resp: 457584
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
75 34.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 73.107 ng

RT: 6.869 min Scan# 811

Delta R.T. 0.006 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

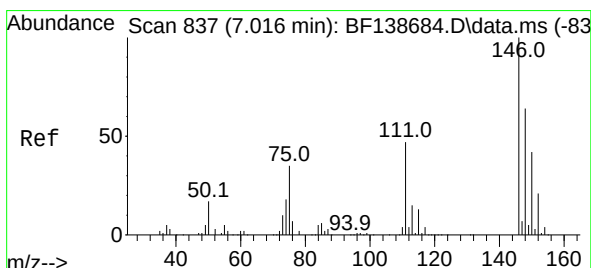
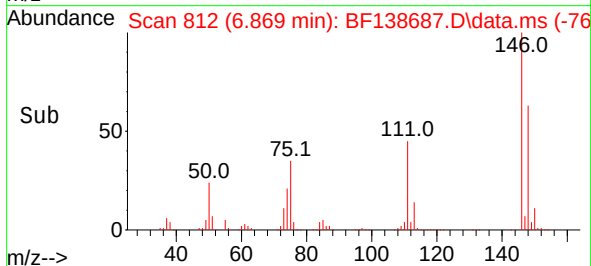
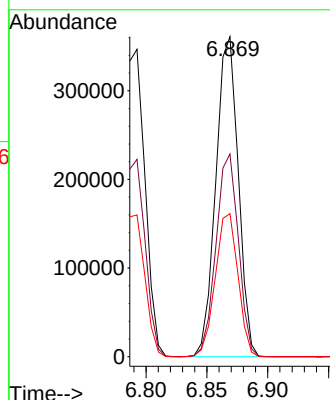
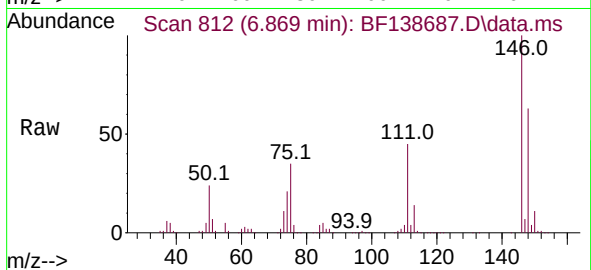
Tgt Ion:146 Resp: 463447

Ion Ratio Lower Upper

146 100

148 63.4 50.2 75.2

111 44.7 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 71.351 ng

RT: 7.022 min Scan# 838

Delta R.T. 0.006 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

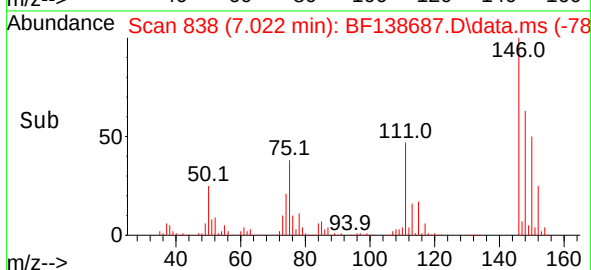
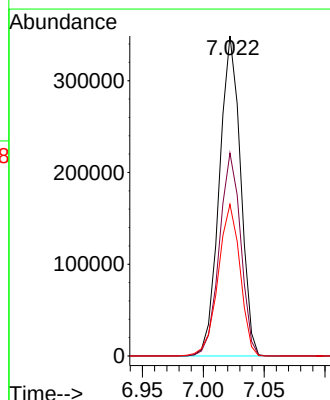
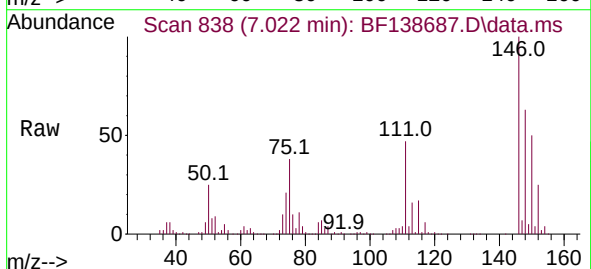
Tgt Ion:146 Resp: 422717

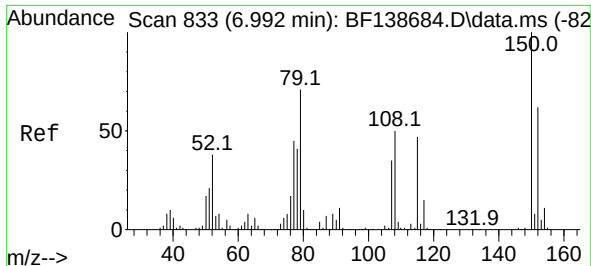
Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

111 47.4 37.4 56.2

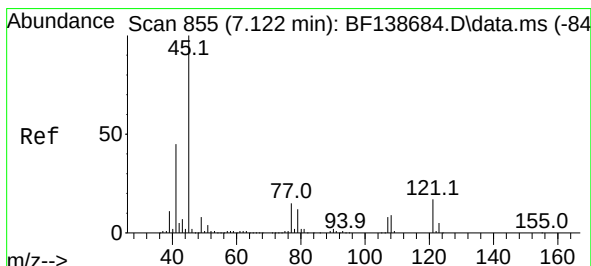
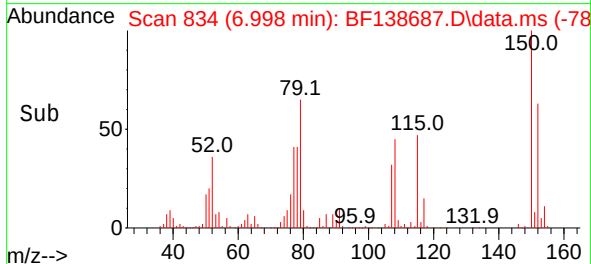
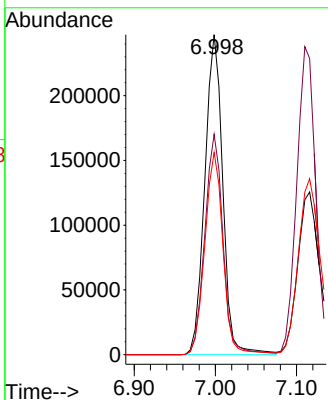
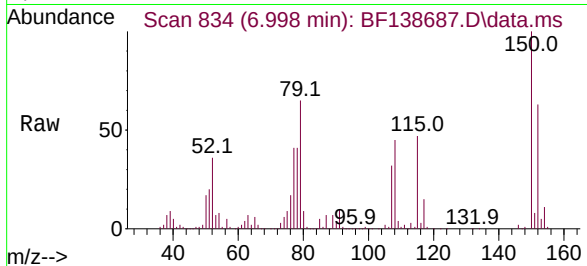




#15
Benzyl Alcohol
Concen: 73.451 ng
RT: 6.998 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

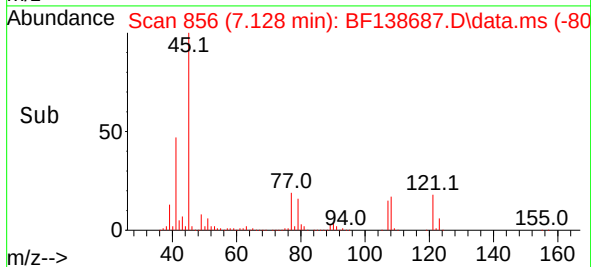
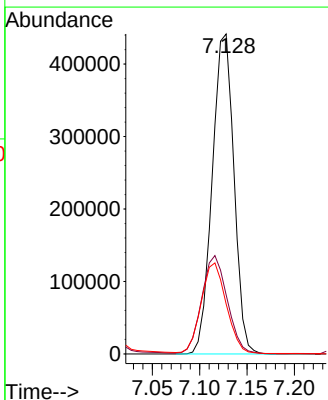
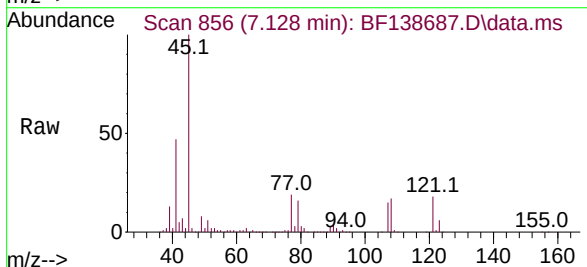
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

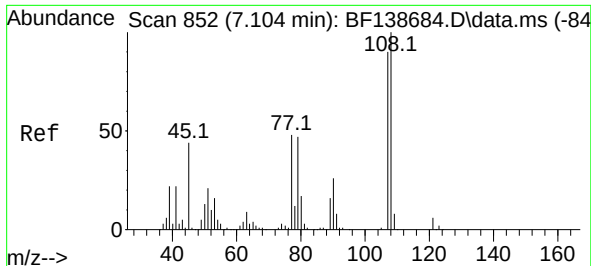
Tgt Ion: 79 Resp: 379102
Ion Ratio Lower Upper
79 100
108 68.9 56.6 85.0
77 63.2 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 70.510 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

Tgt Ion: 45 Resp: 704056
Ion Ratio Lower Upper
45 100
77 18.5 0.0 34.9
79 15.7 0.0 32.2





#17

2-Methylphenol

Concen: 74.274 ng

RT: 7.110 min Scan# 853

Delta R.T. 0.006 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 344171

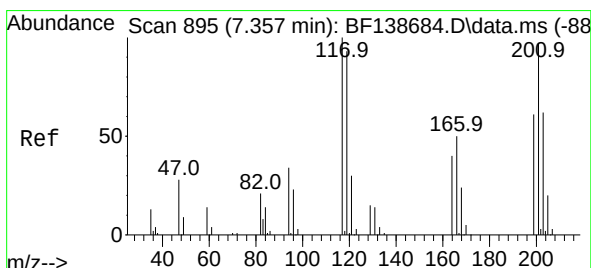
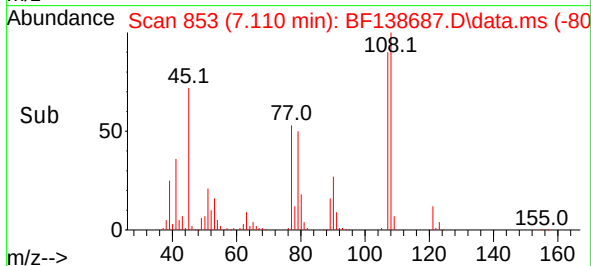
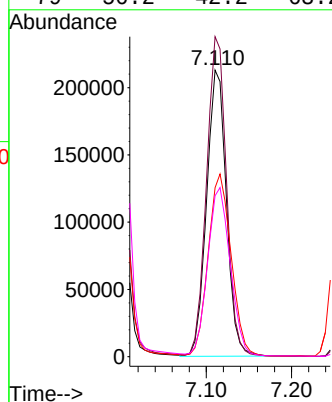
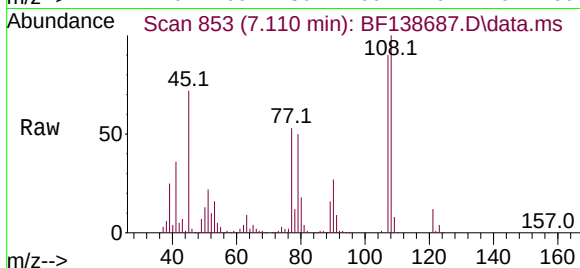
Ion Ratio Lower Upper

107 100

108 111.7 89.2 133.8

77 59.0 43.0 64.4

79 56.2 42.2 63.2



#18

Hexachloroethane

Concen: 74.559 ng

RT: 7.357 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

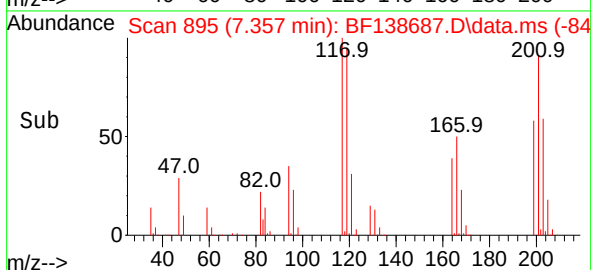
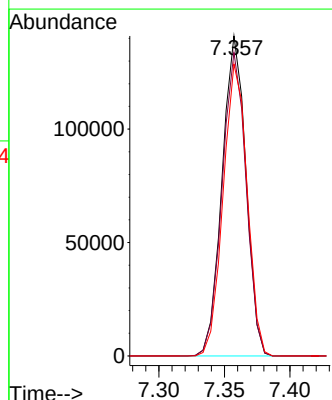
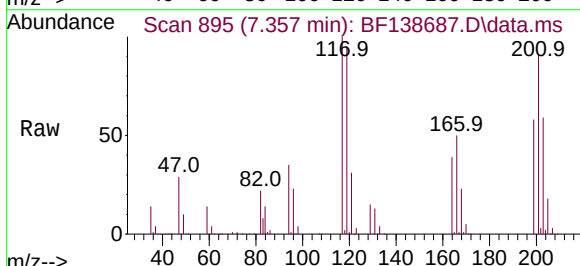
Tgt Ion:117 Resp: 177915

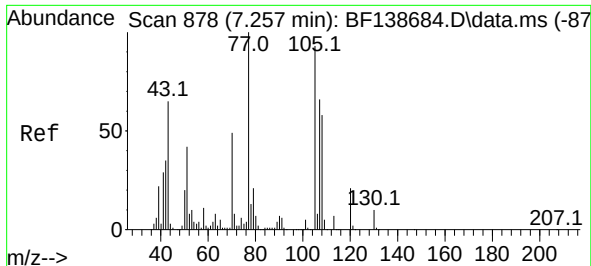
Ion Ratio Lower Upper

117 100

119 94.8 74.6 111.8

201 91.2 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 73.850 ng

RT: 7.275 min Scan# 881

Delta R.T. 0.018 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 319414

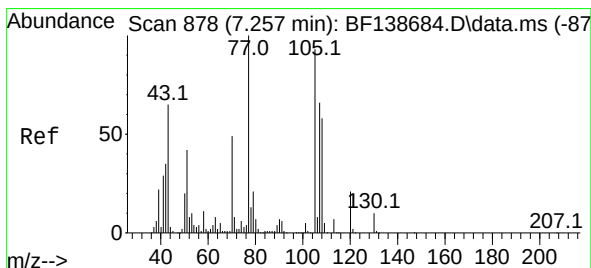
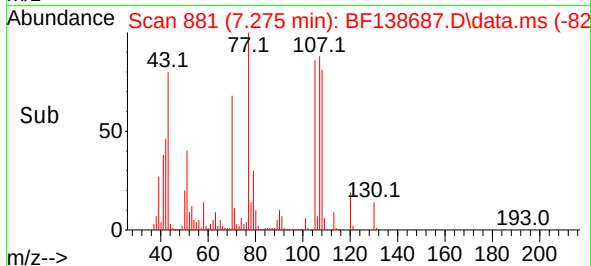
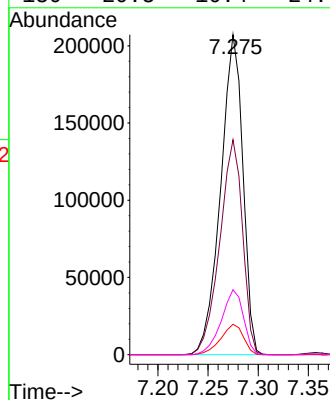
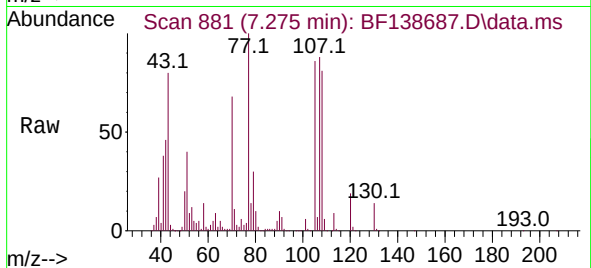
Ion Ratio Lower Upper

70 100

42 67.1 57.4 86.0

101 9.5 7.5 11.3

130 20.3 16.4 24.6



#20

3+4-Methylphenols

Concen: 70.728 ng

RT: 7.269 min Scan# 880

Delta R.T. 0.012 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Tgt Ion:107 Resp: 420506

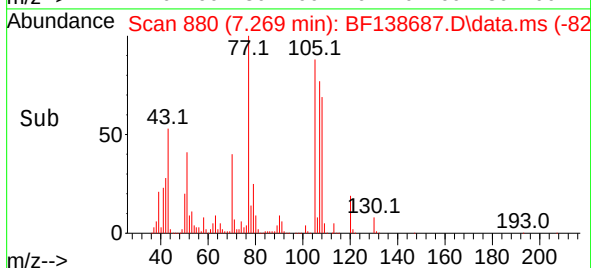
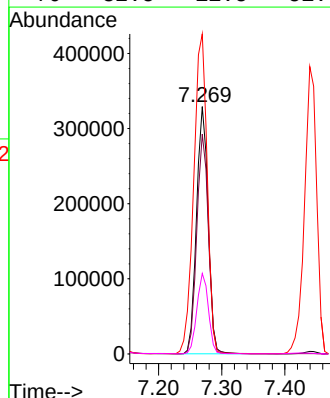
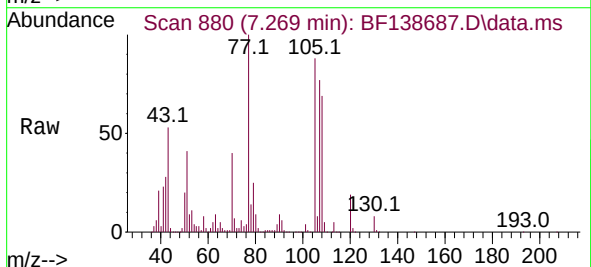
Ion Ratio Lower Upper

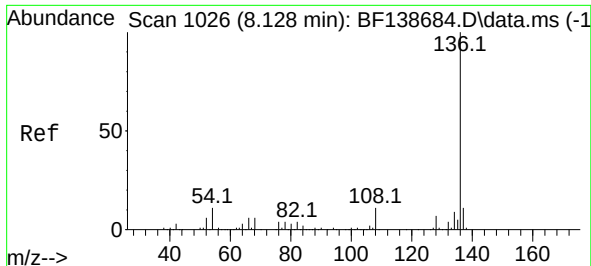
107 100

108 88.9 68.2 108.2

77 129.4 132.1 172.1#

79 32.5 11.5 51.5

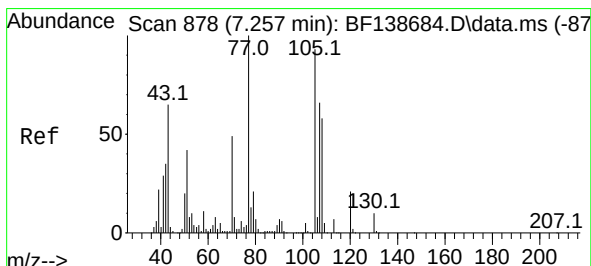
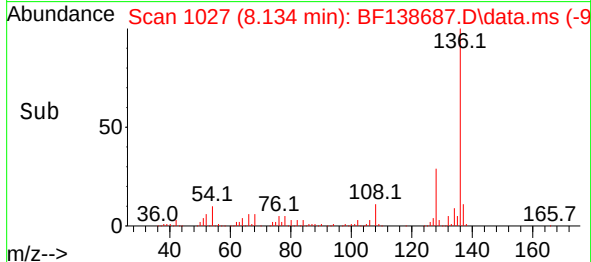
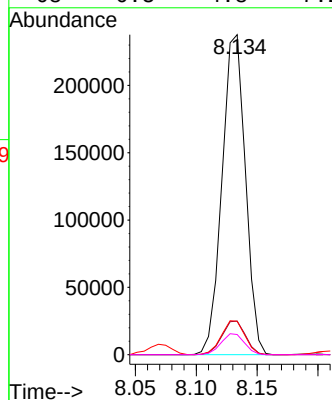
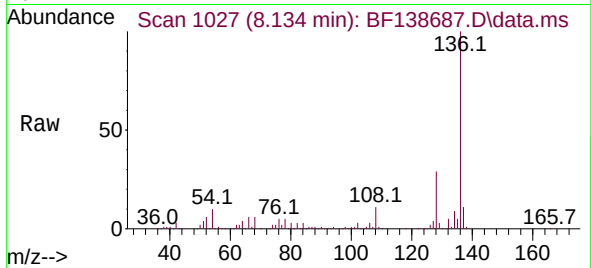




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

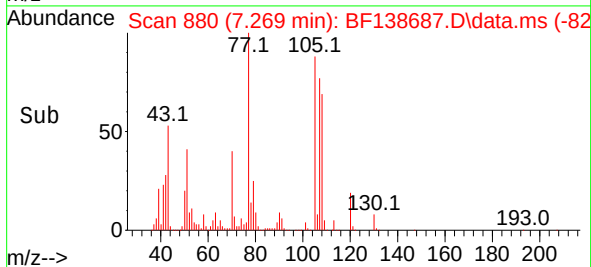
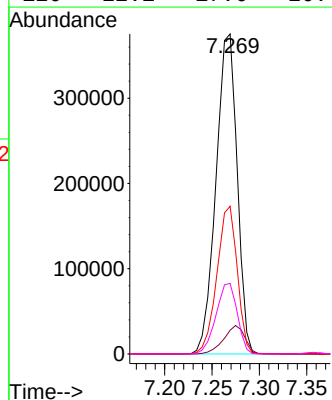
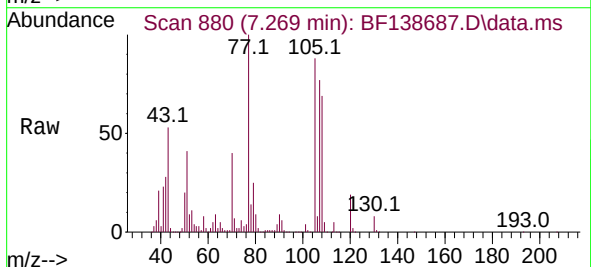
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

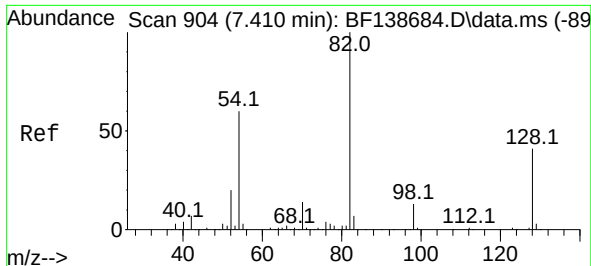
Tgt Ion:136 Resp: 318281
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 10.4 8.6 12.8
68 6.3 4.8 7.2



#22
Acetophenone
Concen: 74.849 ng
RT: 7.269 min Scan# 880
Delta R.T. 0.012 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

Tgt Ion:105 Resp: 583306
Ion Ratio Lower Upper
105 100
71 7.4 7.2 10.8
51 46.1 35.9 53.9
120 22.1 17.6 26.4





#23

Nitrobenzene-d5

Concen: 153.499 ng

RT: 7.422 min Scan# 904

Delta R.T. 0.012 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

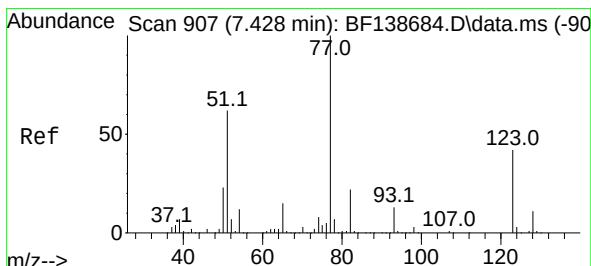
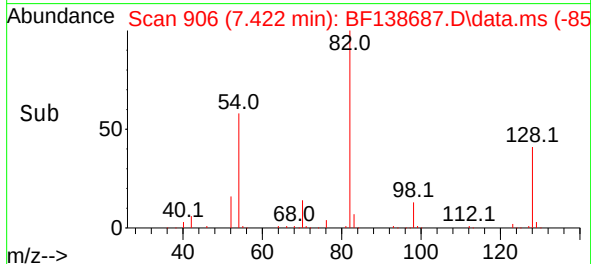
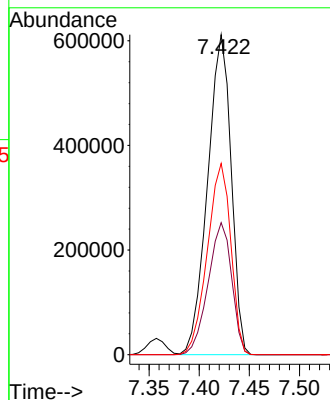
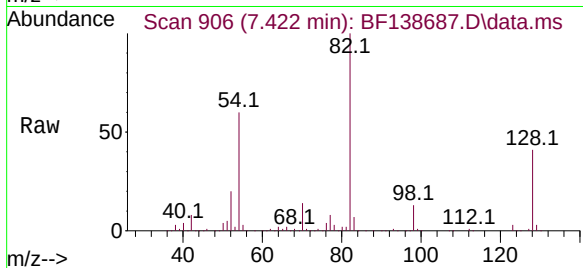
Tgt Ion: 82 Resp: 999276

Ion Ratio Lower Upper

82 100

128 41.3 32.8 49.2

54 59.8 48.3 72.5



#24

Nitrobenzene

Concen: 77.019 ng

RT: 7.440 min Scan# 909

Delta R.T. 0.012 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

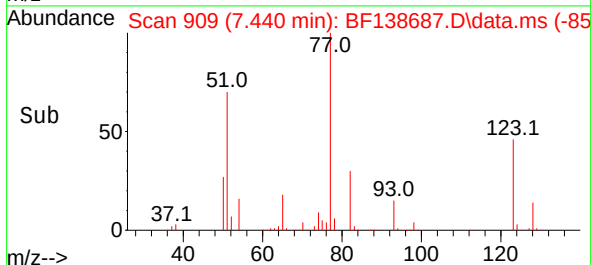
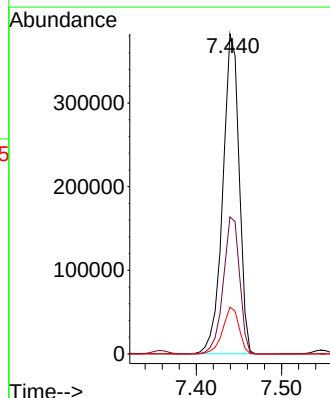
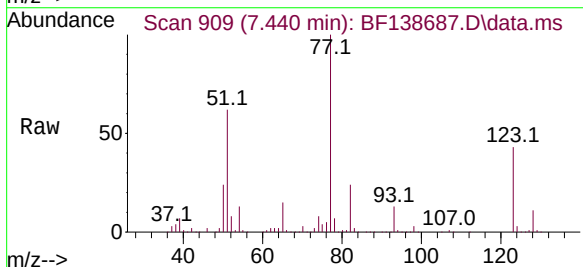
Tgt Ion: 77 Resp: 510201

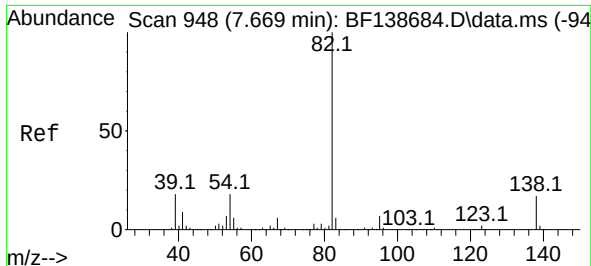
Ion Ratio Lower Upper

77 100

123 42.8 33.3 49.9

65 14.6 11.9 17.9

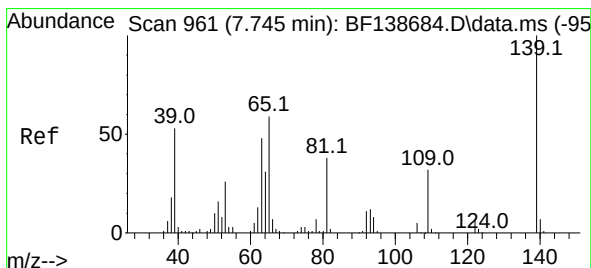
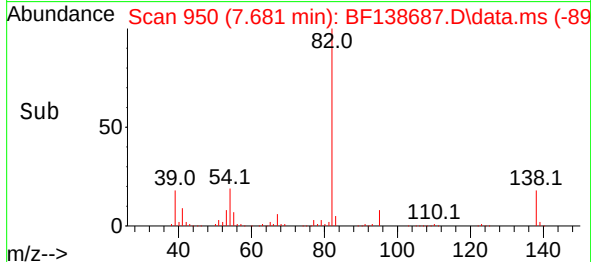
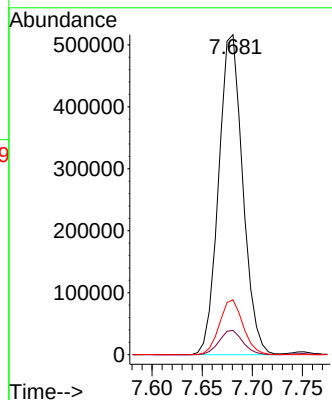
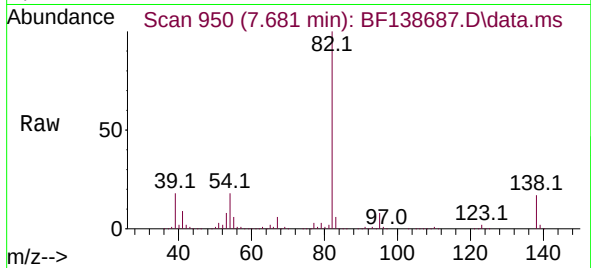




#25
Isophorone
Concen: 77.580 ng
RT: 7.681 min Scan# 948
Delta R.T. 0.012 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

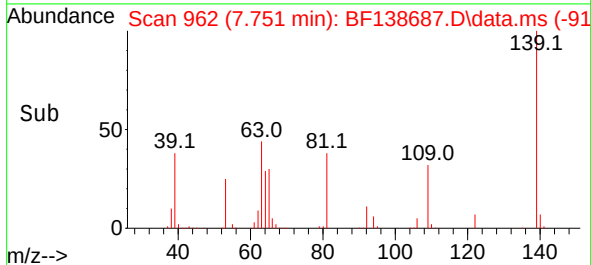
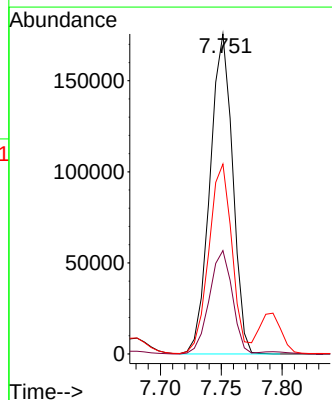
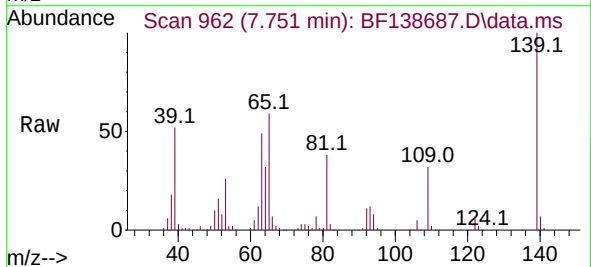
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

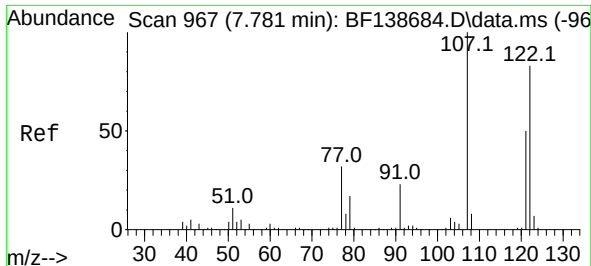
Tgt Ion: 82 Resp: 862380
Ion Ratio Lower Upper
82 100
95 7.6 5.7 8.5
138 17.2 13.7 20.5



#26
2-Nitrophenol
Concen: 79.835 ng
RT: 7.751 min Scan# 962
Delta R.T. 0.006 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

Tgt Ion:139 Resp: 227531
Ion Ratio Lower Upper
139 100
109 32.3 25.9 38.9
65 59.3 47.0 70.6

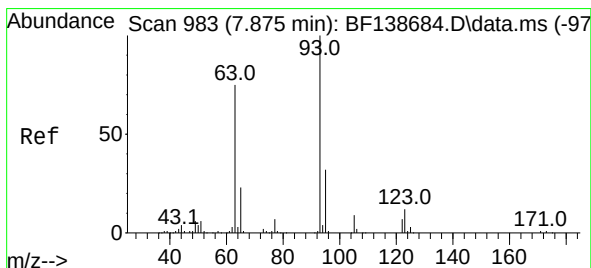
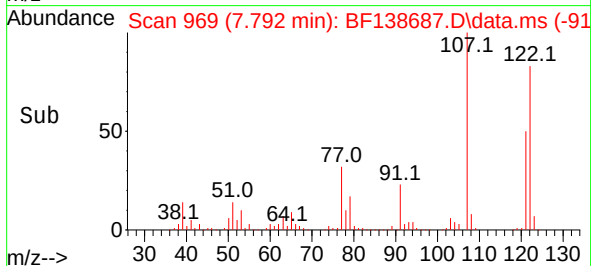
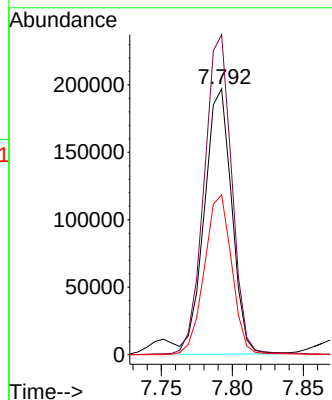
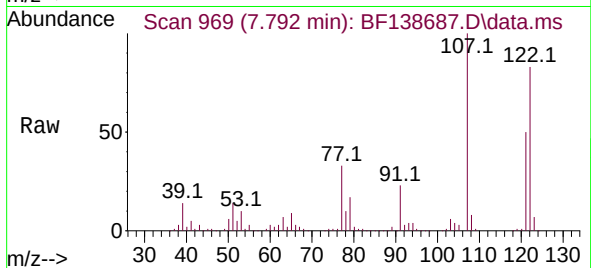




#27
2,4-Dimethylphenol
Concen: 77.265 ng
RT: 7.792 min Scan# 967
Delta R.T. 0.012 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

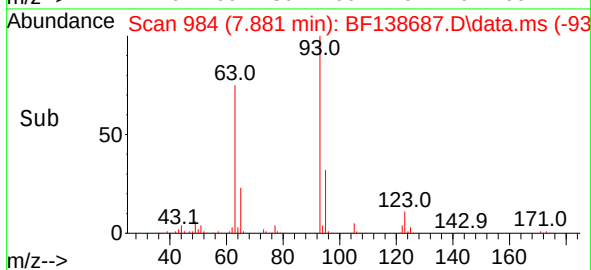
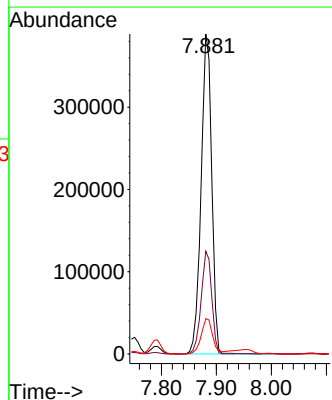
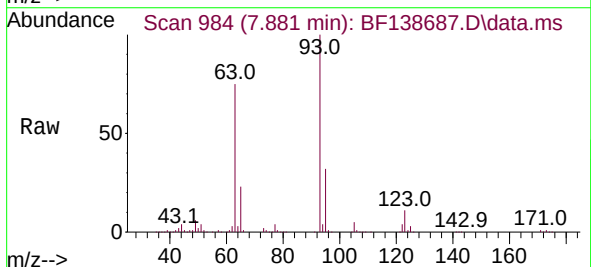
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

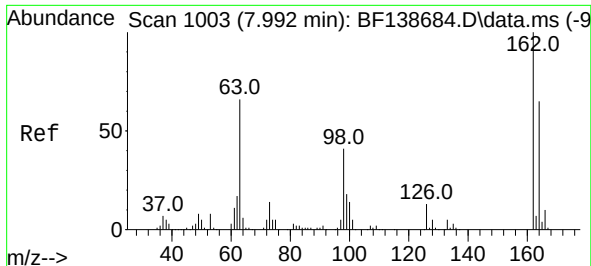
Tgt Ion:122 Resp: 263469
Ion Ratio Lower Upper
122 100
107 120.4 95.0 142.6
121 60.1 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 77.190 ng
RT: 7.881 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

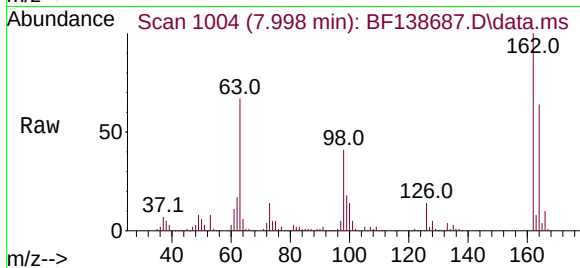
Tgt Ion: 93 Resp: 522528
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.8
123 11.1 9.4 14.0



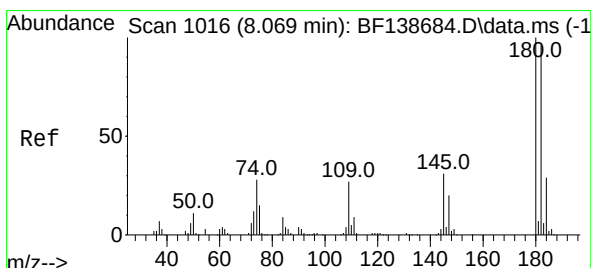
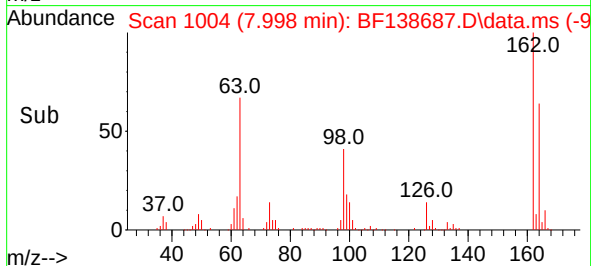
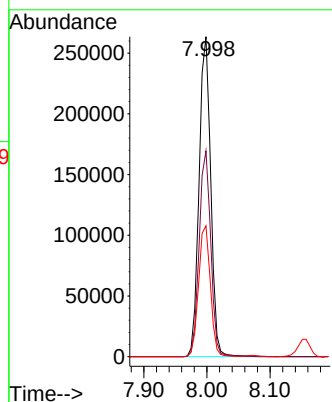


#29
2,4-Dichlorophenol
Concen: 76.805 ng
RT: 7.998 min Scan# 1004
Delta R.T. 0.006 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

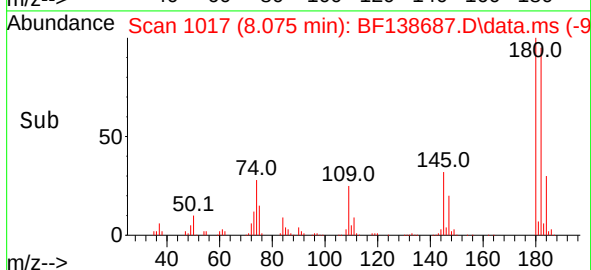
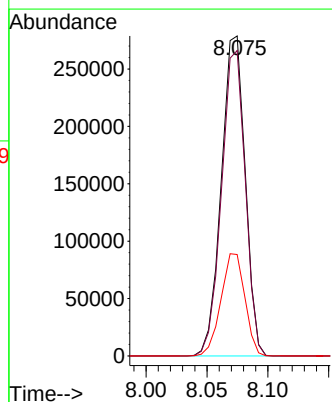
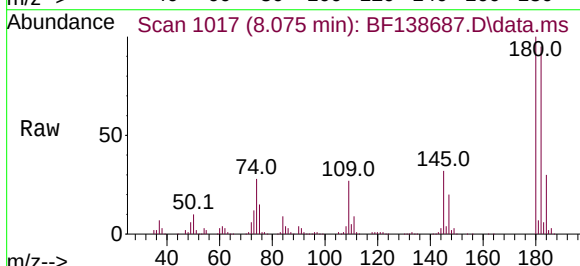


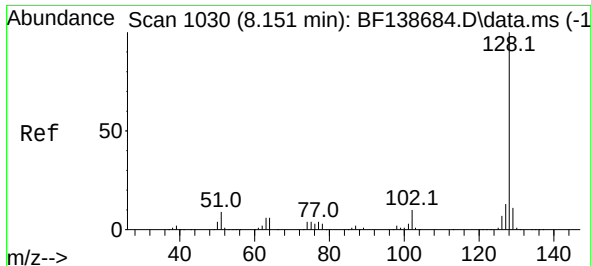
Tgt Ion:162 Resp: 336540
Ion Ratio Lower Upper
162 100
164 64.3 44.7 84.7
98 40.9 20.8 60.8



#30
1,2,4-Trichlorobenzene
Concen: 75.405 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

Tgt Ion:180 Resp: 381296
Ion Ratio Lower Upper
180 100
182 95.5 76.9 115.3
145 31.7 25.0 37.4

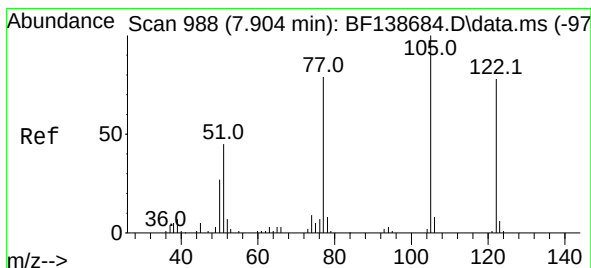
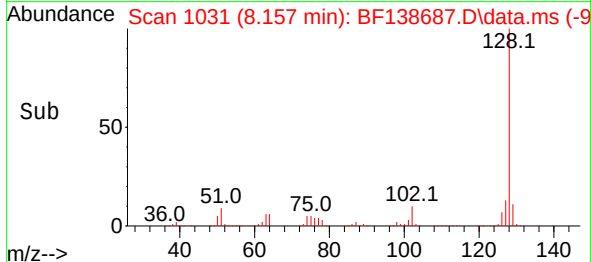
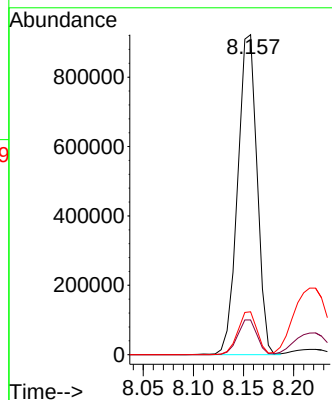
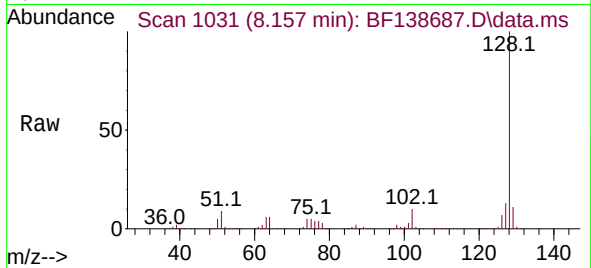




#31
Naphthalene
Concen: 74.139 ng
RT: 8.157 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

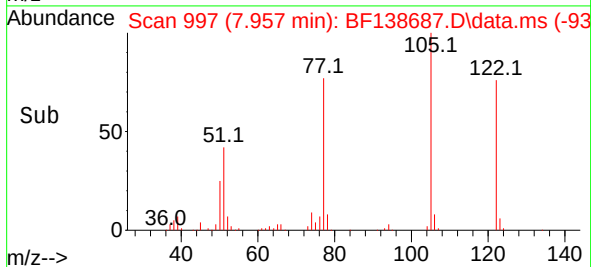
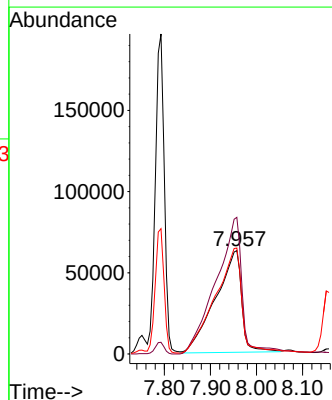
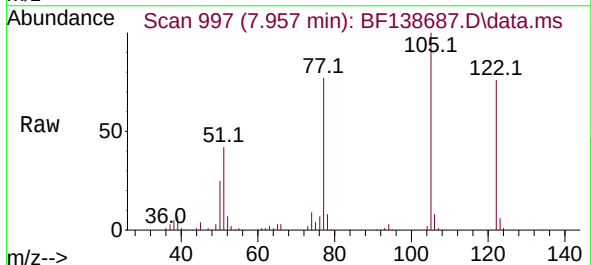
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

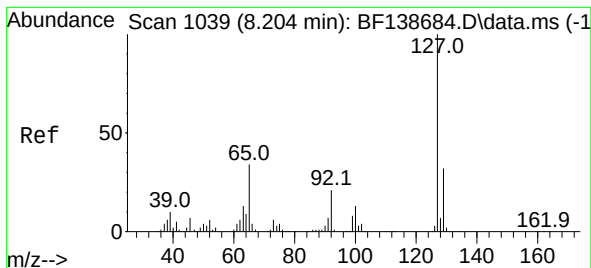
Tgt Ion:128 Resp: 1242069
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 92.209 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.053 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

Tgt Ion:122 Resp: 247058
Ion Ratio Lower Upper
122 100
105 132.3 106.7 146.7
77 102.5 81.1 121.1





#33

4-Chloroaniline

Concen: 78.849 ng

RT: 8.216 min Scan# 1041

Delta R.T. 0.012 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:127 Resp: 443424

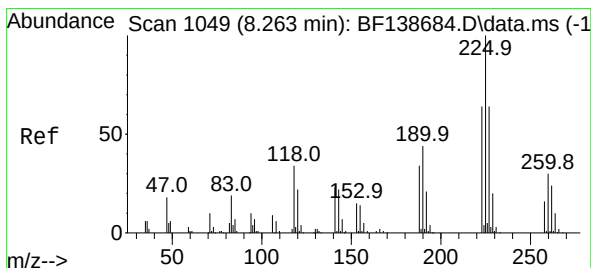
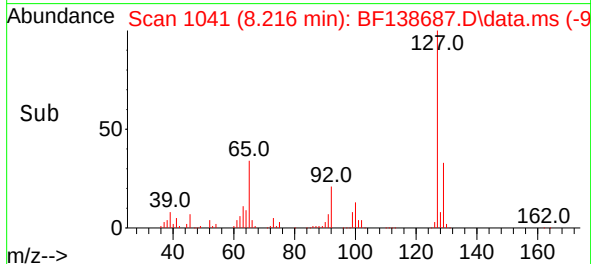
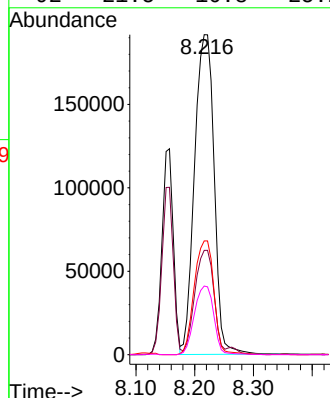
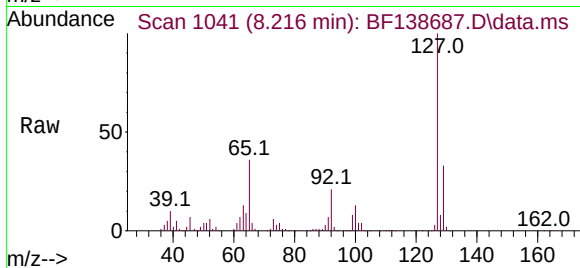
Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 35.6 27.6 41.4

92 21.5 16.8 25.2



#34

Hexachlorobutadiene

Concen: 75.351 ng

RT: 8.263 min Scan# 1049

Delta R.T. 0.000 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

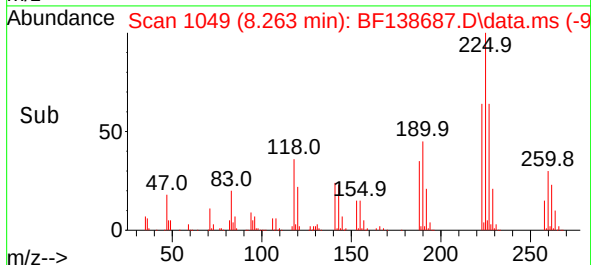
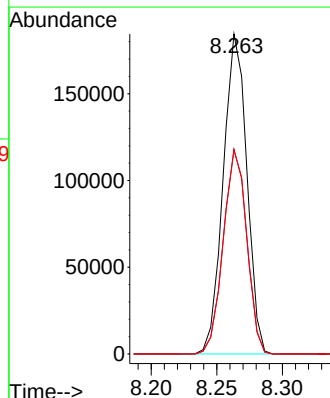
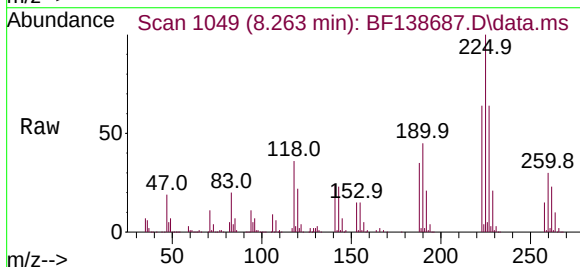
Tgt Ion:225 Resp: 230783

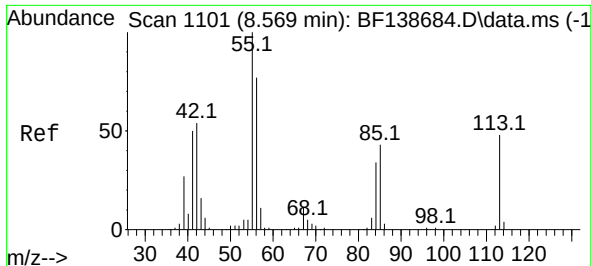
Ion Ratio Lower Upper

225 100

223 64.0 51.2 76.8

227 63.7 51.1 76.7





#35

Caprolactam

Concen: 82.539 ng

RT: 8.604 min Scan# 1107

Delta R.T. 0.035 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

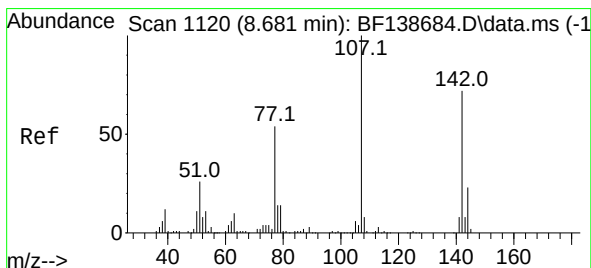
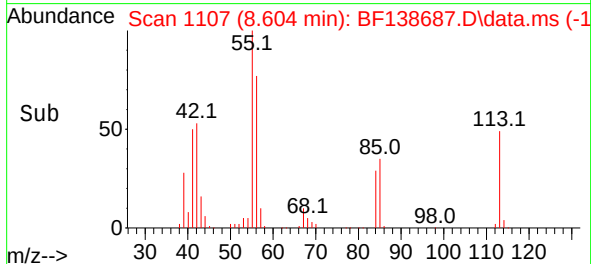
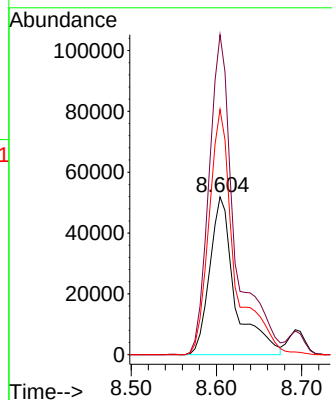
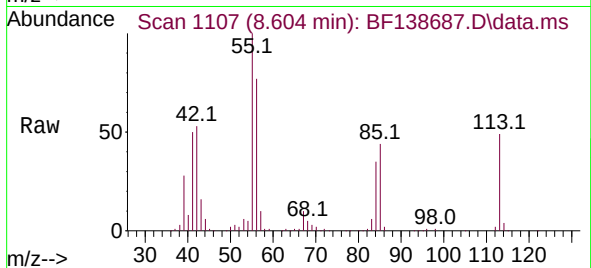
Tgt Ion:113 Resp: 107916

Ion Ratio Lower Upper

113 100

55 202.9 186.7 226.7

56 155.5 138.9 178.9



#36

4-Chloro-3-methylphenol

Concen: 77.158 ng

RT: 8.692 min Scan# 1122

Delta R.T. 0.012 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

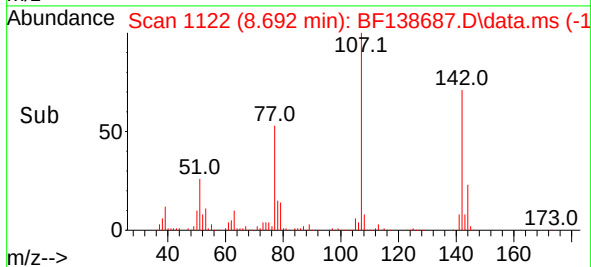
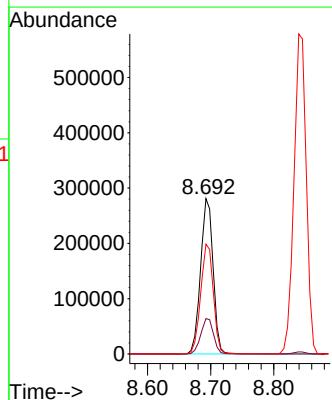
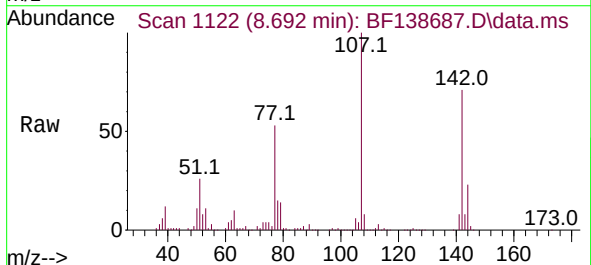
Tgt Ion:107 Resp: 386382

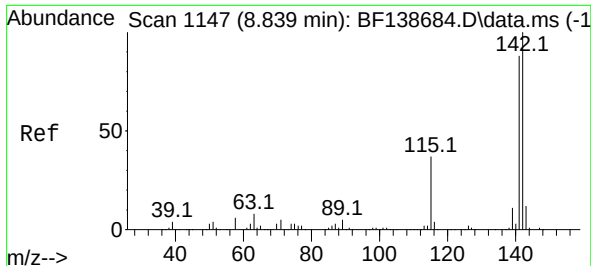
Ion Ratio Lower Upper

107 100

144 22.8 18.2 27.2

142 70.7 57.4 86.2





#37

2-Methylnaphthalene

Concen: 73.988 ng

RT: 8.839 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

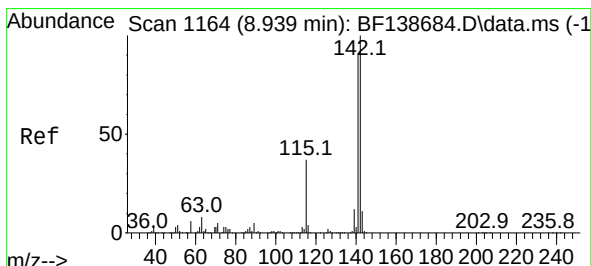
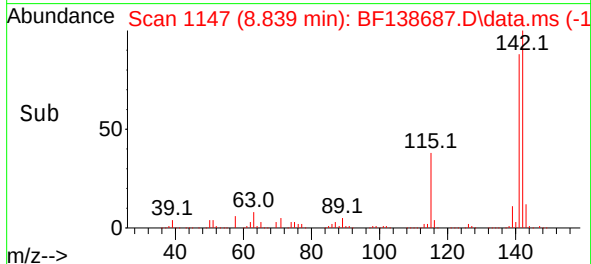
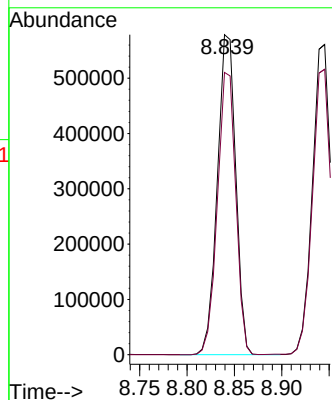
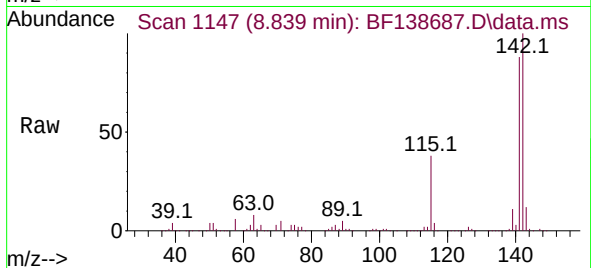
SSTDICC080

Tgt Ion:142 Resp: 782843

Ion Ratio Lower Upper

142 100

141 88.2 70.8 106.2



#38

1-Methylnaphthalene

Concen: 73.328 ng

RT: 8.945 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF138687.D

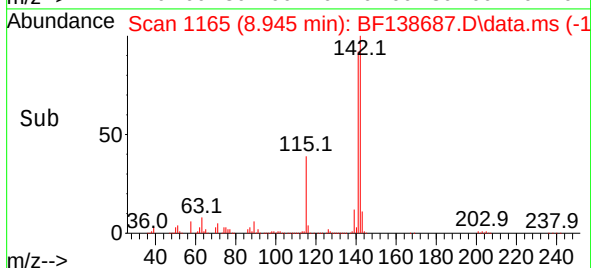
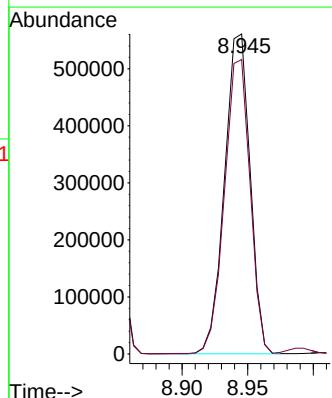
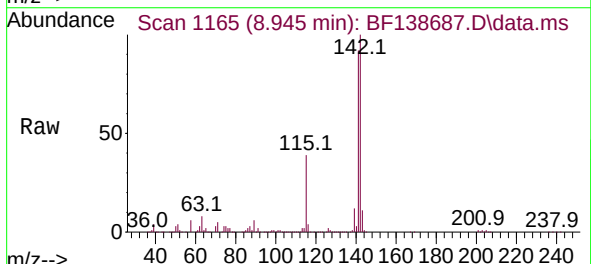
Acq: 30 Jul 2024 16:29

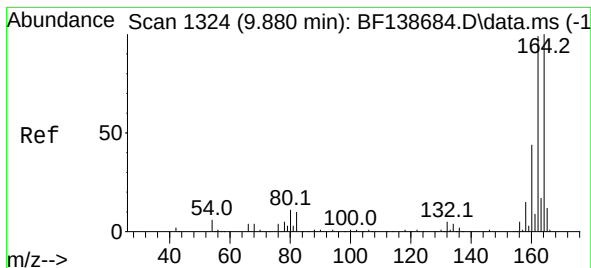
Tgt Ion:142 Resp: 760272

Ion Ratio Lower Upper

142 100

141 92.0 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1175

Delta R.T. 0.006 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

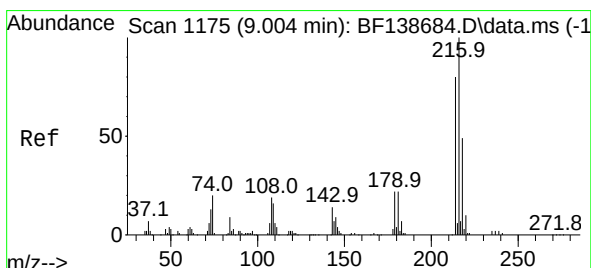
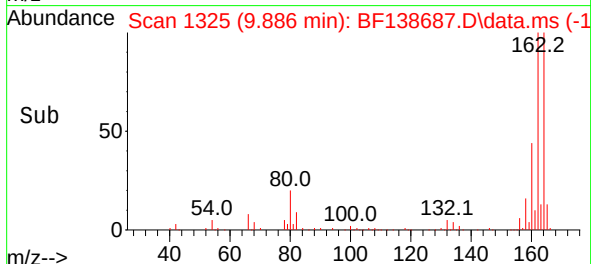
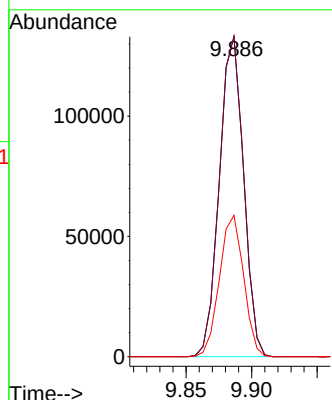
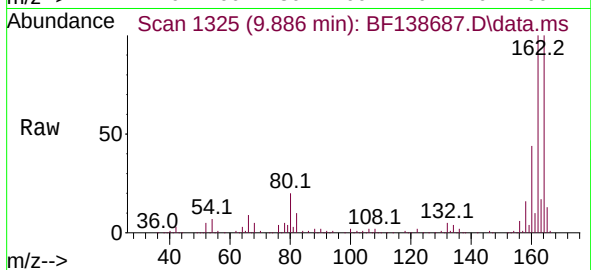
Tgt Ion:164 Resp: 170513

Ion Ratio Lower Upper

164 100

162 100.0 79.4 119.0

160 44.2 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 74.196 ng

RT: 9.010 min Scan# 1176

Delta R.T. 0.006 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Tgt Ion:216 Resp: 351438

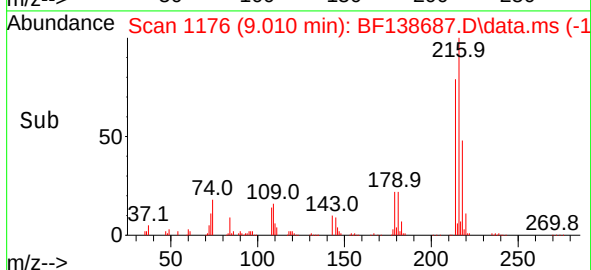
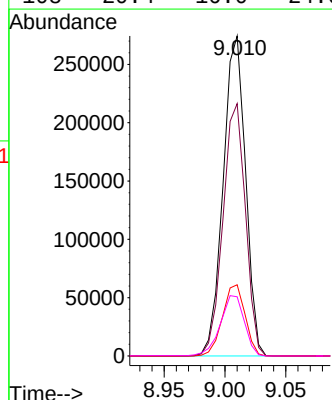
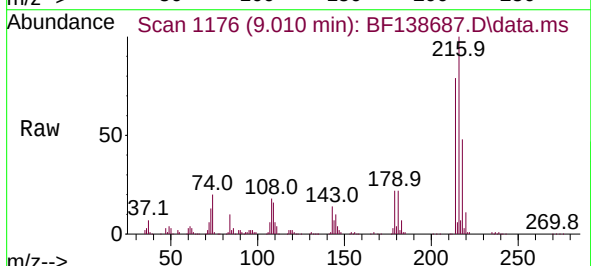
Ion Ratio Lower Upper

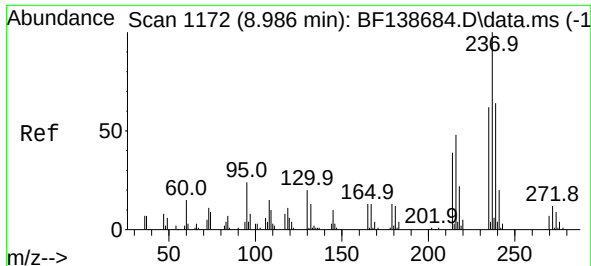
216 100

214 79.1 63.9 95.9

179 22.5 17.8 26.6

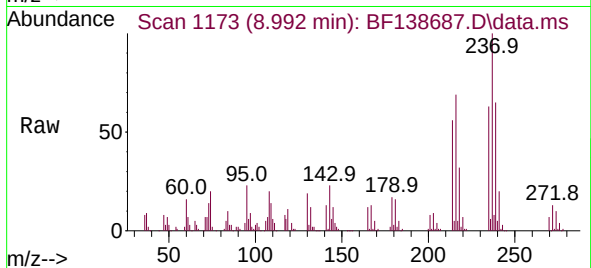
108 20.4 16.0 24.0



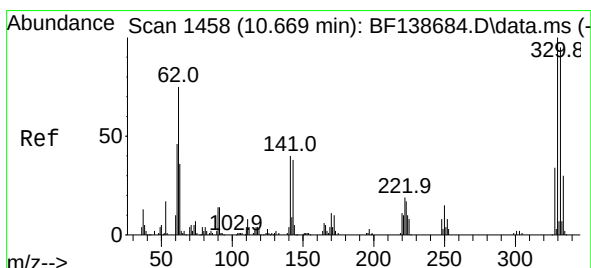
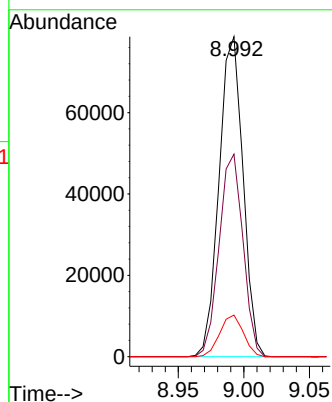
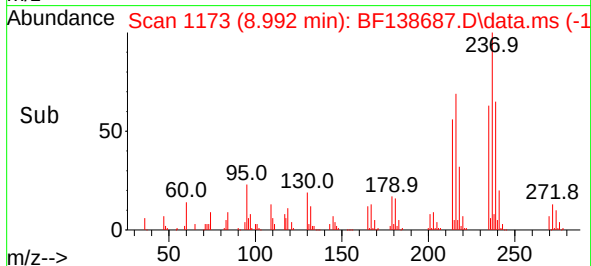


#41
Hexachlorocyclopentadiene
Concen: 79.729 ng
RT: 8.992 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

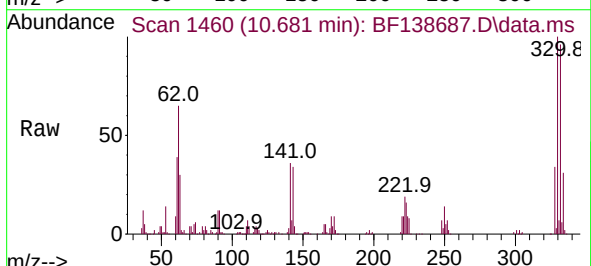
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



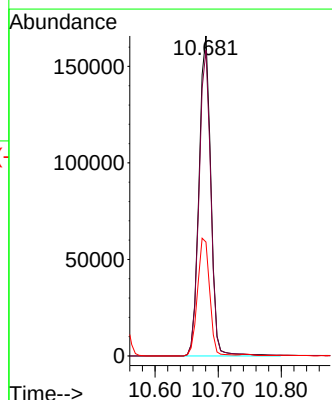
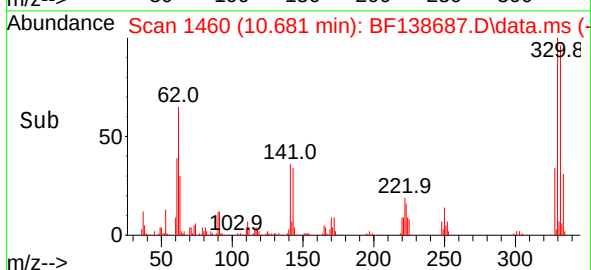
Tgt Ion:237 Resp: 99926
Ion Ratio Lower Upper
237 100
235 63.3 41.8 81.8
272 13.0 0.0 32.2

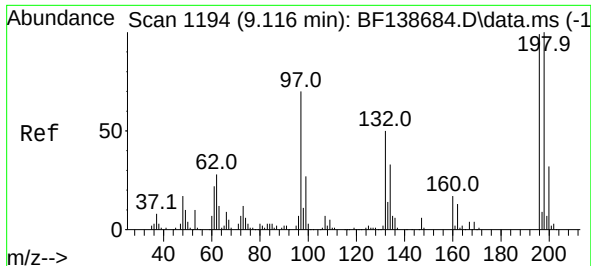


#42
2,4,6-Tribromophenol
Concen: 154.157 ng
RT: 10.681 min Scan# 1460
Delta R.T. 0.012 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29



Tgt Ion:330 Resp: 215316
Ion Ratio Lower Upper
330 100
332 95.3 76.4 114.6
141 37.9 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 78.913 ng

RT: 9.122 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF138687.D

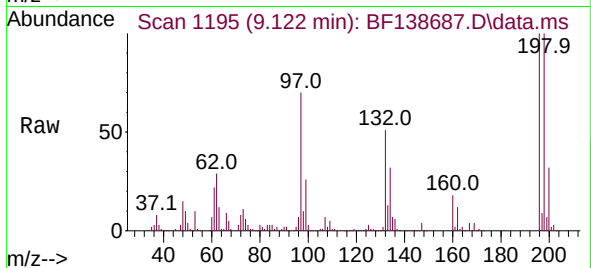
Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



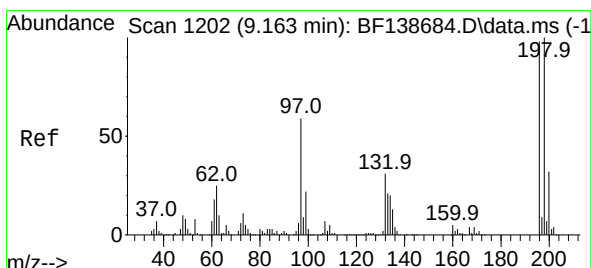
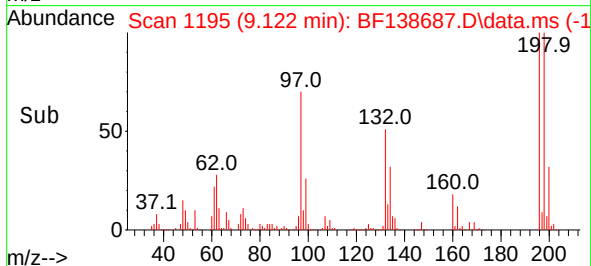
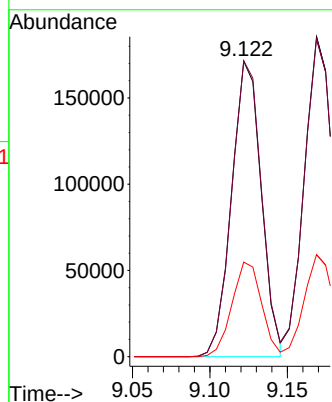
Tgt Ion:196 Resp: 227901

Ion Ratio Lower Upper

196 100

198 100.2 80.5 120.7

200 32.0 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 77.822 ng

RT: 9.169 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Tgt Ion:196 Resp: 245697

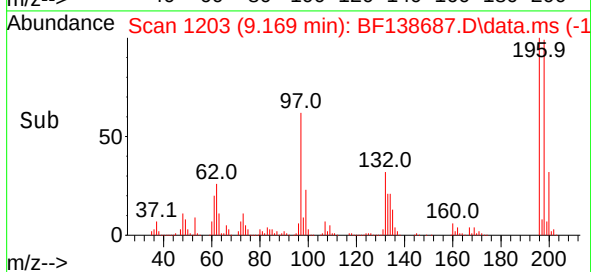
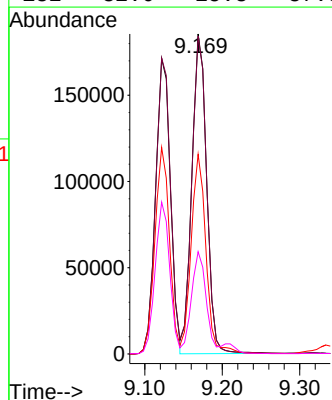
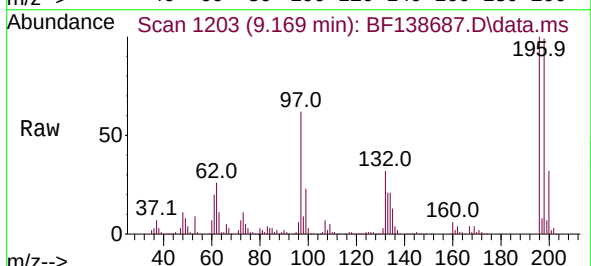
Ion Ratio Lower Upper

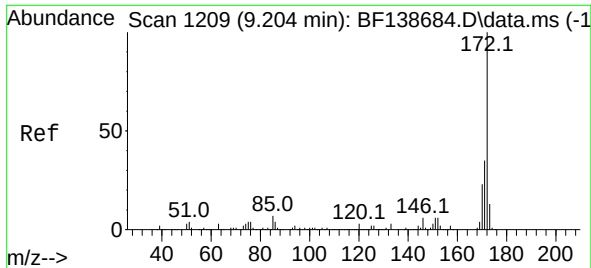
196 100

198 99.3 81.2 121.8

97 62.4 47.8 71.6

132 32.0 25.3 37.9

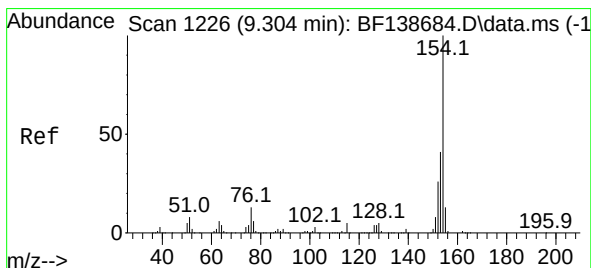
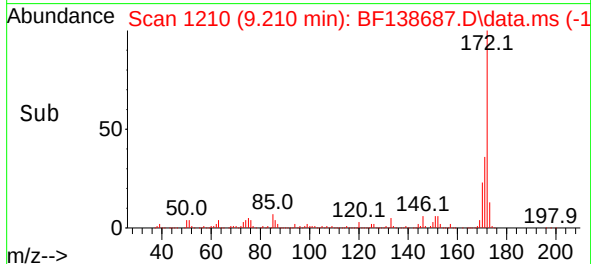
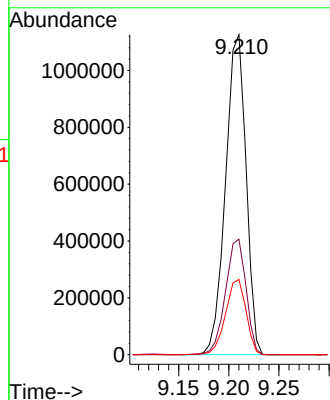
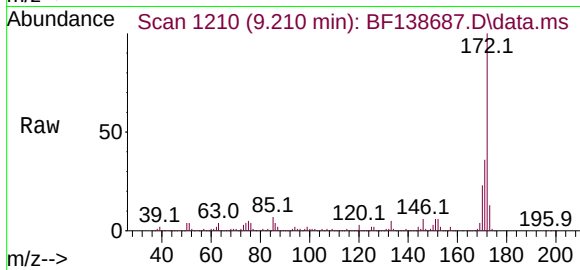




#45
2-Fluorobiphenyl
Concen: 140.843 ng
RT: 9.210 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

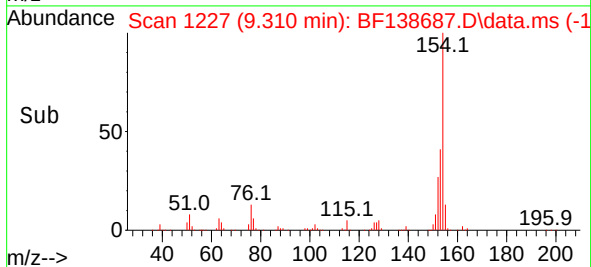
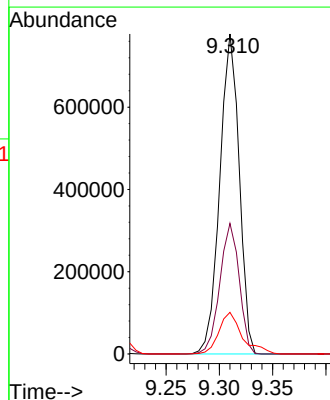
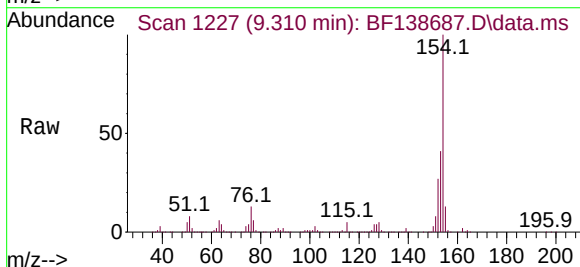
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

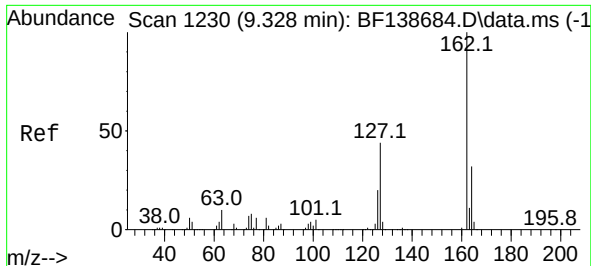
Tgt Ion:172 Resp: 1598378
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.5 18.8 28.2



#46
1,1'-Biphenyl
Concen: 73.651 ng
RT: 9.310 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

Tgt Ion:154 Resp: 983564
Ion Ratio Lower Upper
154 100
153 40.8 20.8 60.8
76 13.0 0.0 32.8





#47

2-Chloronaphthalene

Concen: 74.793 ng

RT: 9.334 min Scan# 1231

Delta R.T. 0.006 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

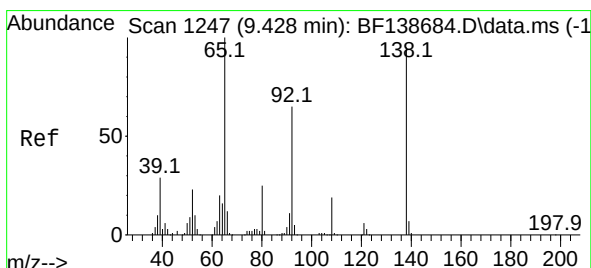
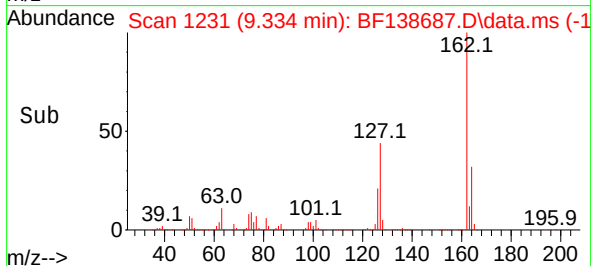
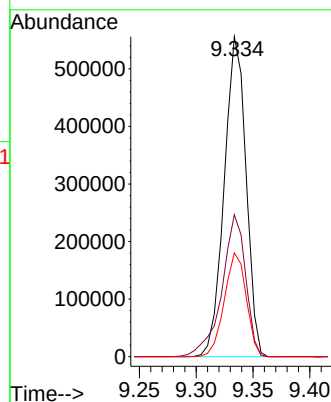
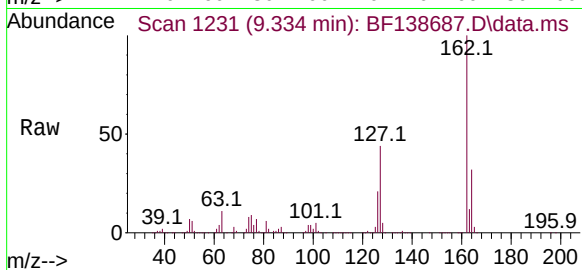
Tgt Ion:162 Resp: 742852

Ion Ratio Lower Upper

162 100

127 44.4 35.4 53.2

164 32.4 25.6 38.4



#48

2-Nitroaniline

Concen: 79.066 ng

RT: 9.434 min Scan# 1248

Delta R.T. 0.006 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

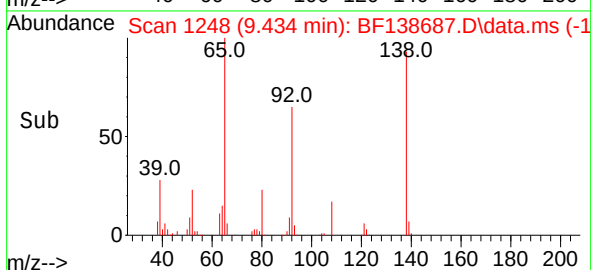
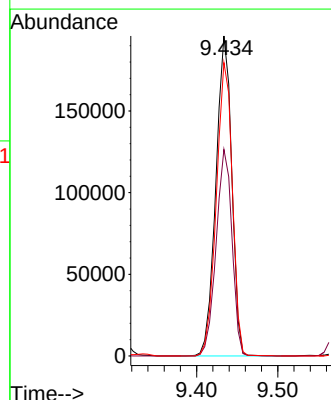
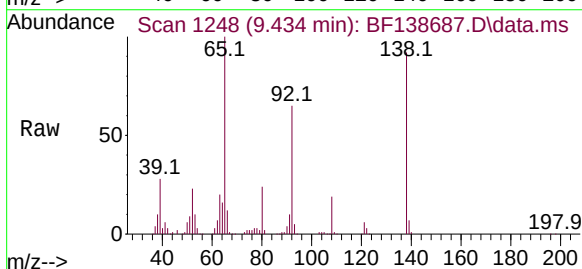
Tgt Ion: 65 Resp: 266220

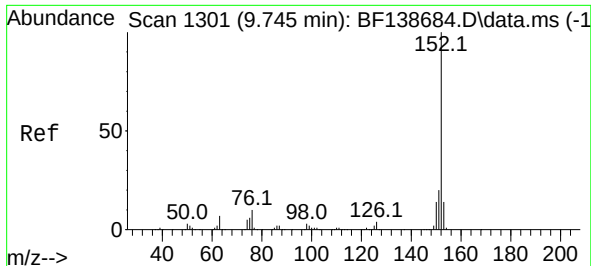
Ion Ratio Lower Upper

65 100

92 64.6 52.0 78.0

138 91.7 76.2 114.4





#49

Acenaphthylene

Concen: 71.944 ng

RT: 9.751 min Scan# 1301

Delta R.T. 0.006 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

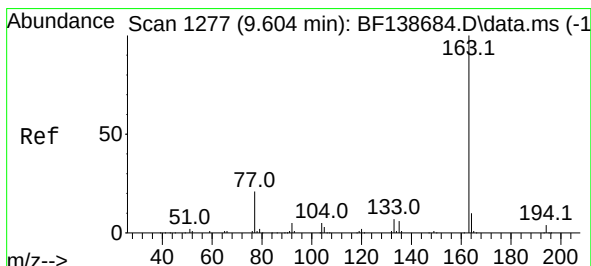
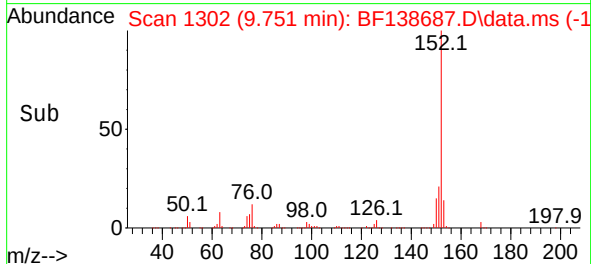
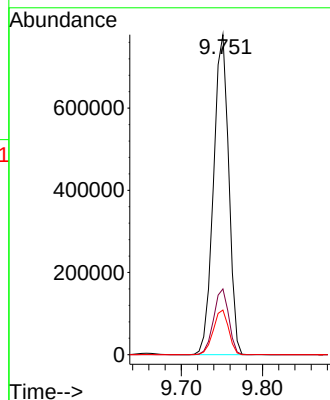
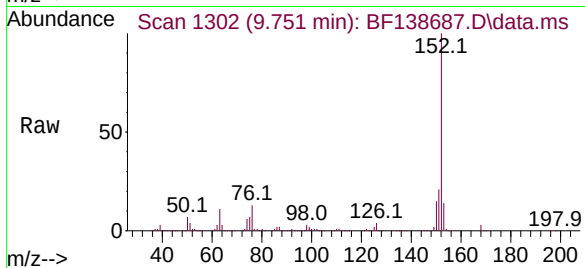
Tgt Ion:152 Resp: 1013441

Ion Ratio Lower Upper

152 100

151 20.6 16.0 24.0

153 14.0 11.0 16.4



#50

Dimethylphthalate

Concen: 77.379 ng

RT: 9.616 min Scan# 1279

Delta R.T. 0.012 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

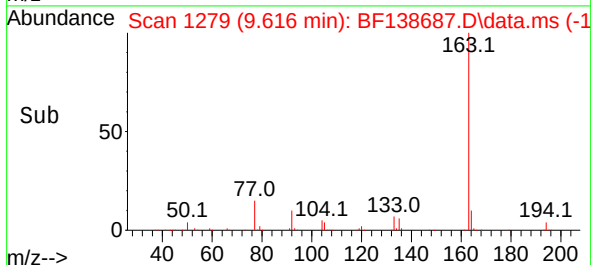
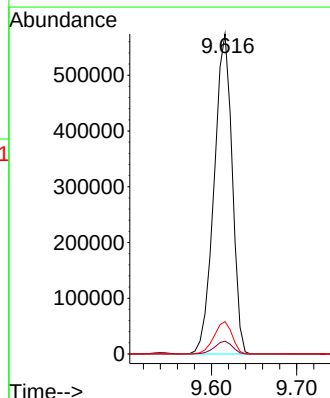
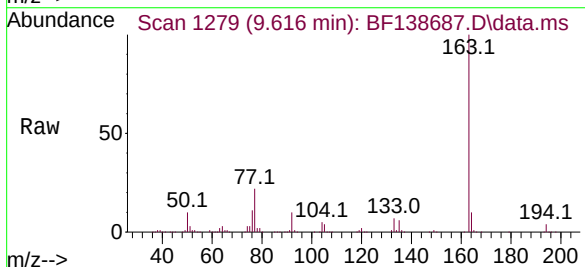
Tgt Ion:163 Resp: 843645

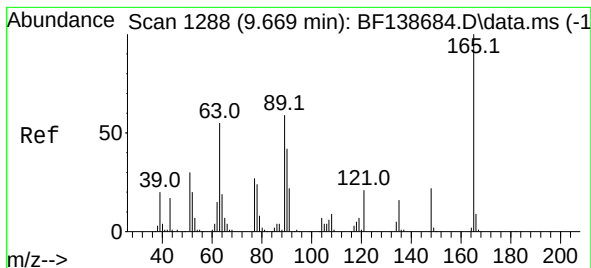
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.1 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 76.868 ng

RT: 9.681 min Scan# 1288

Delta R.T. 0.012 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

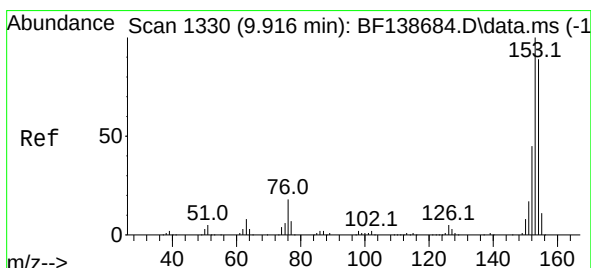
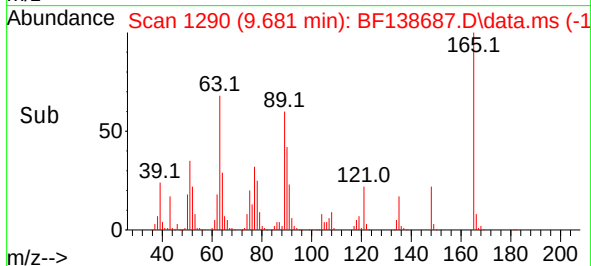
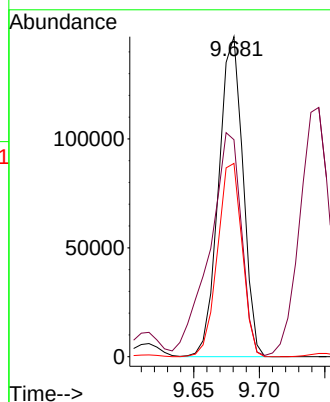
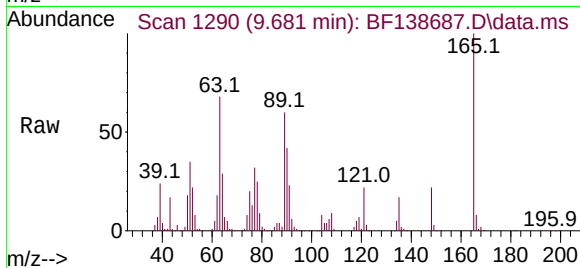
Tgt Ion:165 Resp: 189138

Ion Ratio Lower Upper

165 100

63 67.8 52.0 78.0

89 60.4 47.0 70.6



#52

Acenaphthene

Concen: 73.198 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.006 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

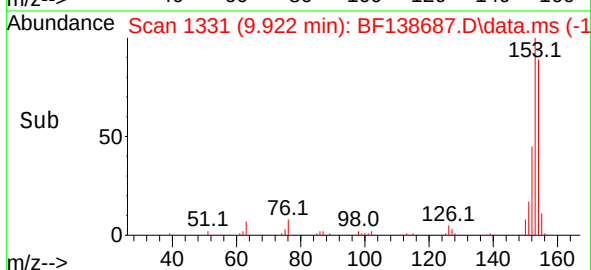
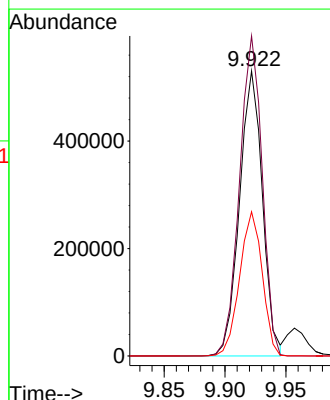
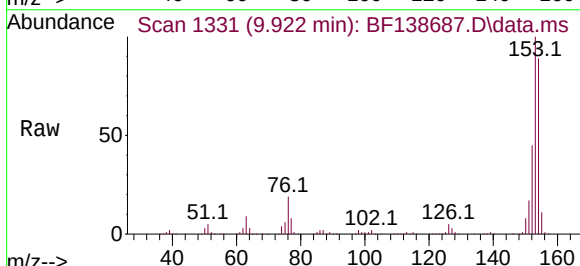
Tgt Ion:154 Resp: 693130

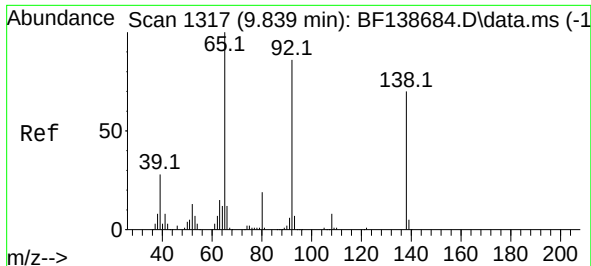
Ion Ratio Lower Upper

154 100

153 112.3 89.9 134.9

152 50.6 40.6 60.8

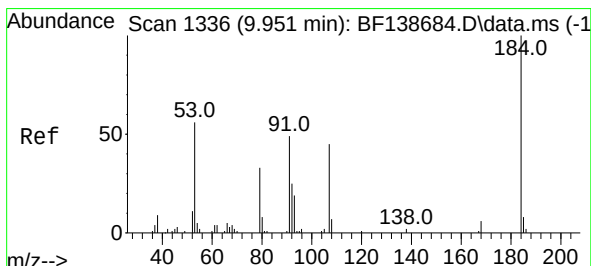
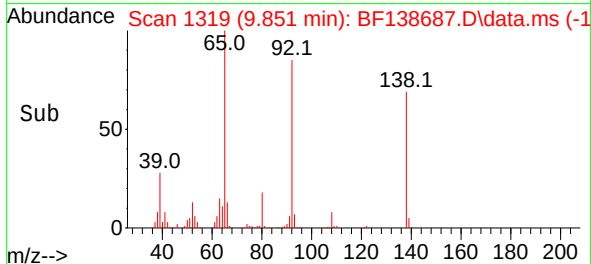
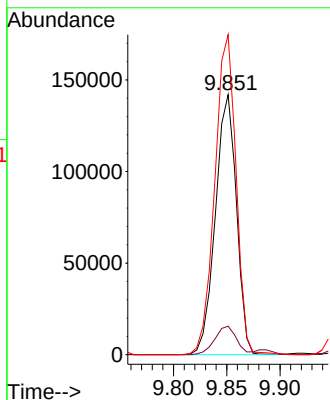
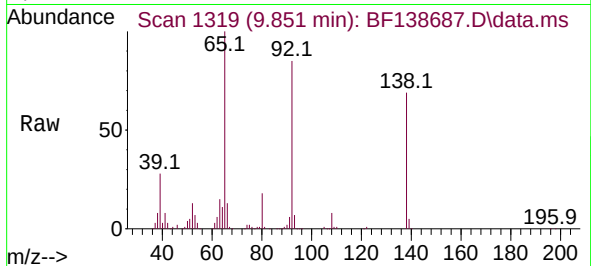




#53
3-Nitroaniline
Concen: 76.581 ng
RT: 9.851 min Scan# 1319
Delta R.T. 0.012 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

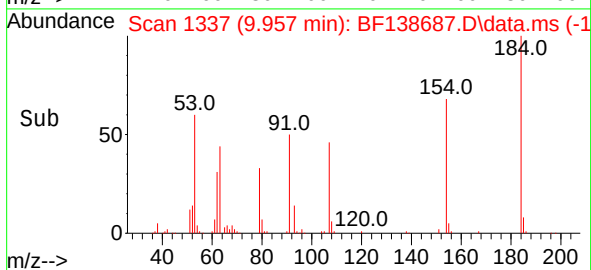
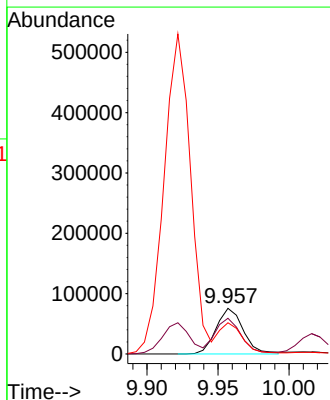
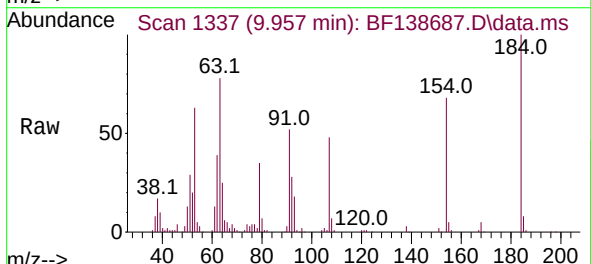
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

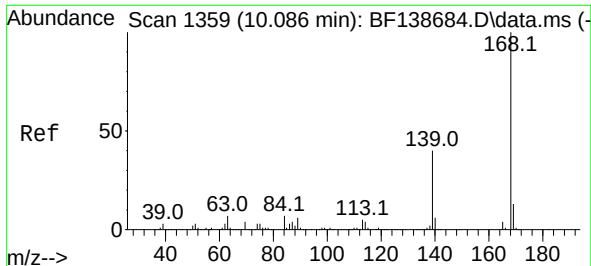
Tgt Ion:138 Resp: 194796
Ion Ratio Lower Upper
138 100
108 11.0 9.1 13.7
92 123.1 98.7 148.1



#54
2,4-Dinitrophenol
Concen: 88.986 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

Tgt Ion:184 Resp: 100793
Ion Ratio Lower Upper
184 100
63 78.3 57.5 86.3
154 68.5 51.7 77.5

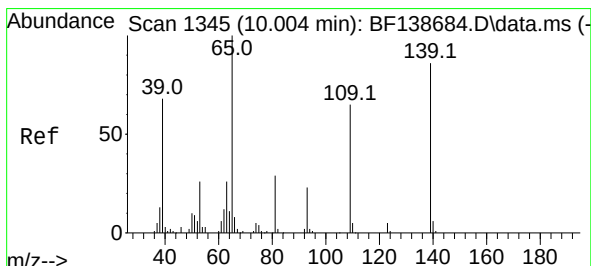
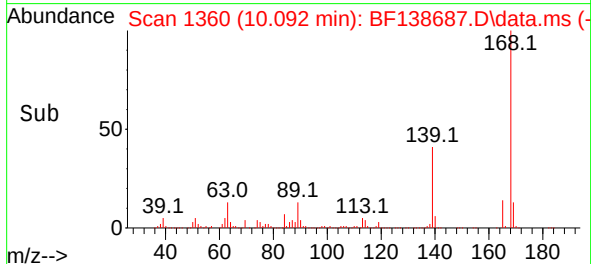
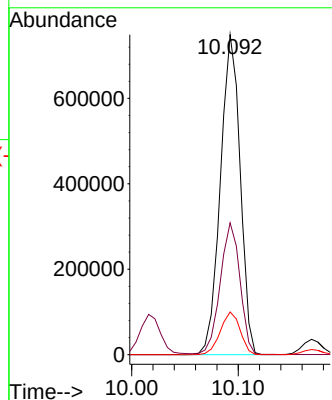
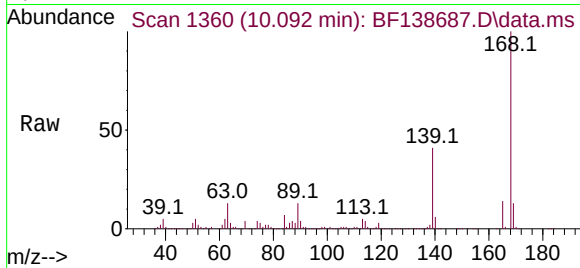




#55
Dibenzofuran
Concen: 72.071 ng
RT: 10.092 min Scan# 1359
Delta R.T. 0.006 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

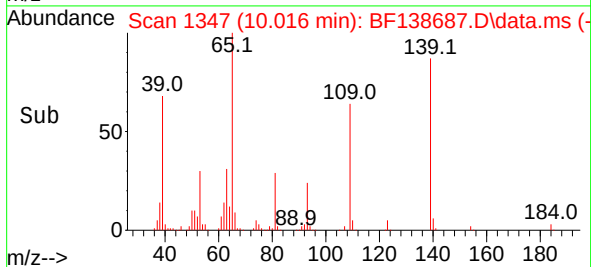
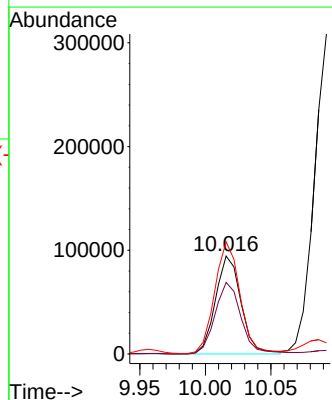
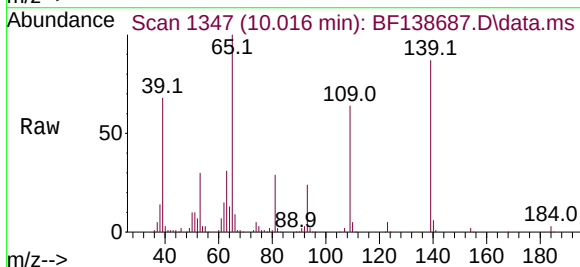
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

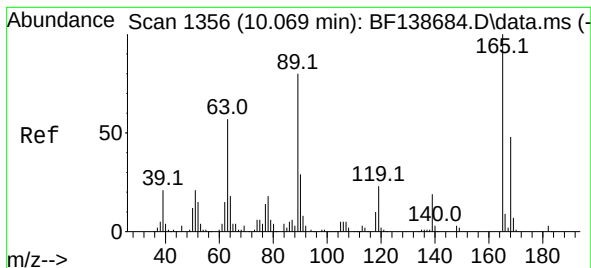
Tgt Ion:168 Resp: 963359
Ion Ratio Lower Upper
168 100
139 41.2 32.6 49.0
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 83.411 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.012 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

Tgt Ion:139 Resp: 127589
Ion Ratio Lower Upper
139 100
109 73.1 55.5 95.5
65 114.7 96.7 136.7





#57

2,4-Dinitrotoluene

Concen: 75.642 ng

RT: 10.086 min Scan# 1418

Delta R.T. 0.018 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:165 Resp: 237463

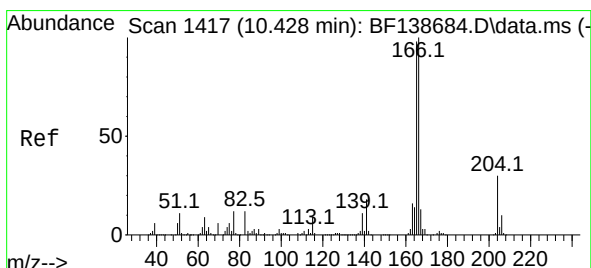
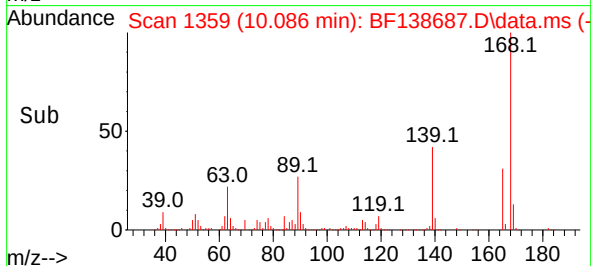
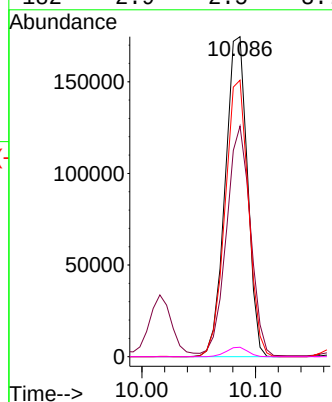
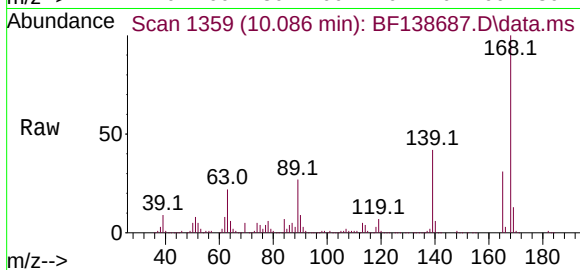
Ion Ratio Lower Upper

165 100

63 72.1 46.3 69.5#

89 86.4 64.2 96.4

182 2.9 2.5 3.7



#58

Fluorene

Concen: 72.188 ng

RT: 10.433 min Scan# 1418

Delta R.T. 0.006 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

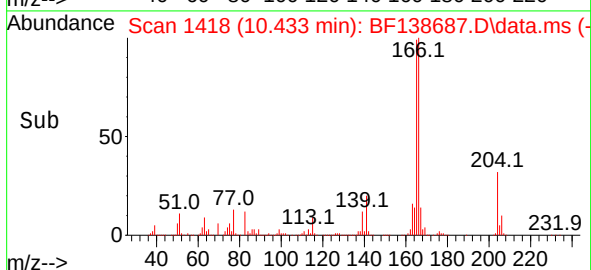
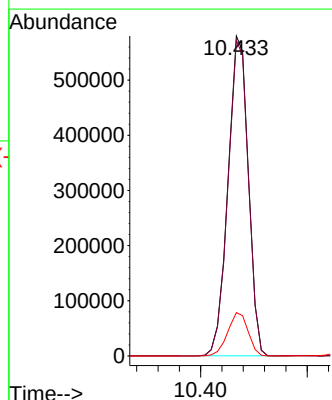
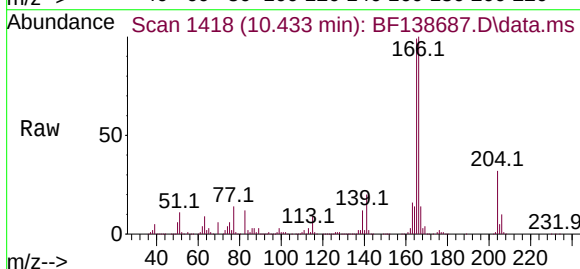
Tgt Ion:166 Resp: 768404

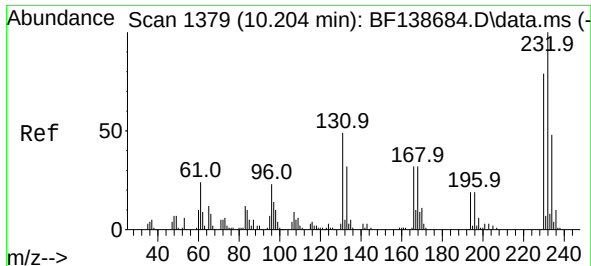
Ion Ratio Lower Upper

166 100

165 98.7 78.4 117.6

167 13.6 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 79.721 ng

RT: 10.216 min Scan# 1381

Delta R.T. 0.012 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:232 Resp: 192425

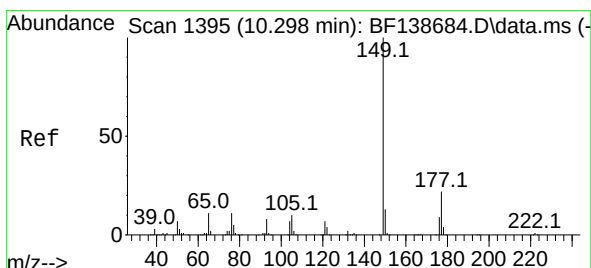
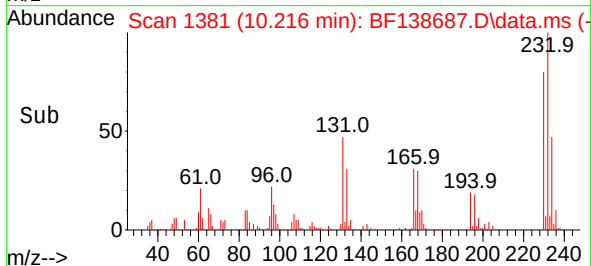
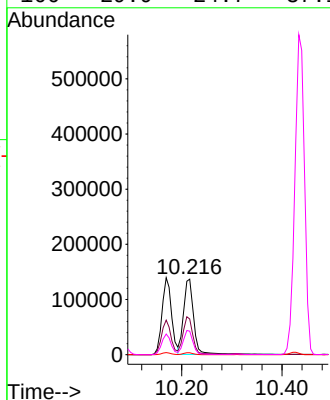
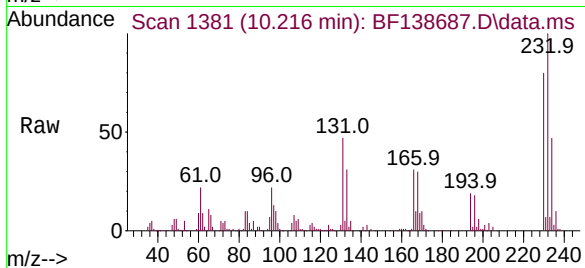
Ion Ratio Lower Upper

232 100

131 48.4 37.0 55.4

130 2.5 2.0 3.0

166 29.9 24.7 37.1



#60

Diethylphthalate

Concen: 76.270 ng

RT: 10.310 min Scan# 1397

Delta R.T. 0.012 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

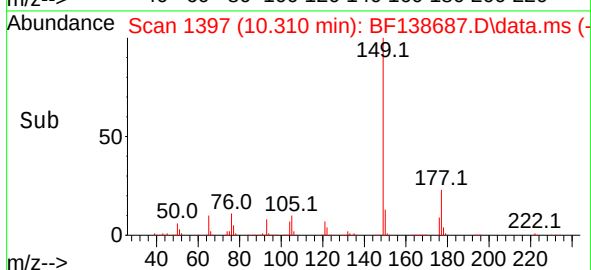
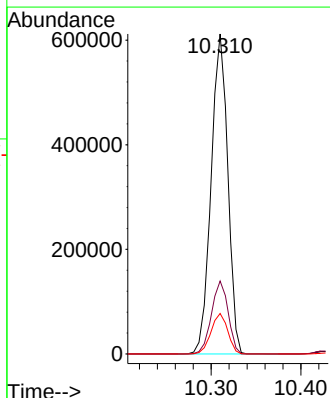
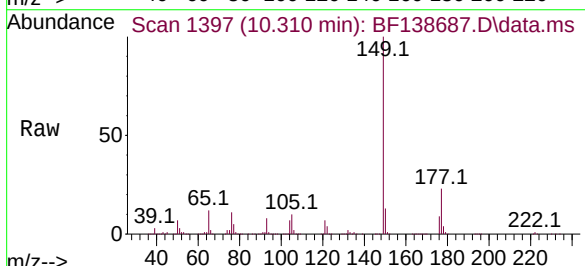
Tgt Ion:149 Resp: 788464

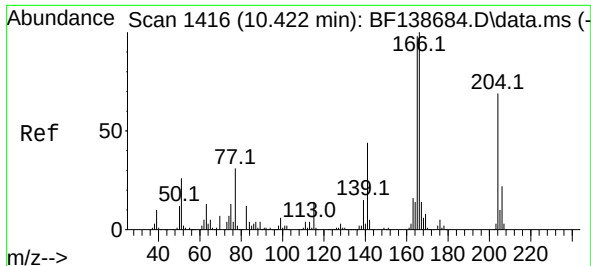
Ion Ratio Lower Upper

149 100

177 22.8 17.8 26.8

150 12.7 10.1 15.1

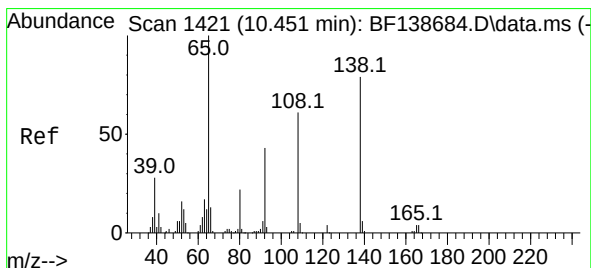
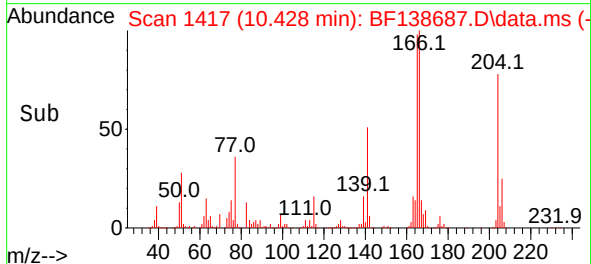
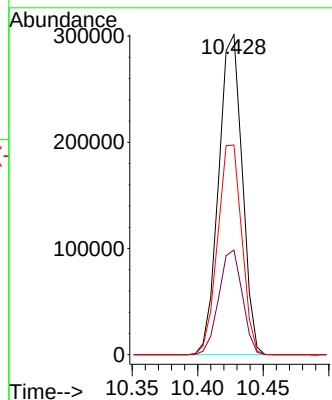
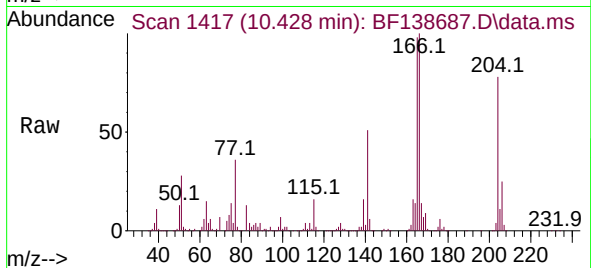




#61
4-Chlorophenyl-phenylether
Concen: 71.847 ng
RT: 10.428 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

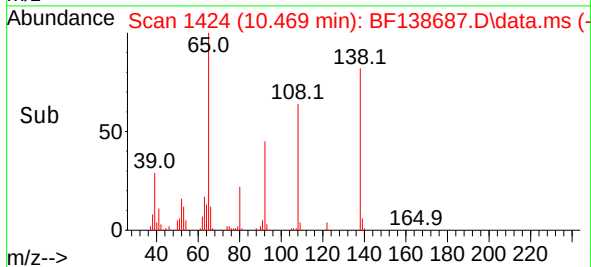
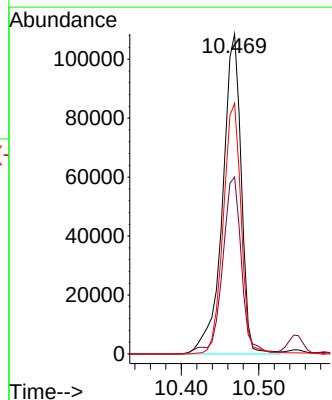
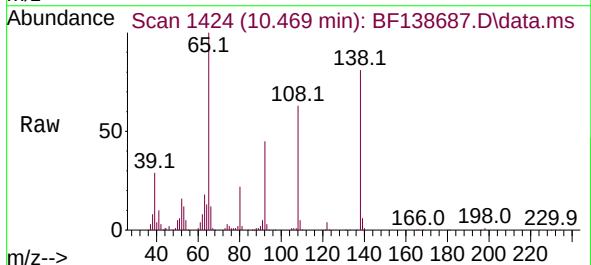
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

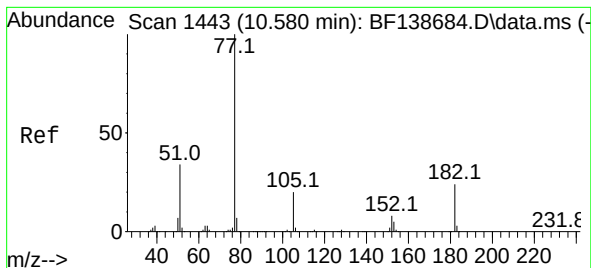
Tgt Ion:204 Resp: 376130
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 65.5 51.4 77.0



#62
4-Nitroaniline
Concen: 75.227 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.018 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

Tgt Ion:138 Resp: 181845
Ion Ratio Lower Upper
138 100
92 55.3 34.2 74.2
108 78.3 56.2 96.2





#63

Azobenzene

Concen: 74.806 ng

RT: 10.586 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 857699

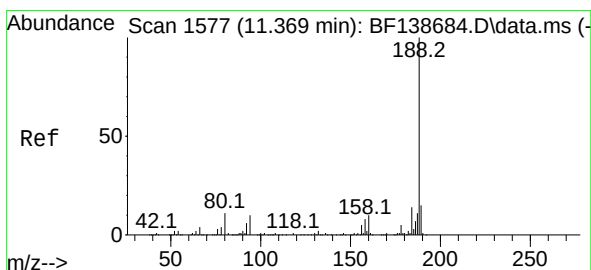
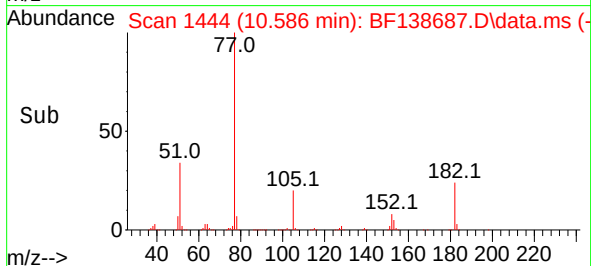
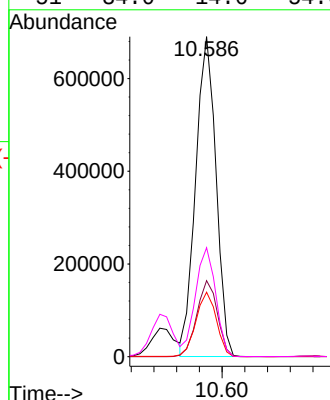
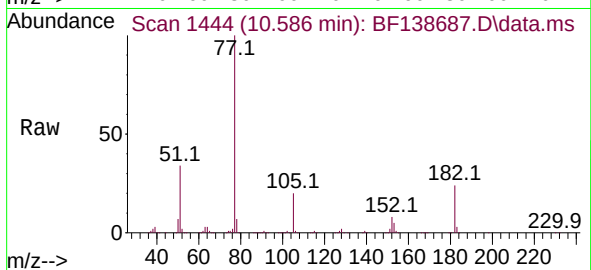
Ion Ratio Lower Upper

77 100

182 23.8 3.4 43.4

105 20.1 0.2 40.2

51 34.0 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: BF138687.D

Acq: 30 Jul 2024 16:29

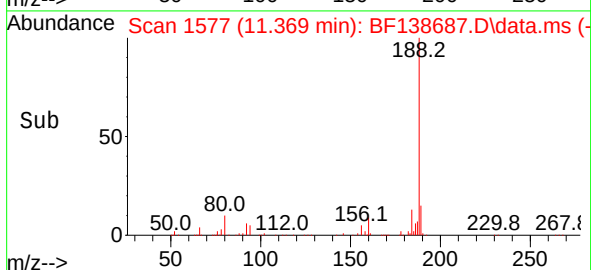
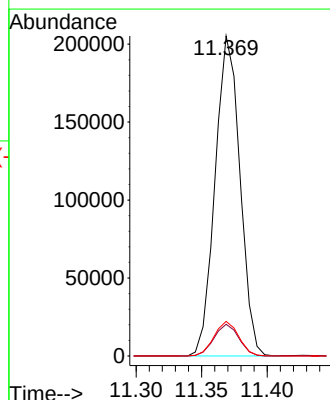
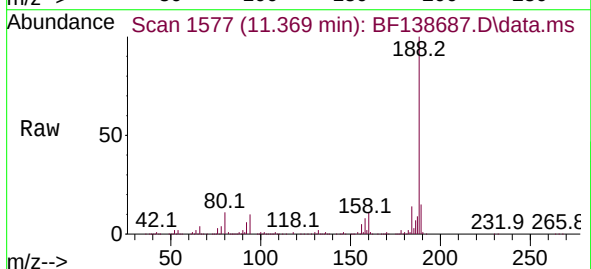
Tgt Ion: 188 Resp: 270140

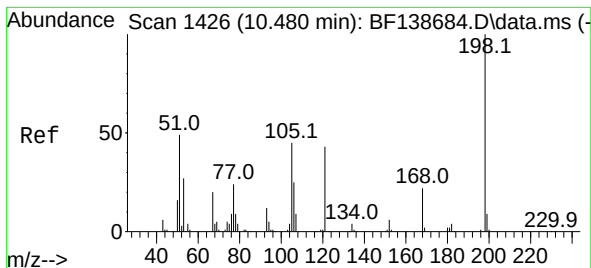
Ion Ratio Lower Upper

188 100

94 9.9 7.6 11.4

80 10.8 8.6 12.8

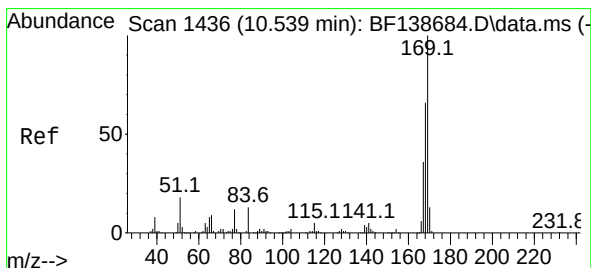
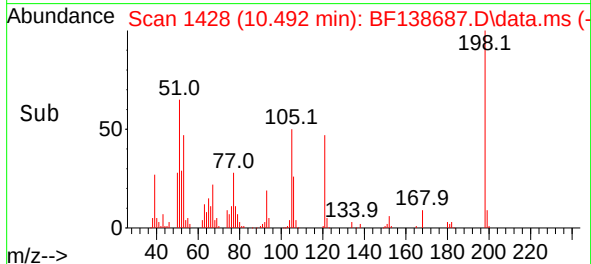
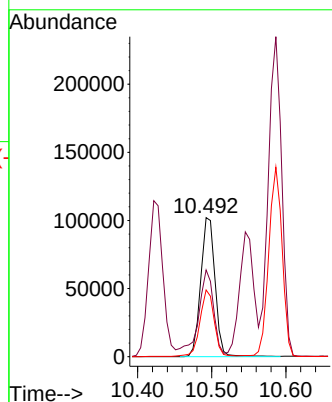
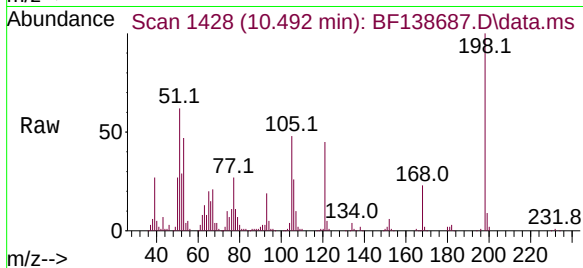




#65
4,6-Dinitro-2-methylphenol
Concen: 83.368 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

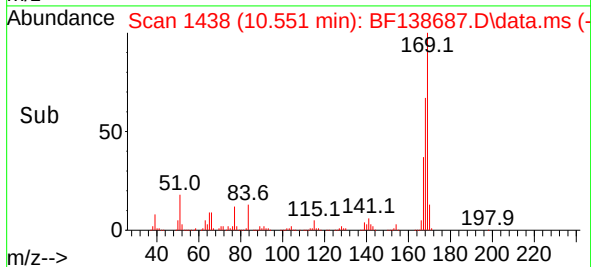
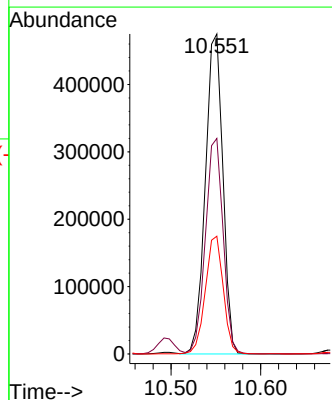
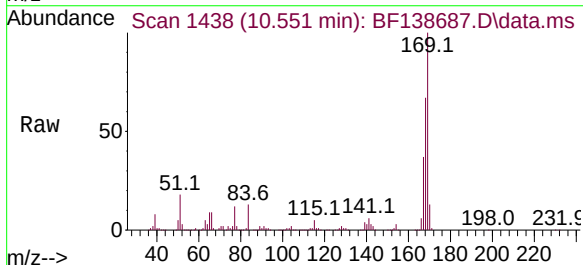
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

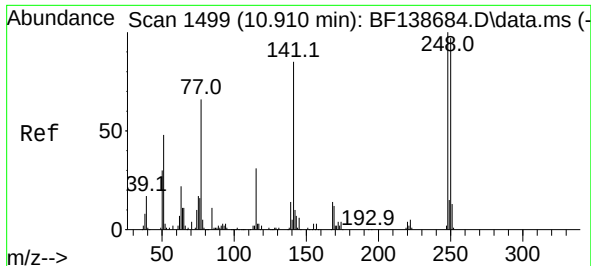
Tgt Ion:198 Resp: 137397
Ion Ratio Lower Upper
198 100
51 62.4 39.9 79.9
105 48.0 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 76.022 ng
RT: 10.551 min Scan# 1438
Delta R.T. 0.012 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

Tgt Ion:169 Resp: 641930
Ion Ratio Lower Upper
169 100
168 67.3 53.0 79.6
167 36.8 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 77.318 ng

RT: 10.916 min Scan# 1499

Delta R.T. 0.006 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

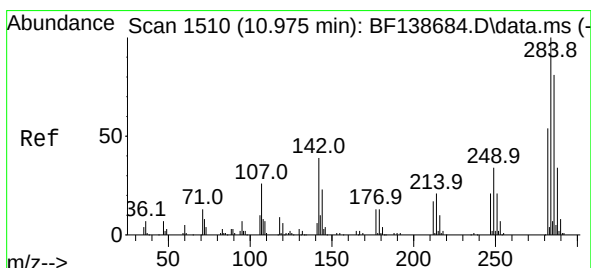
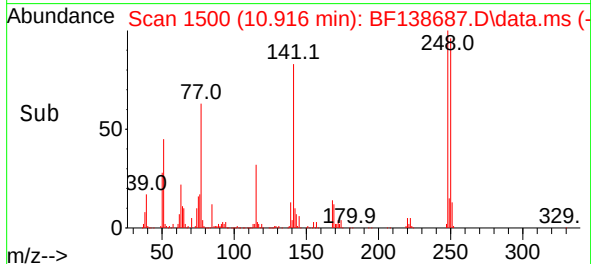
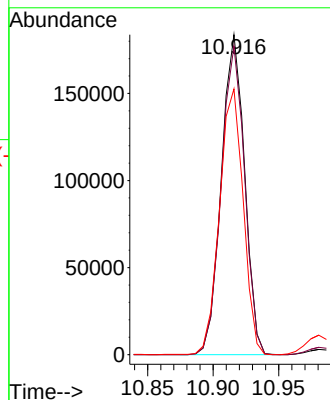
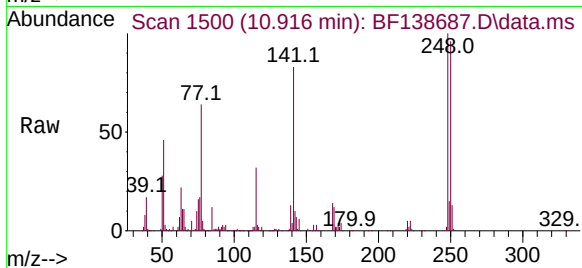
Tgt Ion:248 Resp: 226137

Ion Ratio Lower Upper

248 100

250 96.4 77.7 116.5

141 83.0 68.0 102.0



#68

Hexachlorobenzene

Concen: 77.158 ng

RT: 10.980 min Scan# 1511

Delta R.T. 0.006 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

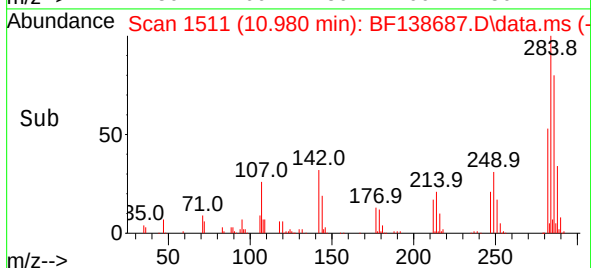
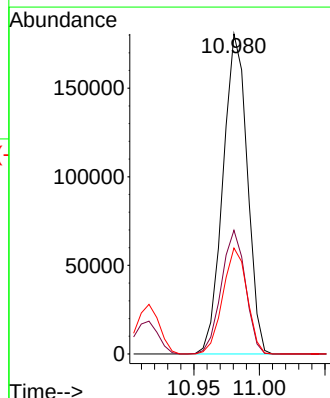
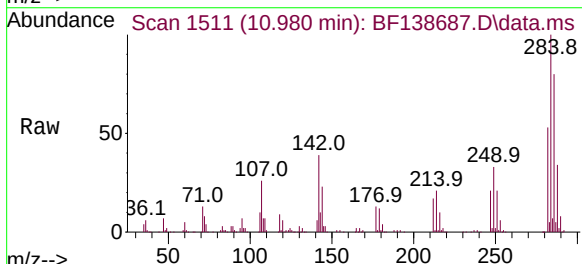
Tgt Ion:284 Resp: 233005

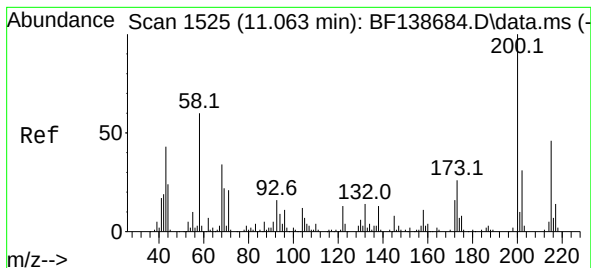
Ion Ratio Lower Upper

284 100

142 38.7 31.3 46.9

249 33.1 27.2 40.8





#69

Atrazine

Concen: 70.122 ng

RT: 11.075 min Scan# 1527

Delta R.T. 0.012 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

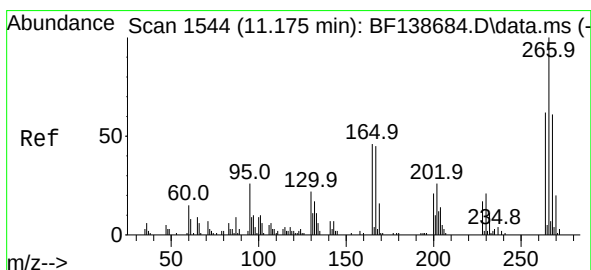
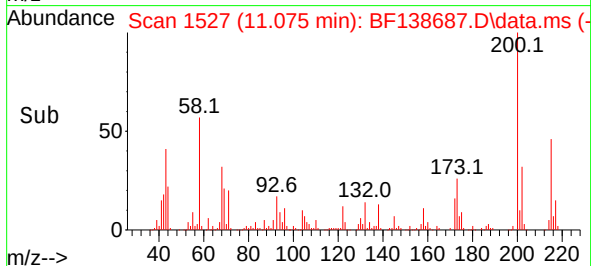
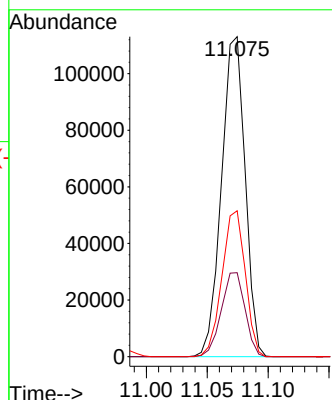
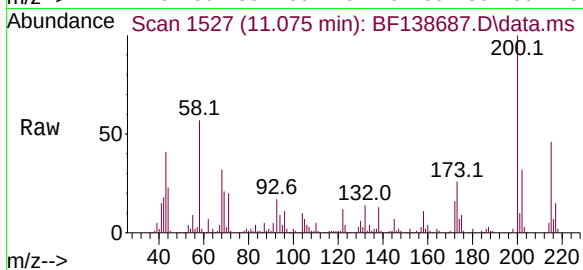
Tgt Ion:200 Resp: 152765

Ion Ratio Lower Upper

200 100

173 26.2 6.0 46.0

215 45.6 26.1 66.1



#70

Pentachlorophenol

Concen: 88.455 ng

RT: 11.180 min Scan# 1545

Delta R.T. 0.005 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

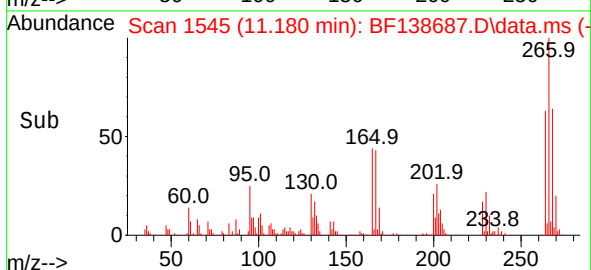
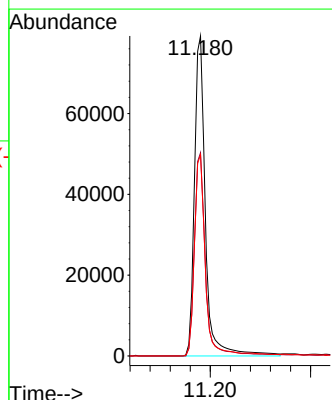
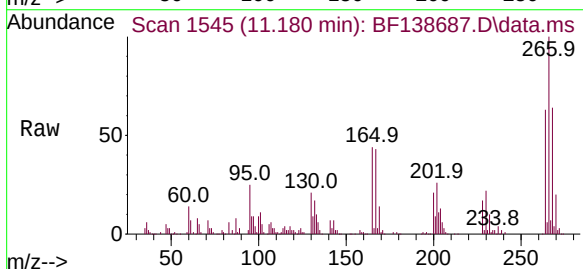
Tgt Ion:266 Resp: 120403

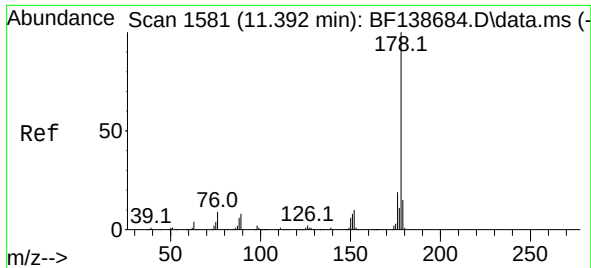
Ion Ratio Lower Upper

266 100

268 63.5 49.2 73.8

264 63.0 49.8 74.6

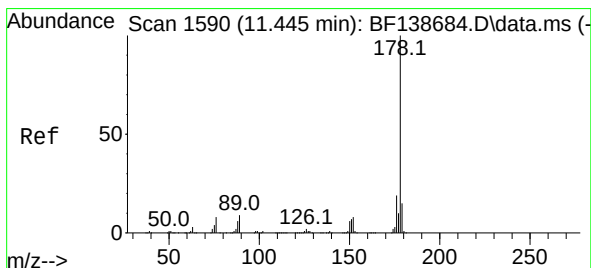
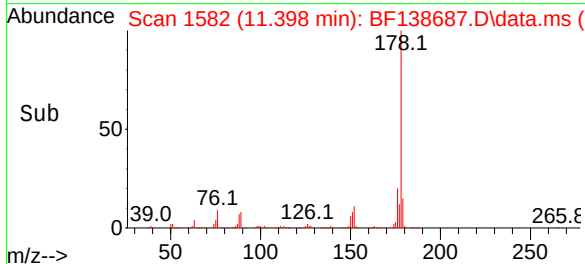
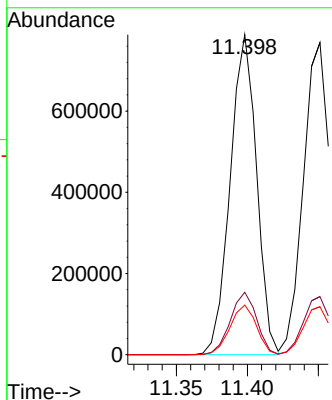
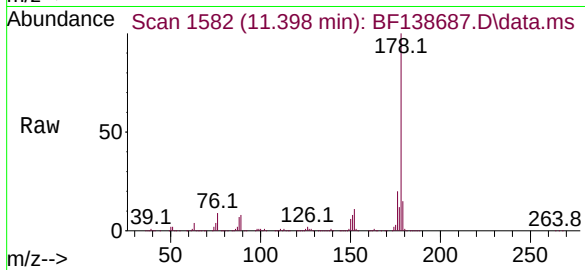




#71
Phenanthrene
Concen: 73.341 ng
RT: 11.398 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

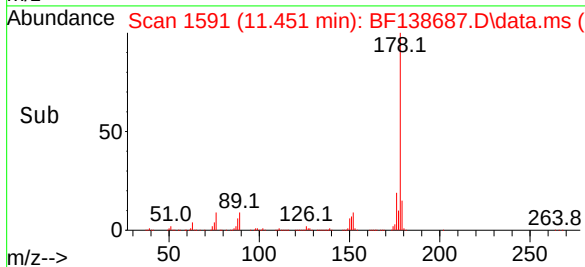
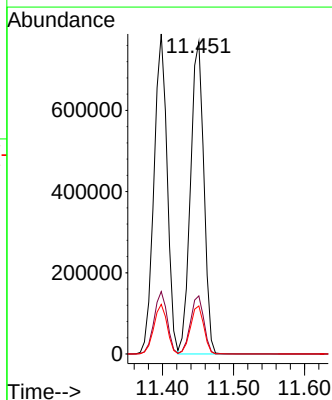
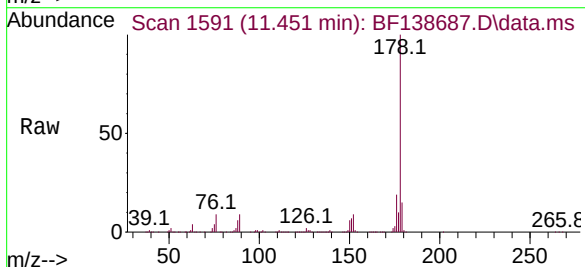
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

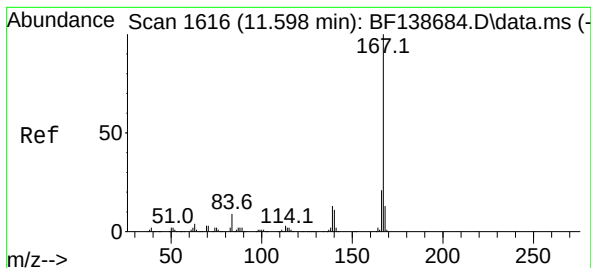
Tgt Ion:178 Resp: 1020185
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.5 12.2 18.2



#72
Anthracene
Concen: 73.356 ng
RT: 11.451 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

Tgt Ion:178 Resp: 1005219
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.4 12.4 18.6





#73

Carbazole

Concen: 70.750 ng

RT: 11.604 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

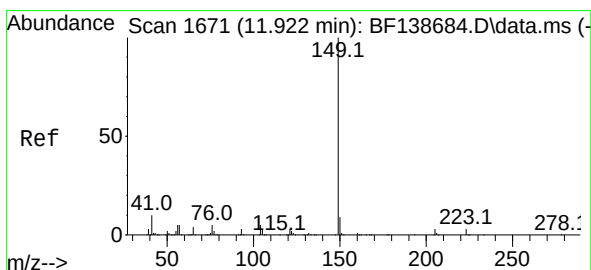
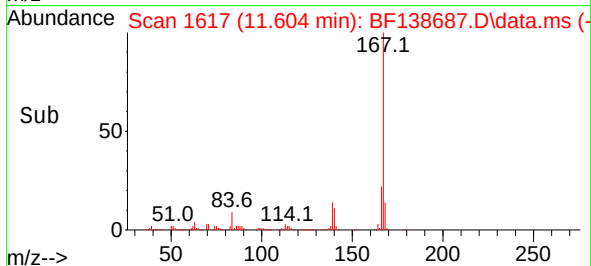
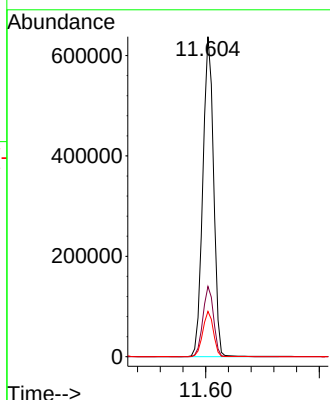
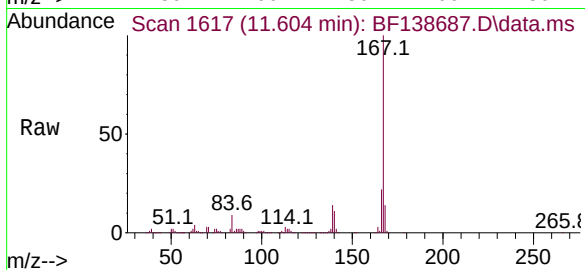
Tgt Ion:167 Resp: 836447

Ion Ratio Lower Upper

167 100

166 22.0 17.2 25.8

139 14.1 10.6 16.0



#74

Di-n-butylphthalate

Concen: 76.505 ng

RT: 11.927 min Scan# 1672

Delta R.T. 0.006 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

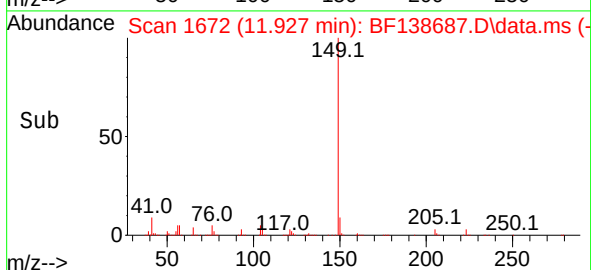
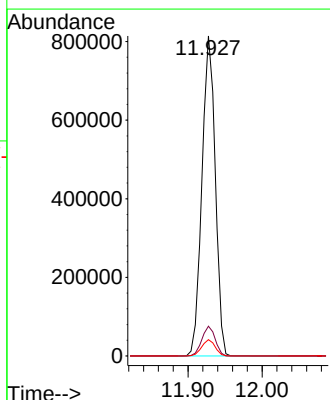
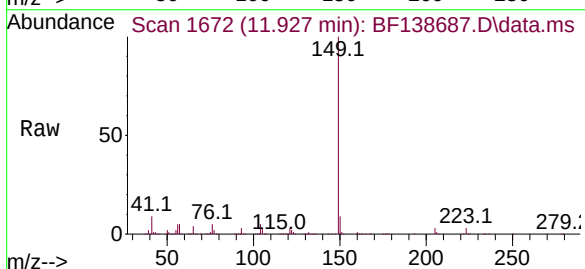
Tgt Ion:149 Resp: 1016790

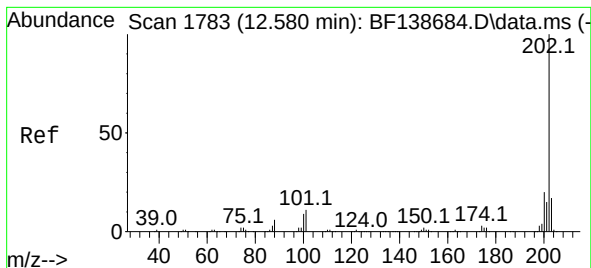
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 68.843 ng

RT: 12.586 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

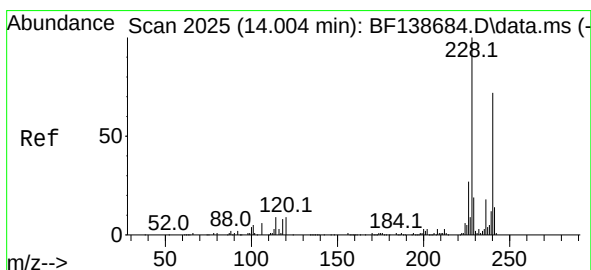
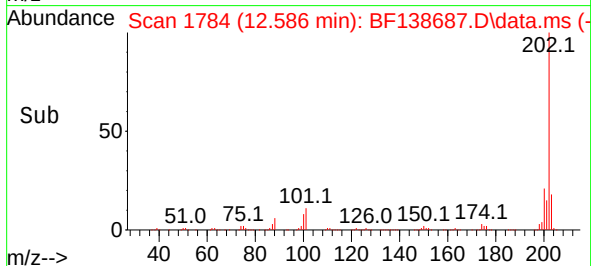
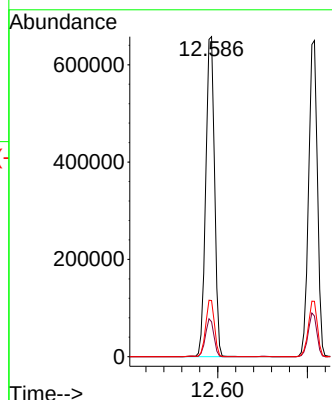
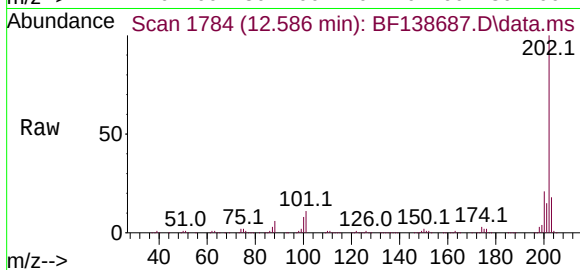
Tgt Ion:202 Resp: 893988

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.2

203 17.6 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

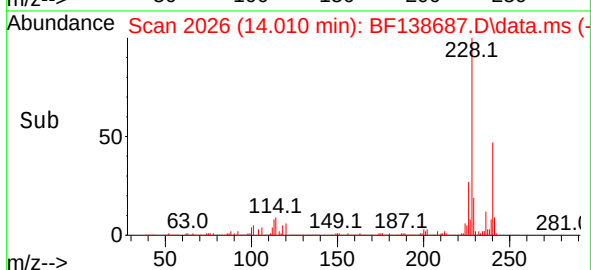
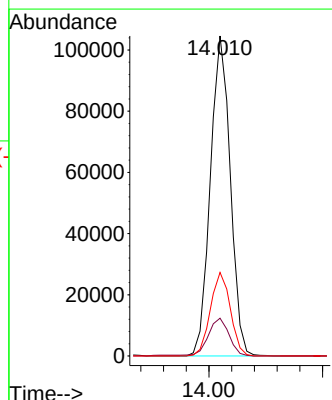
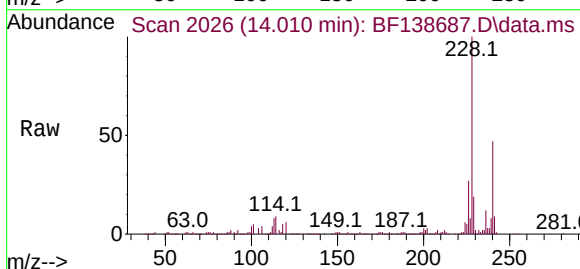
Tgt Ion:240 Resp: 127279

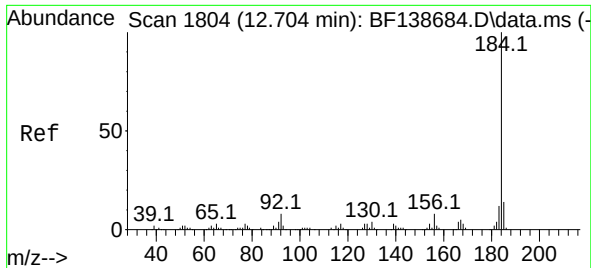
Ion Ratio Lower Upper

240 100

120 11.8 10.2 15.4

236 26.1 19.8 29.8

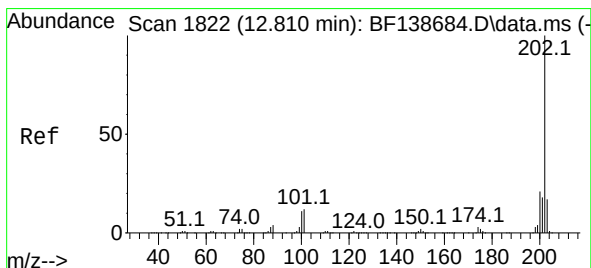
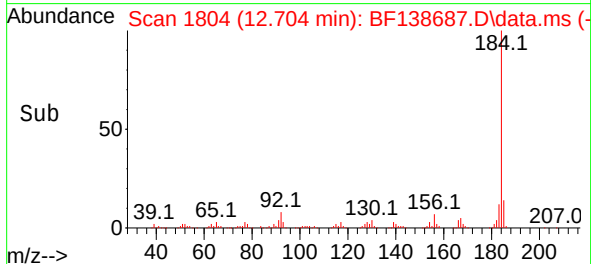
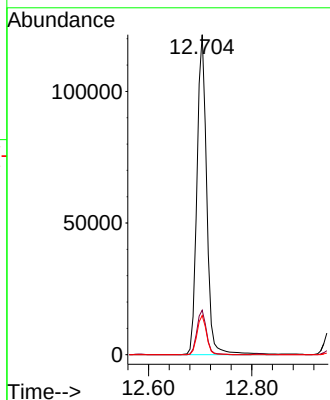
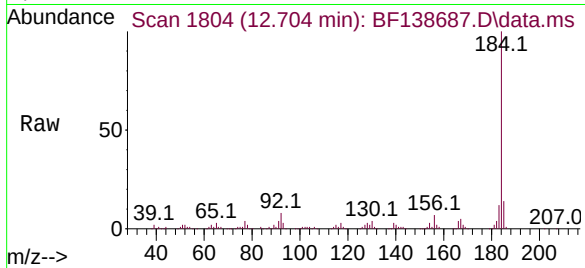




#77
Benzidine
Concen: 52.279 ng
RT: 12.704 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

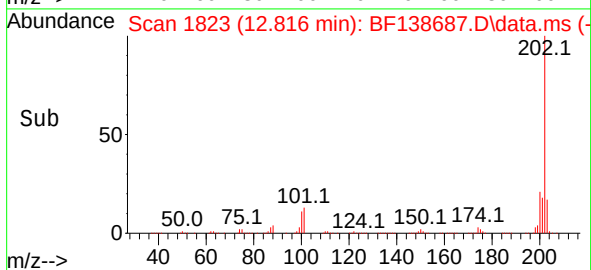
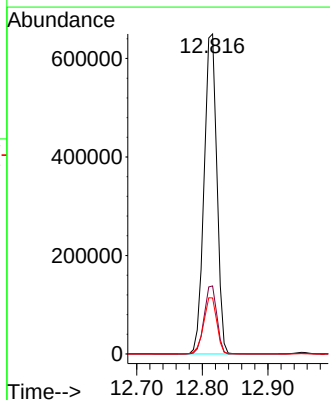
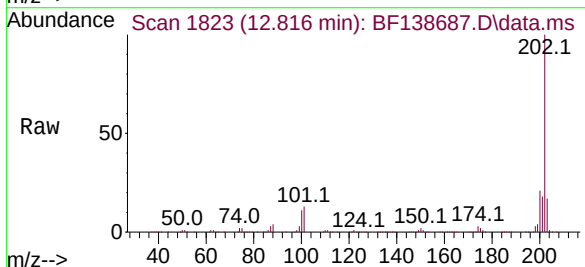
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

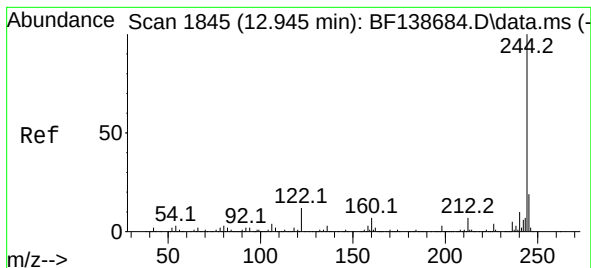
Tgt Ion:184 Resp: 159154
Ion Ratio Lower Upper
184 100
185 13.9 11.1 16.7
183 12.3 9.6 14.4



#78
Pyrene
Concen: 73.618 ng
RT: 12.816 min Scan# 1823
Delta R.T. 0.006 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

Tgt Ion:202 Resp: 882216
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.5 13.8 20.6





#79

Terphenyl-d14

Concen: 145.087 ng

RT: 12.951 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

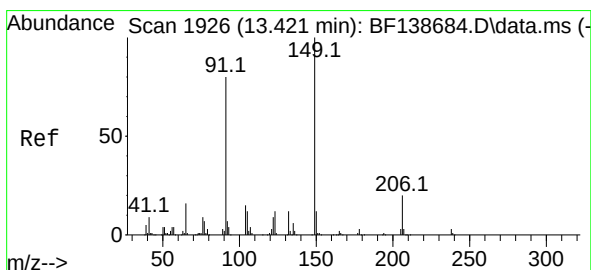
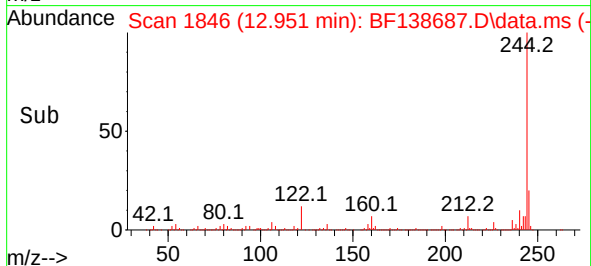
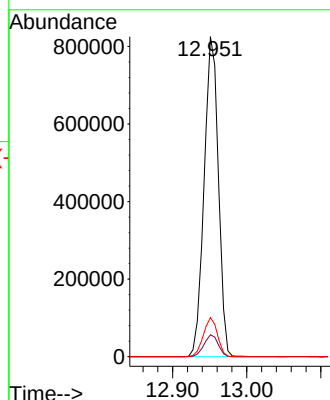
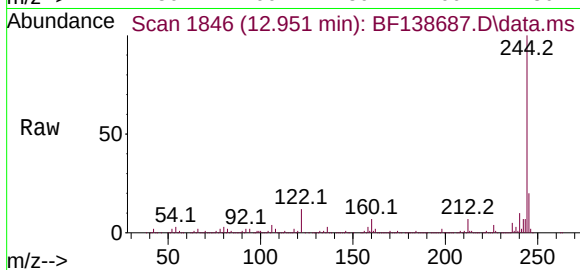
Tgt Ion:244 Resp: 1102959

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 12.2 9.6 14.4



#80

Butylbenzylphthalate

Concen: 79.340 ng

RT: 13.427 min Scan# 1927

Delta R.T. 0.006 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

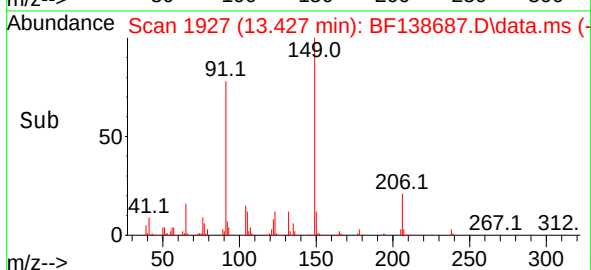
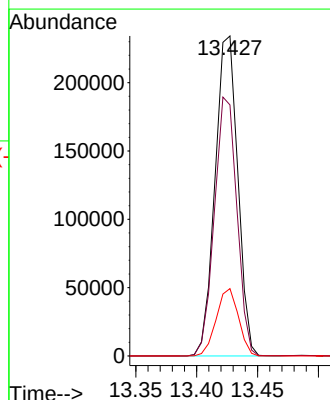
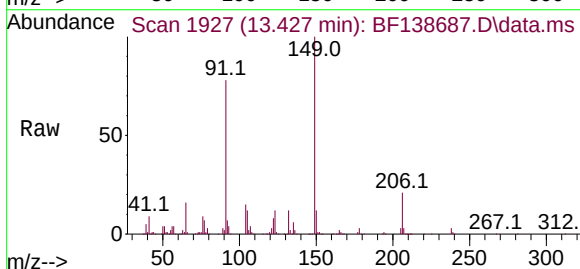
Tgt Ion:149 Resp: 304470

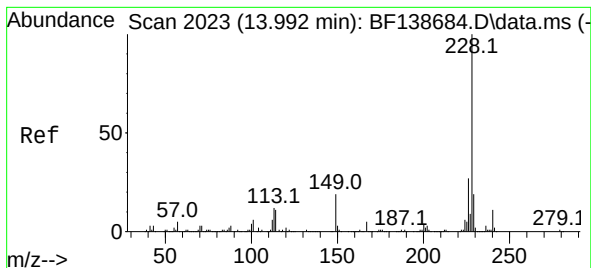
Ion Ratio Lower Upper

149 100

91 78.4 63.7 95.5

206 21.1 16.2 24.2

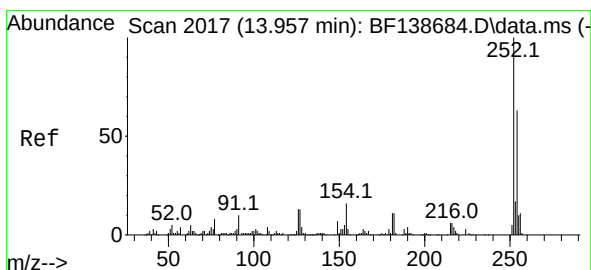
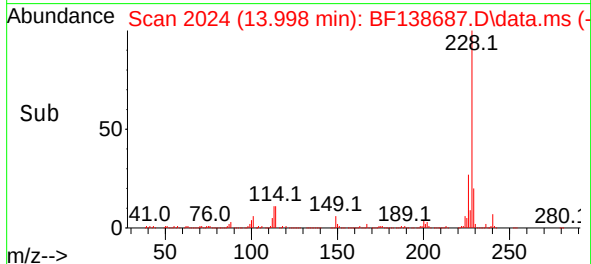
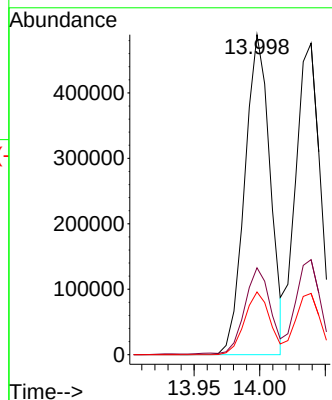
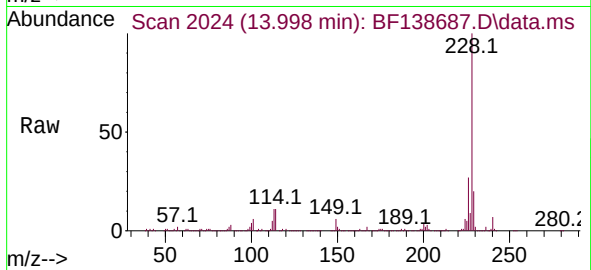




#81
Benzo(a)anthracene
Concen: 75.198 ng
RT: 13.998 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

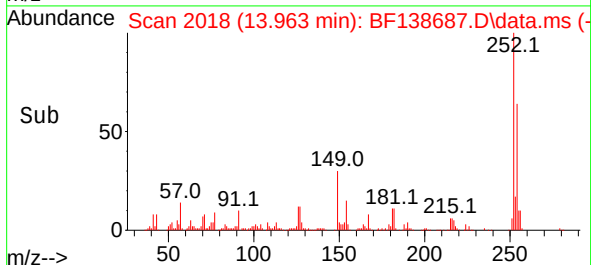
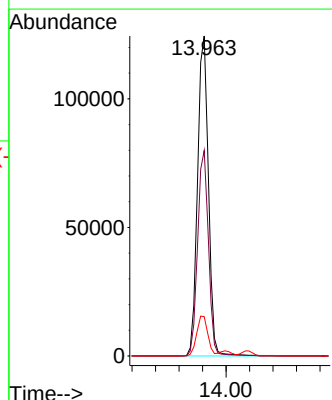
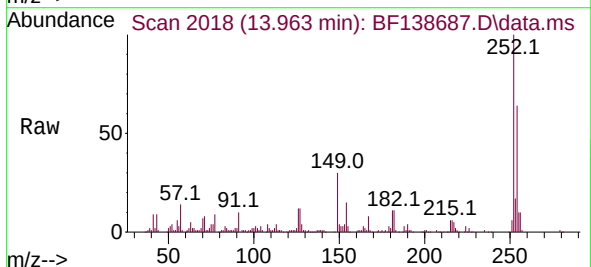
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

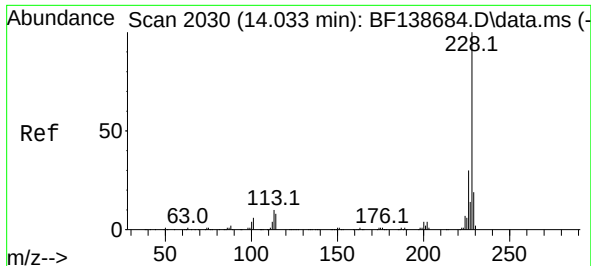
Tgt Ion:228 Resp: 659091
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.6 15.4 23.0



#82
3,3'-Dichlorobenzidine
Concen: 71.192 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF138687.D
Acq: 30 Jul 2024 16:29

Tgt Ion:252 Resp: 159678
Ion Ratio Lower Upper
252 100
254 64.2 50.8 76.2
126 12.3 10.2 15.2





#83

Chrysene

Concen: 78.129 ng

RT: 14.039 min Scan# 2030

Delta R.T. 0.006 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

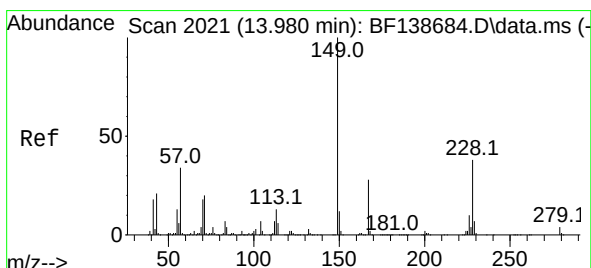
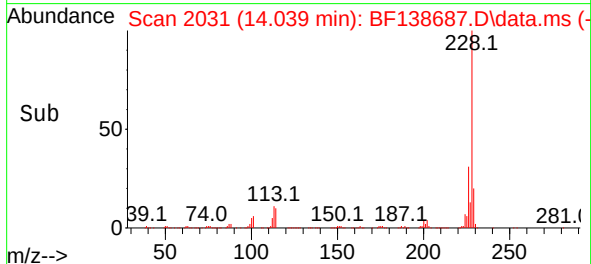
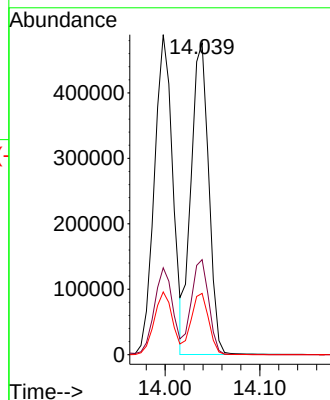
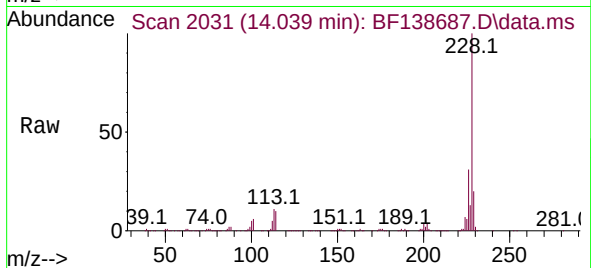
Tgt Ion:228 Resp: 617804

Ion Ratio Lower Upper

228 100

226 30.5 23.7 35.5

229 19.7 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 78.423 ng

RT: 13.980 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

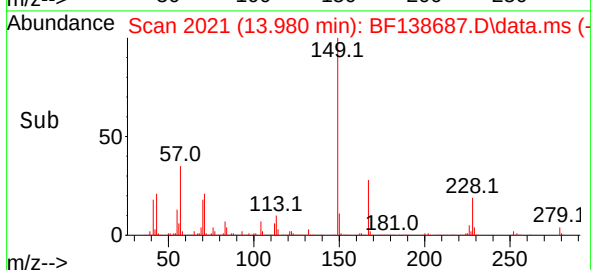
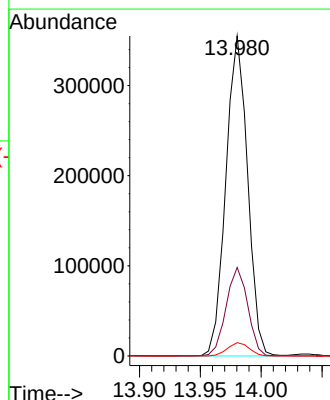
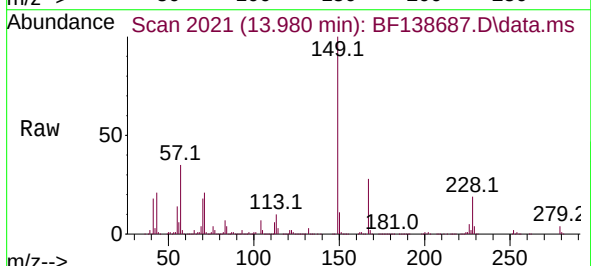
Tgt Ion:149 Resp: 440693

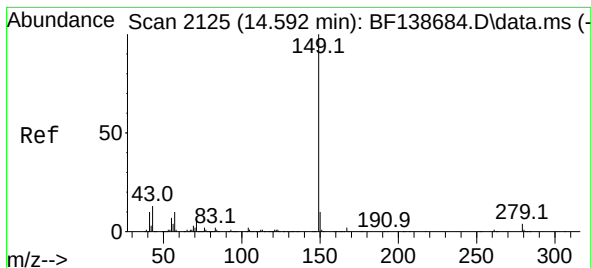
Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.4

279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 78.597 ng

RT: 14.592 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

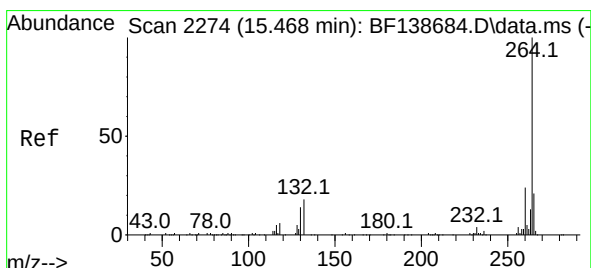
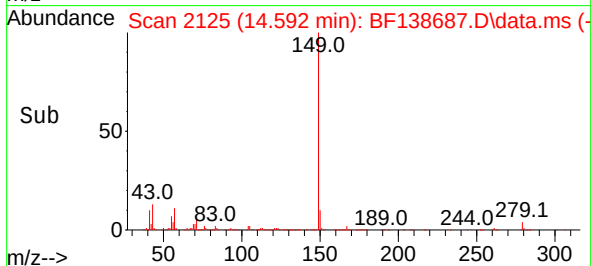
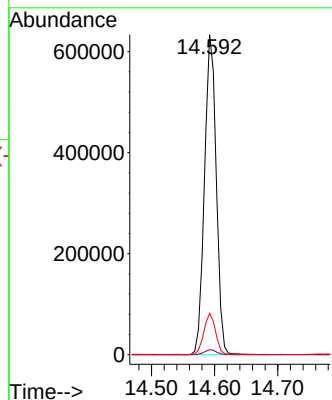
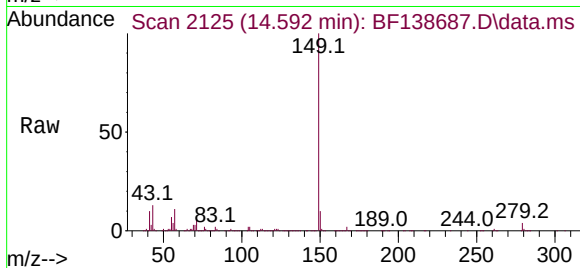
Tgt Ion:149 Resp: 817161

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 12.8 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: BF138687.D

Acq: 30 Jul 2024 16:29

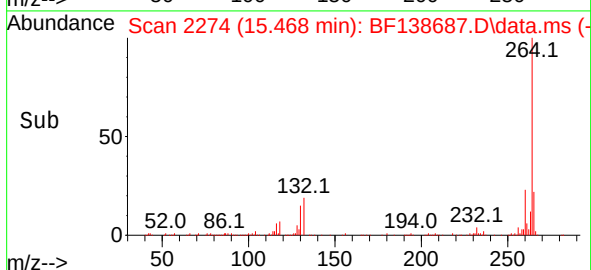
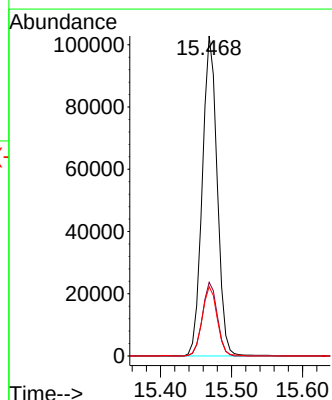
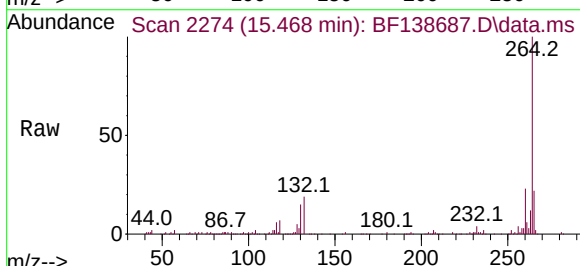
Tgt Ion:264 Resp: 150274

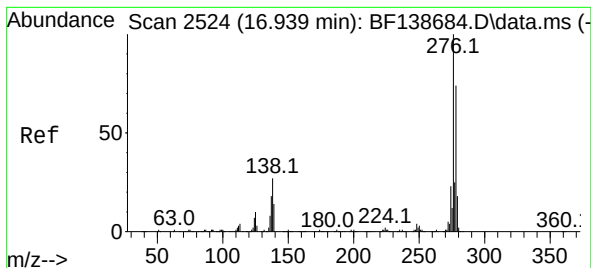
Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 21.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 76.833 ng

RT: 16.951 min Scan# 2526

Delta R.T. 0.012 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

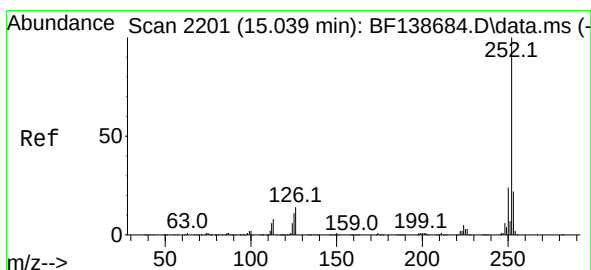
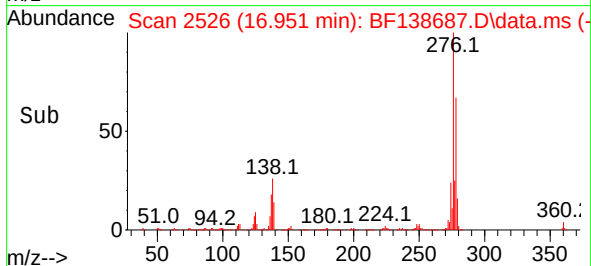
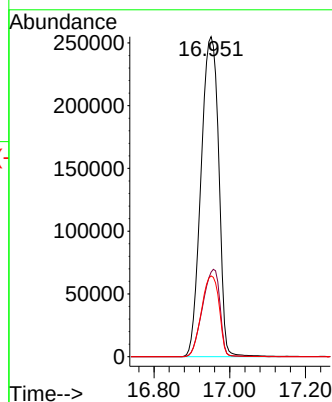
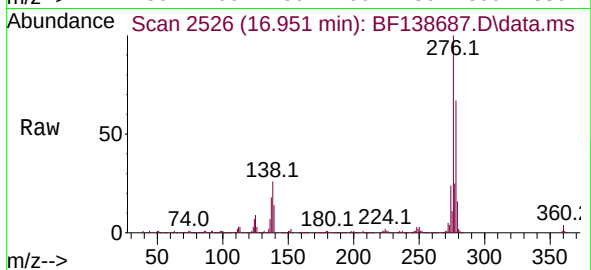
Tgt Ion:276 Resp: 827423

Ion Ratio Lower Upper

276 100

138 26.8 21.8 32.8

277 25.3 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 77.422 ng

RT: 15.045 min Scan# 2202

Delta R.T. 0.006 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

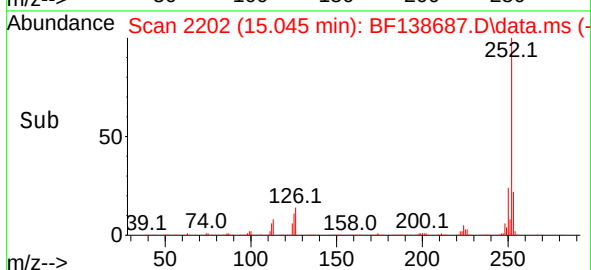
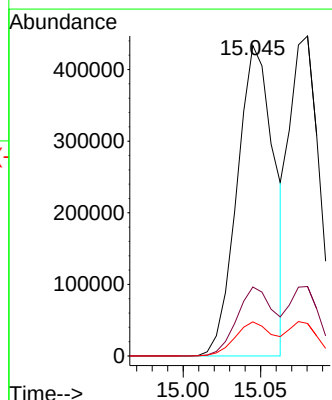
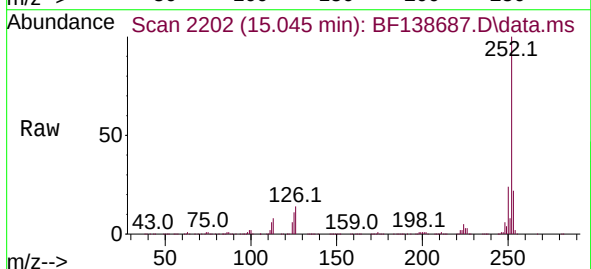
Tgt Ion:252 Resp: 721224

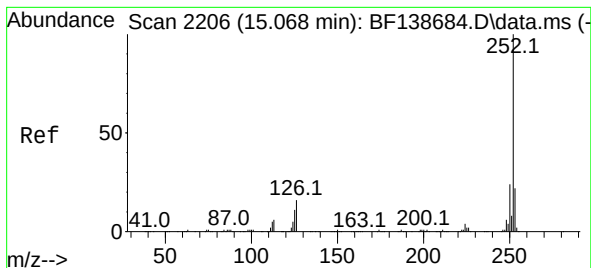
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 11.0 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 73.959 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.012 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

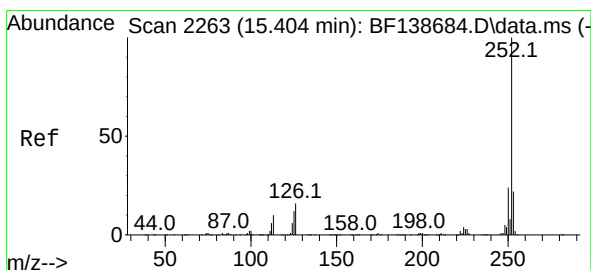
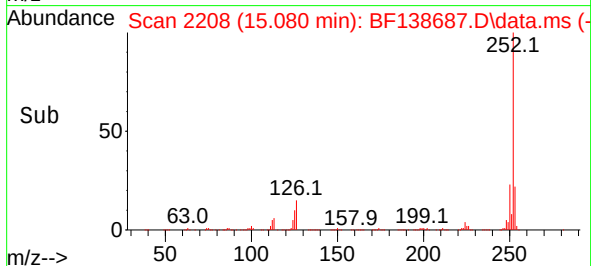
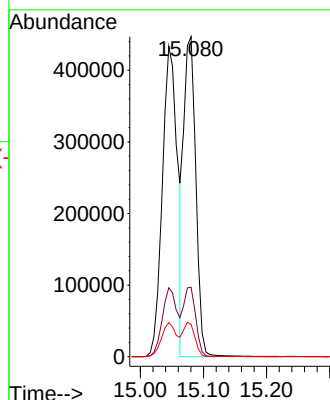
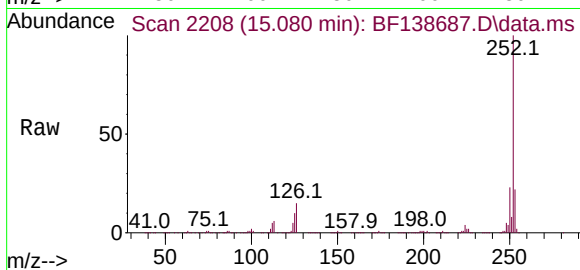
Tgt Ion:252 Resp: 596517

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 10.1 8.6 13.0



#90

Benzo(a)pyrene

Concen: 77.779 ng

RT: 15.416 min Scan# 2265

Delta R.T. 0.012 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

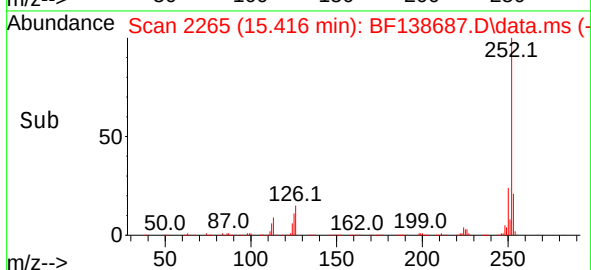
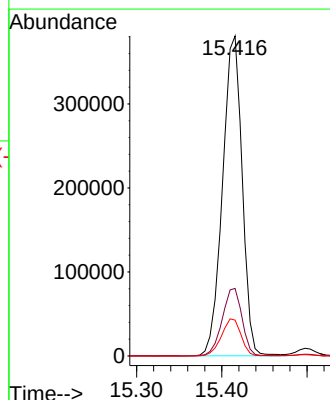
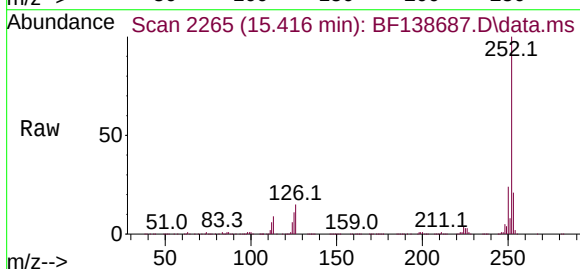
Tgt Ion:252 Resp: 609452

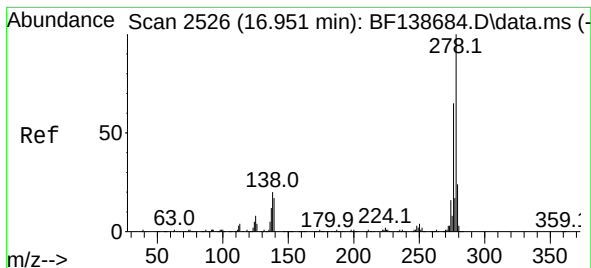
Ion Ratio Lower Upper

252 100

253 21.1 17.3 25.9

125 11.2 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 75.184 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

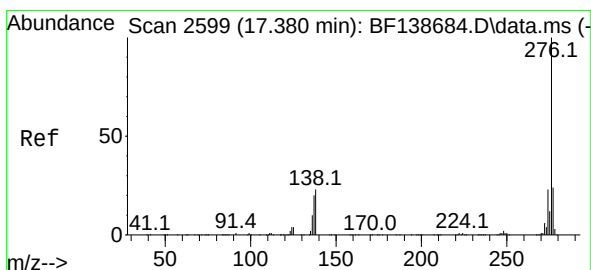
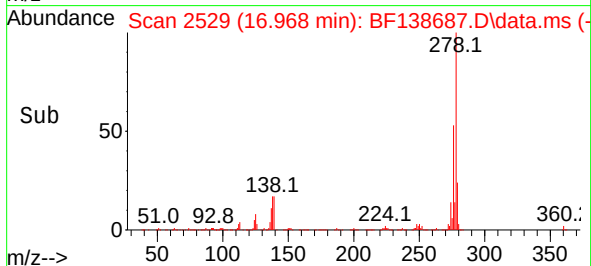
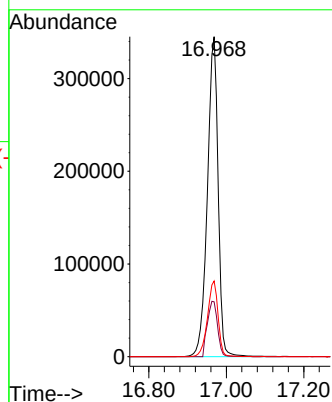
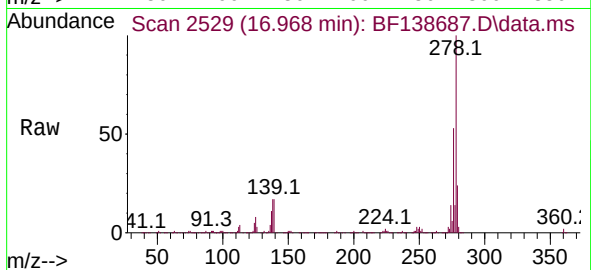
Tgt Ion:278 Resp: 664634

Ion Ratio Lower Upper

278 100

139 17.1 14.0 21.0

279 23.7 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 76.589 ng

RT: 17.398 min Scan# 2602

Delta R.T. 0.018 min

Lab File: BF138687.D

Acq: 30 Jul 2024 16:29

Tgt Ion:276 Resp: 702583

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 23.5 18.5 27.7

