

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139848.D
 Acq On : 18 Oct 2024 12:20
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Oct 18 14:18:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 14:11:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	181899	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	688880	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	379753	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	663459	20.000	ng	0.00
76) Chrysene-d12	14.051	240	345800	20.000	ng	0.00
86) Perylene-d12	15.527	264	365076	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	929569	80.002	ng	0.00
7) Phenol-d6	6.510	99	1197998	79.607	ng	0.00
23) Nitrobenzene-d5	7.451	82	1021808	82.209	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	285205	80.292	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1764495	76.791	ng	0.00
79) Terphenyl-d14	12.998	244	1721125	81.103	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	214958	39.679	ng	100
3) Pyridine	3.446	79	547145	40.746	ng	100
4) n-Nitrosodimethylamine	3.398	42	293138	40.631	ng	100
6) Aniline	6.551	93	575402	41.026	ng	100
8) 2-Chlorophenol	6.675	128	476614	40.124	ng	100
9) Benzaldehyde	6.439	77	341959	40.393	ng	100
10) Phenol	6.522	94	650577	41.191	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	470765	39.258	ng	100
12) 1,3-Dichlorobenzene	6.834	146	545252	39.988	ng	100
13) 1,4-Dichlorobenzene	6.910	146	541068	39.718	ng	100
14) 1,2-Dichlorobenzene	7.063	146	501857	39.473	ng	100
15) Benzyl Alcohol	7.028	79	441461	39.991	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	820216	40.113	ng	100
17) 2-Methylphenol	7.133	107	405109	39.996	ng	100
18) Hexachloroethane	7.404	117	196637	40.478	ng	100
19) n-Nitroso-di-n-propyla...	7.304	70	354454	38.835	ng	100
20) 3+4-Methylphenols	7.286	107	515857	39.818	ng	100
22) Acetophenone	7.298	105	663304	39.312	ng	100
24) Nitrobenzene	7.475	77	555115	40.735	ng	100
25) Isophorone	7.710	82	935400	39.651	ng	100
26) 2-Nitrophenol	7.786	139	216916	42.193	ng	100
27) 2,4-Dimethylphenol	7.816	122	341985	39.894	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	567188	39.683	ng	100
29) 2,4-Dichlorophenol	8.022	162	390330	39.976	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	434274	40.195	ng	100
31) Naphthalene	8.198	128	1409796	39.681	ng	100
32) Benzoic acid	7.922	122	302443	40.451	ng	100
33) 4-Chloroaniline	8.239	127	483982	39.950	ng	100
34) Hexachlorobutadiene	8.316	225	271315	39.967	ng	100
35) Caprolactam	8.610	113	126585	40.772	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	433727	40.116	ng	100
37) 2-Methylnaphthalene	8.886	142	856111	39.345	ng	100
38) 1-Methylnaphthalene	8.986	142	842638	39.471	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	407511	39.776	ng	100
41) Hexachlorocyclopentadiene	9.039	237	150540	42.229	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	293577	40.474	ng	100

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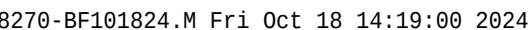
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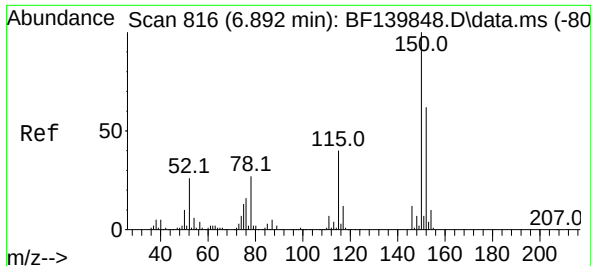
Quant Time: Oct 18 14:18:47 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	304213	40.651	ng	100
46) 1,1'-Biphenyl	9.351	154	1047094	39.608	ng	100
47) 2-Chloronaphthalene	9.375	162	843452	39.613	ng	100
48) 2-Nitroaniline	9.463	65	277165	42.562	ng	100
49) Acenaphthylene	9.792	152	1226273	39.837	ng	100
50) Dimethylphthalate	9.651	163	939670	39.726	ng	100
51) 2,6-Dinitrotoluene	9.710	165	212956	41.580	ng	100
52) Acenaphthene	9.963	154	792756	39.811	ng	100
53) 3-Nitroaniline	9.874	138	222098	42.051	ng	100
54) 2,4-Dinitrophenol	9.974	184	76948	39.739	ng	100
55) Dibenzofuran	10.133	168	1128670	39.505	ng	100
56) 4-Nitrophenol	10.022	139	175913	43.292	ng	100
57) 2,4-Dinitrotoluene	10.110	165	270604	42.965	ng	100
58) Fluorene	10.474	166	843048	38.742	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	235175	40.087	ng	100
60) Diethylphthalate	10.351	149	922384	39.715	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	432393	39.347	ng	100
62) 4-Nitroaniline	10.486	138	208926	41.884	ng	100
63) Azobenzene	10.627	77	991989	40.289	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	115824	42.799	ng	100
66) n-Nitrosodiphenylamine	10.586	169	789753	39.772	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	268509	39.285	ng	100
68) Hexachlorobenzene	11.021	284	306919	39.927	ng	100
69) Atrazine	11.110	200	232078	43.145	ng	100
70) Pentachlorophenol	11.210	266	201559	43.204	ng	100
71) Phenanthrene	11.439	178	1238155	39.508	ng	100
72) Anthracene	11.492	178	1211718	39.628	ng	100
73) Carbazole	11.639	167	1122566	39.475	ng	100
74) Di-n-butylphthalate	11.974	149	1345878	40.965	ng	100
75) Fluoranthene	12.627	202	1251202	39.493	ng	100
77) Benzidine	12.745	184	252893	44.967	ng	100
78) Pyrene	12.857	202	1248309	41.241	ng	100
80) Butylbenzylphthalate	13.474	149	383831	42.297	ng	100
81) Benzo(a)anthracene	14.039	228	920698	40.901	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	267769	40.798	ng	100
83) Chrysene	14.080	228	806950	39.098	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	432750	42.504	ng	100
85) Di-n-octyl phthalate	14.651	149	785179	42.399	ng	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	987345	42.039	ng	100
88) Benzo(b)fluoranthene	15.098	252	873168	39.263	ng	100
89) Benzo(k)fluoranthene	15.127	252	778470	40.589	ng	100
90) Benzo(a)pyrene	15.468	252	748507	40.905	ng	100
91) Dibenzo(a,h)anthracene	17.045	278	818044	41.752	ng	100
92) Benzo(g,h,i)perylene	17.480	276	823727	42.090	ng	100

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

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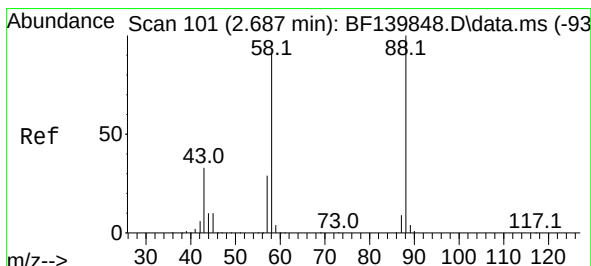
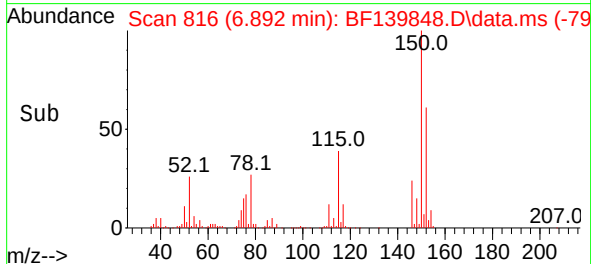
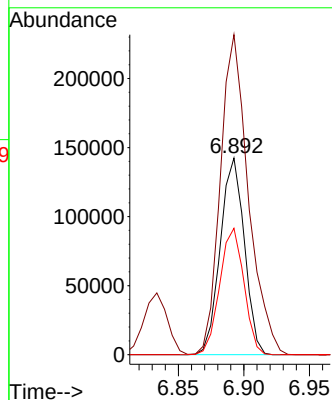
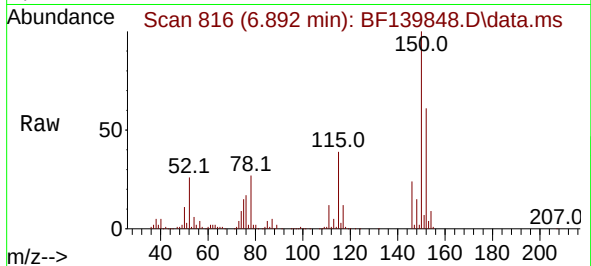




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

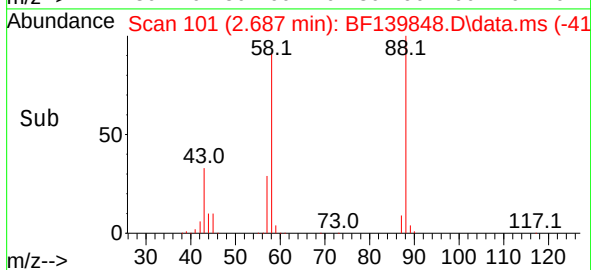
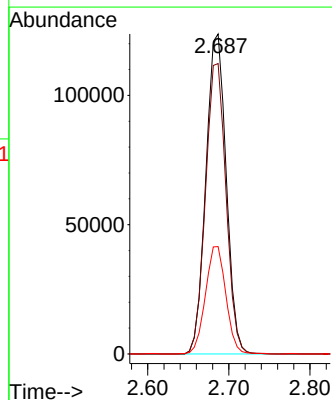
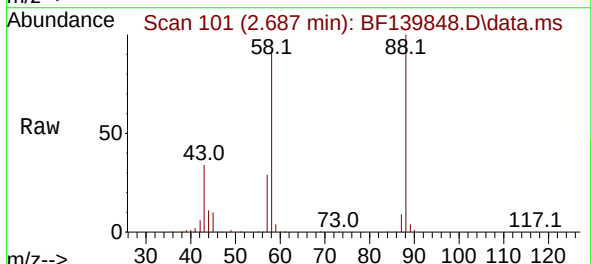
Instrument :
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SSTDICCC040

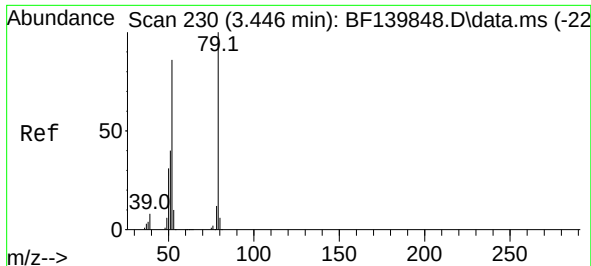
Tgt Ion:152 Resp: 181899
Ion Ratio Lower Upper
152 100
150 162.7 130.2 195.2
115 64.3 51.4 77.2



#2
1,4-Dioxane
Concen: 39.679 ng
RT: 2.687 min Scan# 101
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Tgt Ion: 88 Resp: 214958
Ion Ratio Lower Upper
88 100
58 91.6 73.3 109.9
43 33.9 27.1 40.7





#3

Pyridine

Concen: 40.746 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

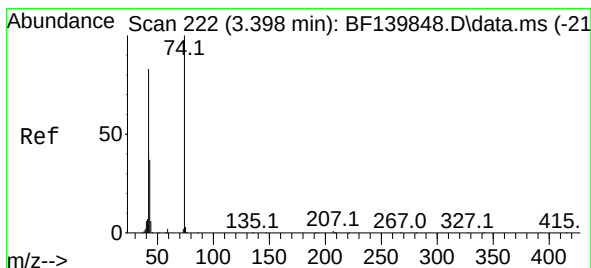
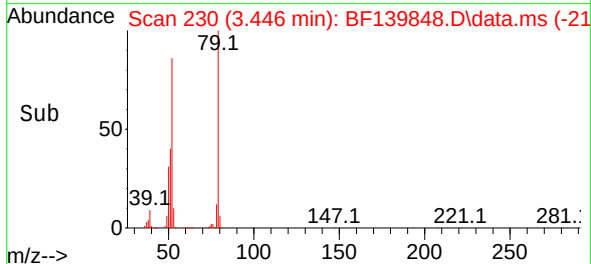
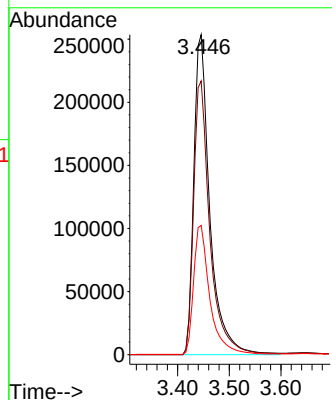
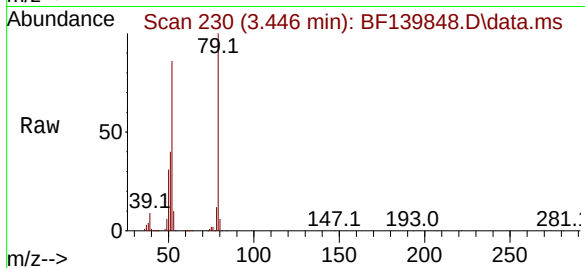
Tgt Ion: 79 Resp: 547145

Ion Ratio Lower Upper

79 100

52 85.6 68.5 102.7

51 40.4 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 40.631 ng

RT: 3.398 min Scan# 222

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

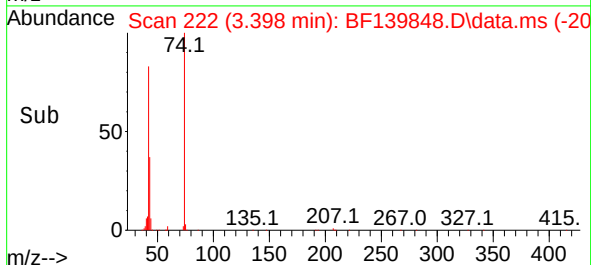
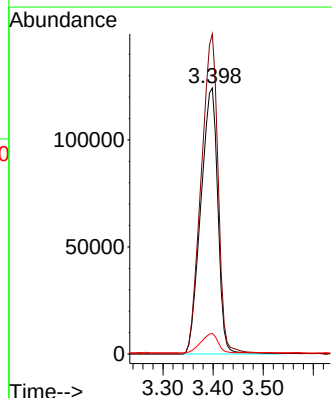
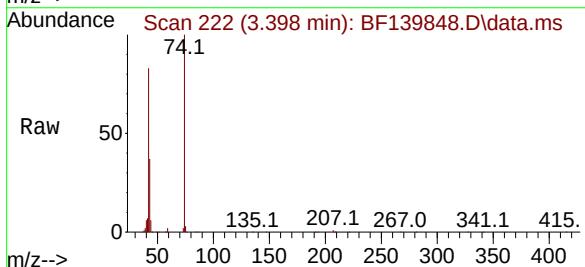
Tgt Ion: 42 Resp: 293138

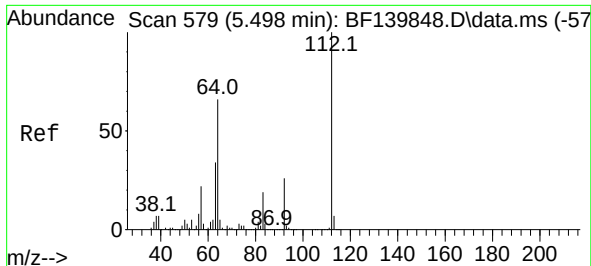
Ion Ratio Lower Upper

42 100

74 120.3 96.2 144.4

44 7.7 6.2 9.2

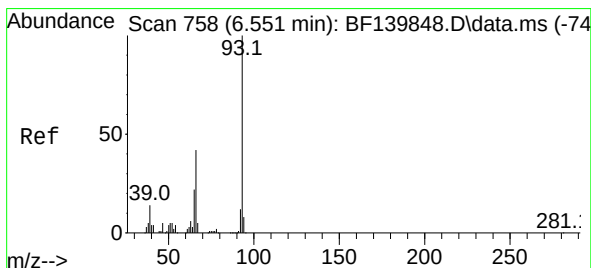
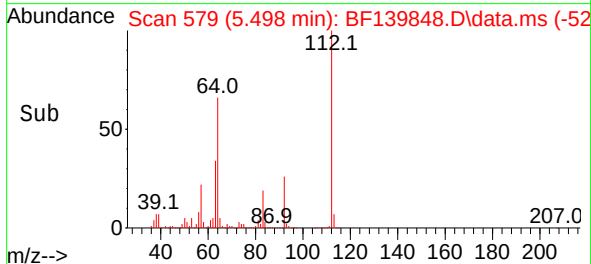
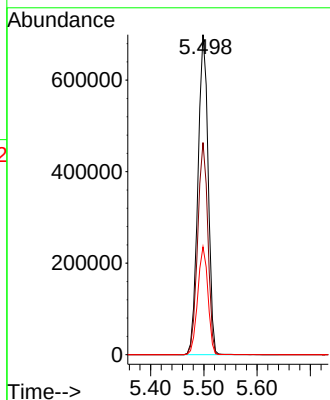
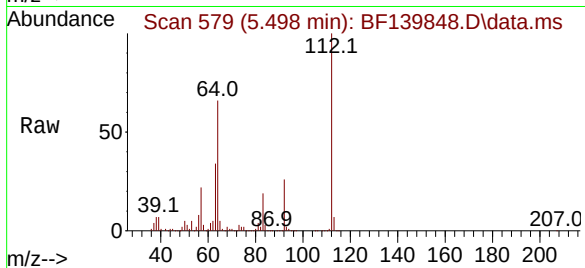




#5
2-Fluorophenol
Concen: 80.002 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

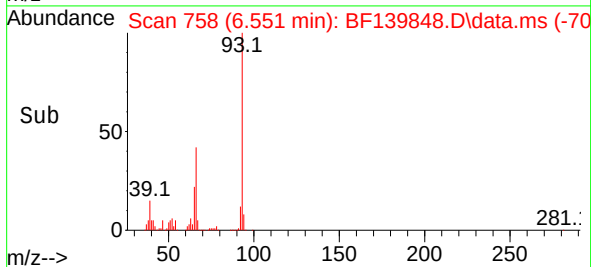
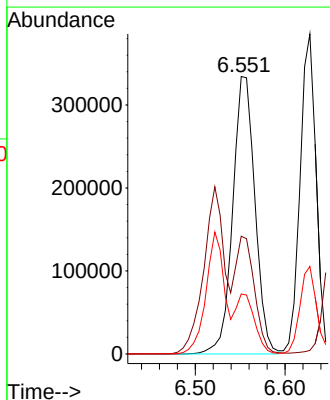
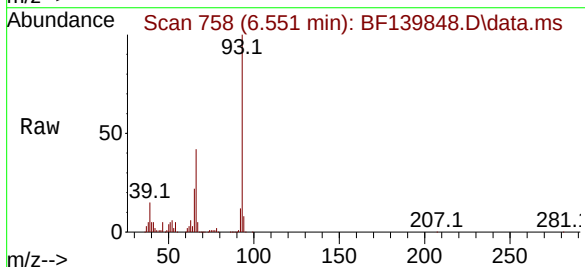
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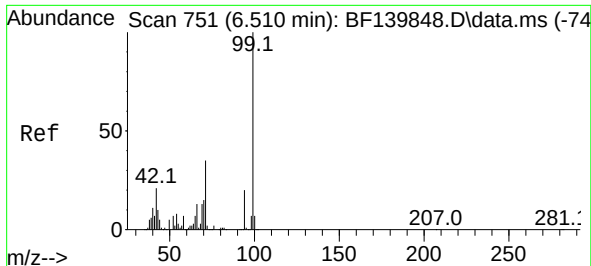
Tgt Ion:112 Resp: 929569
Ion Ratio Lower Upper
112 100
64 66.3 53.0 79.6
63 33.7 27.0 40.4



#6
Aniline
Concen: 41.026 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Tgt Ion: 93 Resp: 575402
Ion Ratio Lower Upper
93 100
66 42.5 34.0 51.0
65 21.7 17.4 26.0





#7

Phenol-d6

Concen: 79.607 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

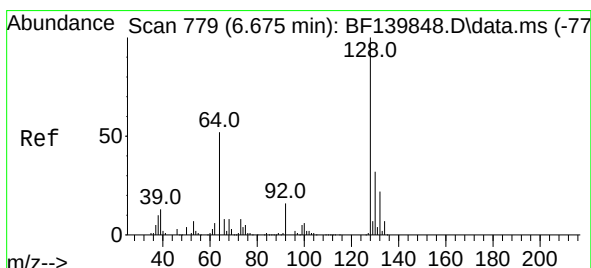
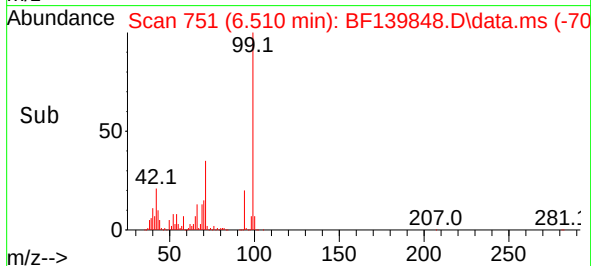
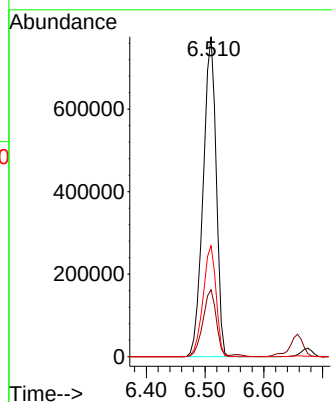
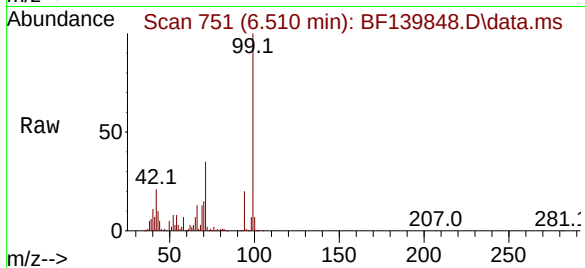
Tgt Ion: 99 Resp: 1197998

Ion Ratio Lower Upper

99 100

42 20.9 16.7 25.1

71 34.6 27.7 41.5



#8

2-Chlorophenol

Concen: 40.124 ng

RT: 6.675 min Scan# 779

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

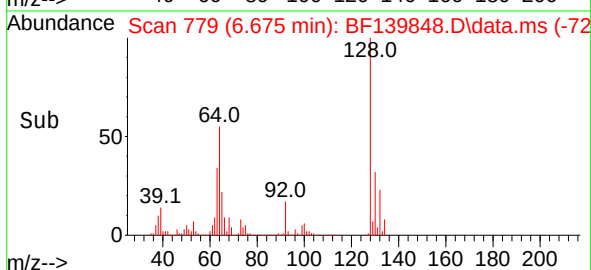
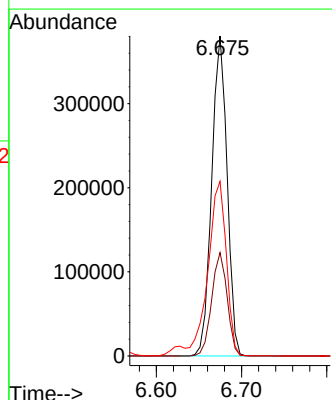
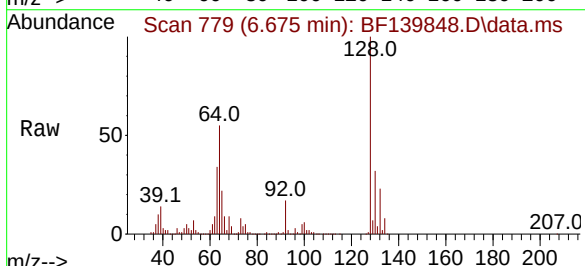
Tgt Ion: 128 Resp: 476614

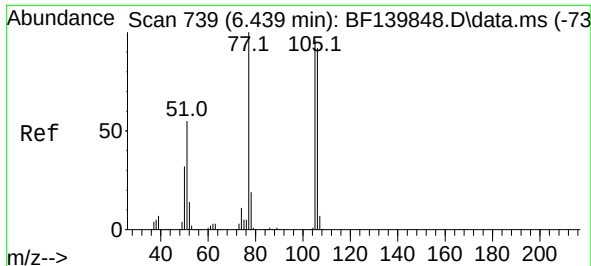
Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

64 54.6 34.6 74.6

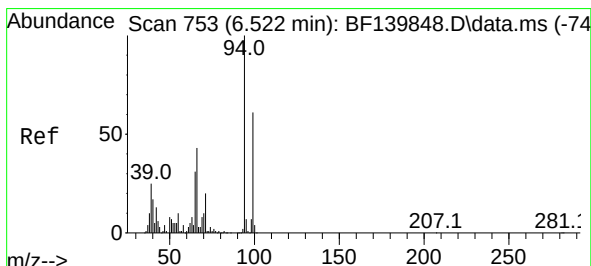
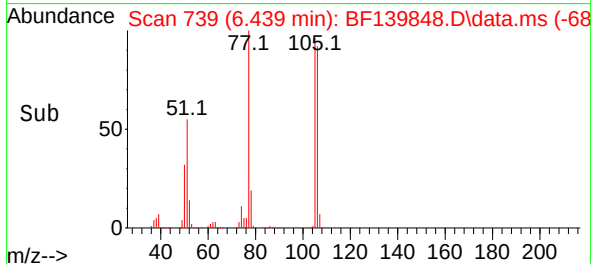
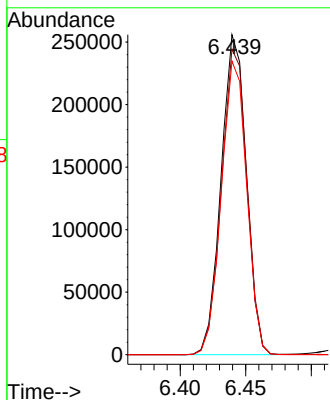
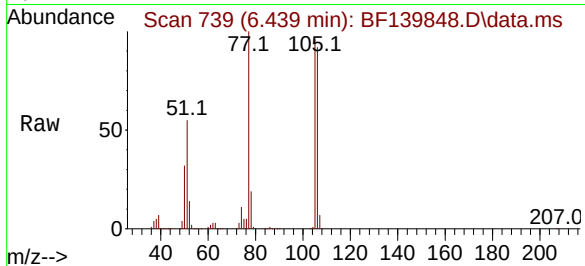




#9
Benzaldehyde
Concen: 40.393 ng
RT: 6.439 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

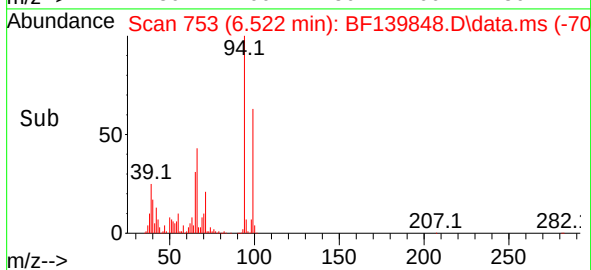
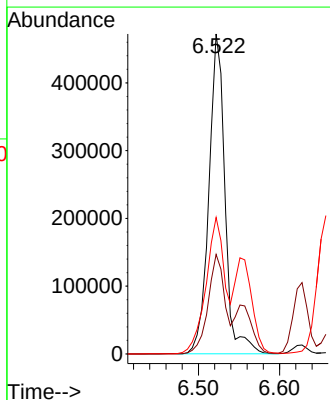
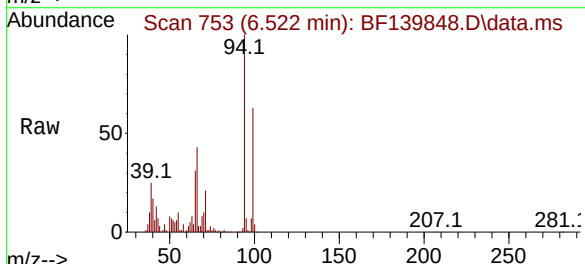
Instrument :
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SSTDICCC040

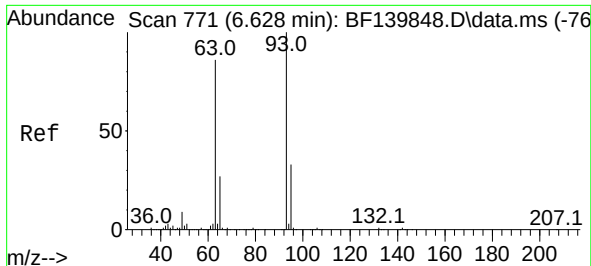
Tgt Ion: 77 Resp: 341959
Ion Ratio Lower Upper
77 100
105 95.5 75.5 115.5
106 91.7 71.7 111.7



#10
Phenol
Concen: 41.191 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Tgt Ion: 94 Resp: 650577
Ion Ratio Lower Upper
94 100
65 31.1 11.1 51.1
66 42.7 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 39.258 ng

RT: 6.628 min Scan# 771

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

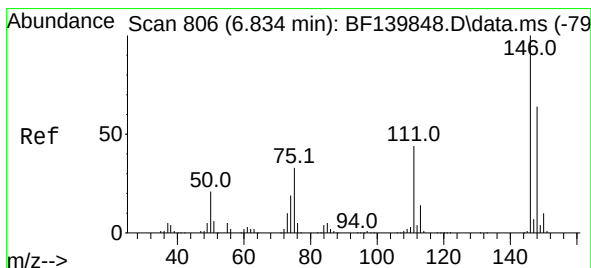
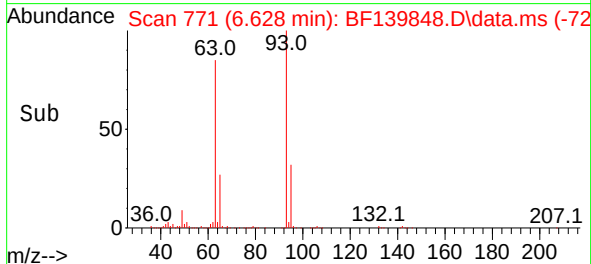
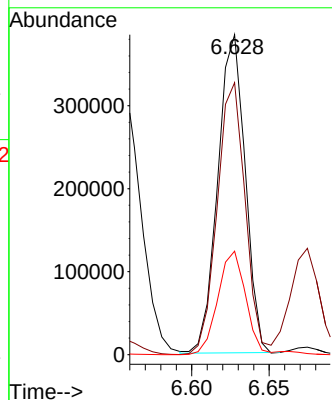
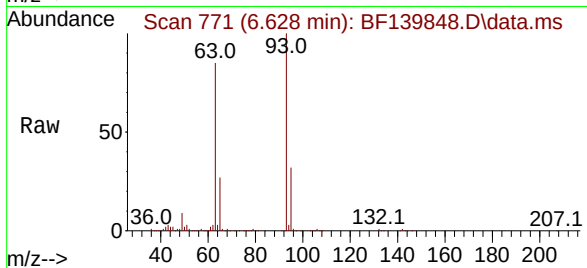
Tgt Ion: 93 Resp: 470765

Ion Ratio Lower Upper

93 100

63 85.0 65.0 105.0

95 32.4 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 39.988 ng

RT: 6.834 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

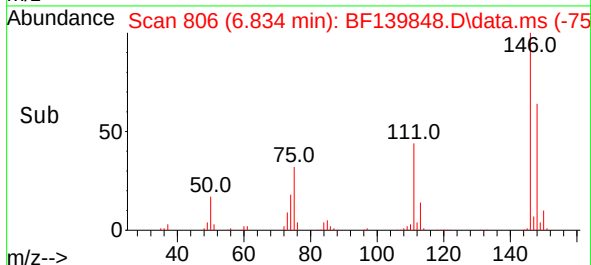
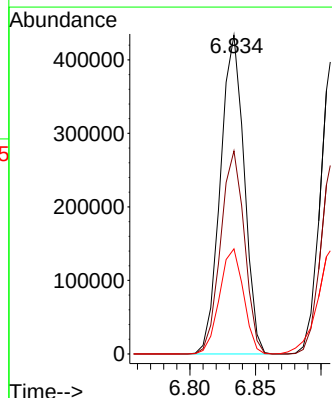
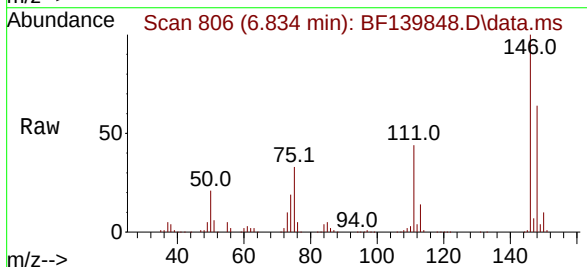
Tgt Ion: 146 Resp: 545252

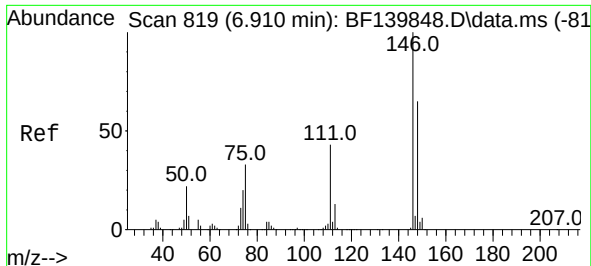
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

75 33.0 26.4 39.6

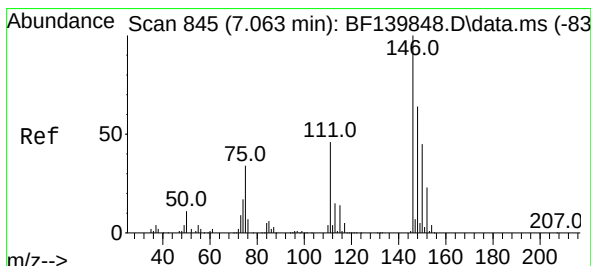
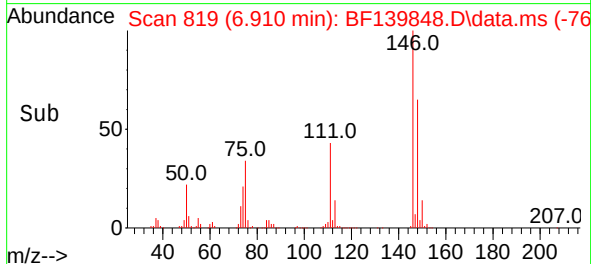
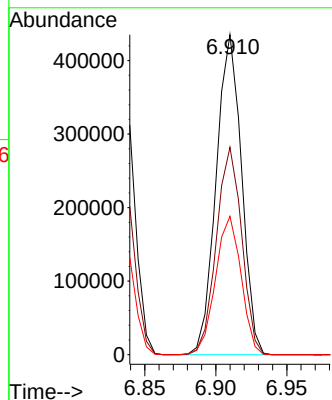
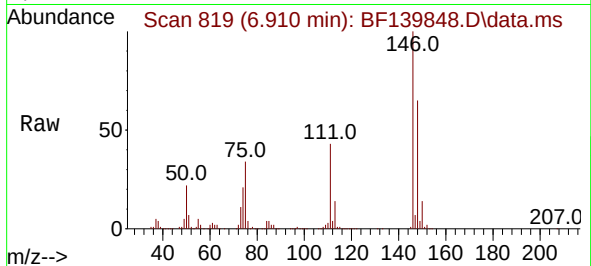




#13
1,4-Dichlorobenzene
Concen: 39.718 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

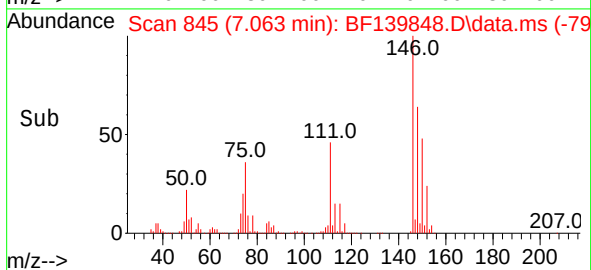
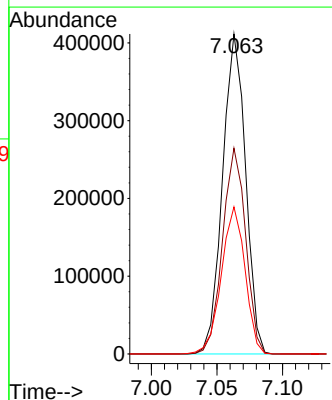
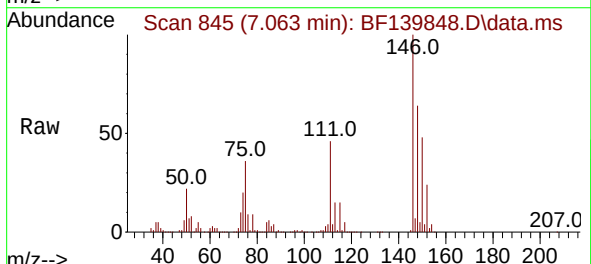
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

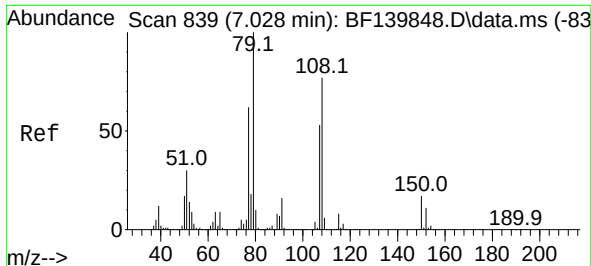
Tgt Ion:146 Resp: 541068
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
111 43.2 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 39.473 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Tgt Ion:146 Resp: 501857
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
111 45.9 36.7 55.1

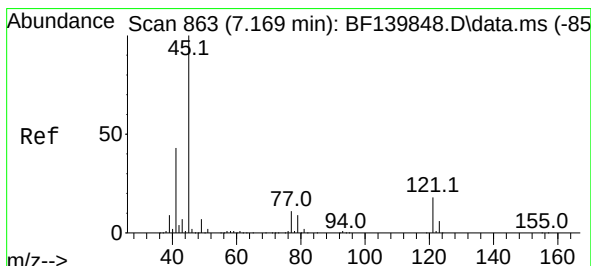
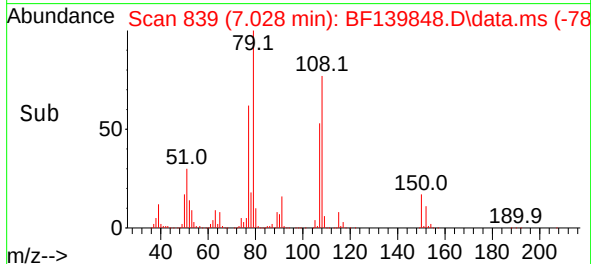
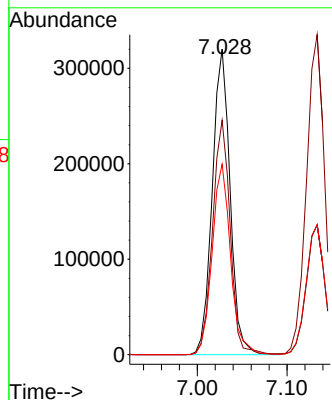
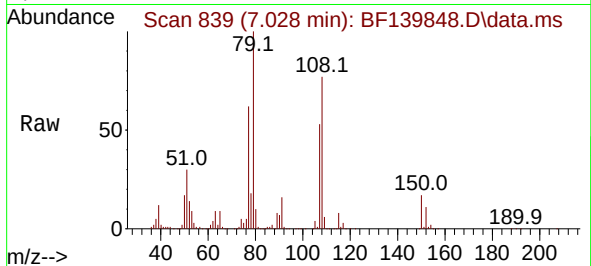




#15
Benzyl Alcohol
Concen: 39.991 ng
RT: 7.028 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

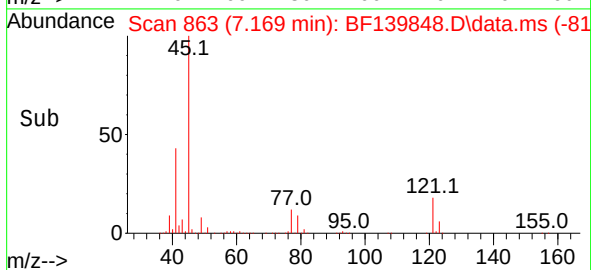
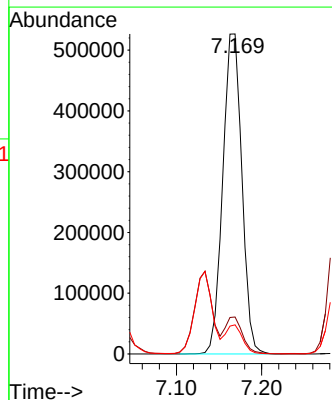
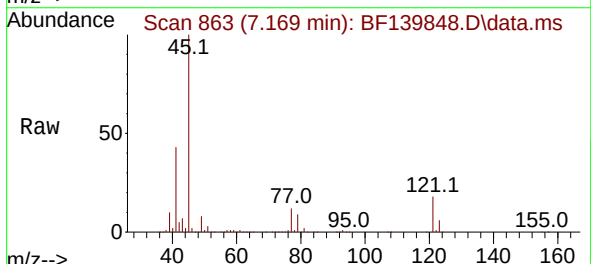
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

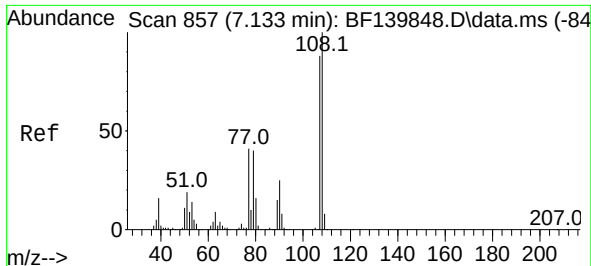
Tgt Ion: 79 Resp: 441461
Ion Ratio Lower Upper
79 100
108 76.7 61.4 92.0
77 62.4 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.113 ng
RT: 7.169 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Tgt Ion: 45 Resp: 820216
Ion Ratio Lower Upper
45 100
77 11.5 0.0 31.5
79 9.1 0.0 29.1

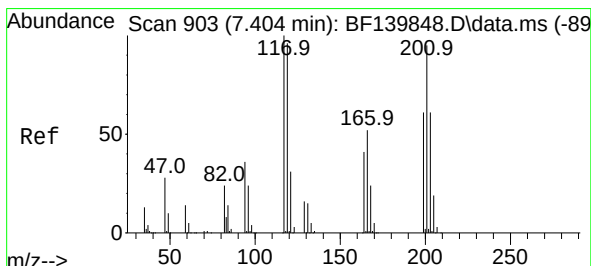
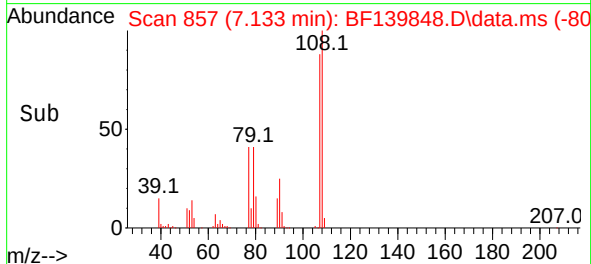
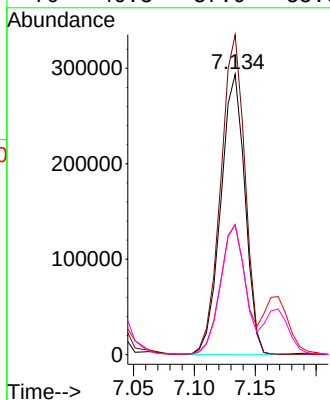
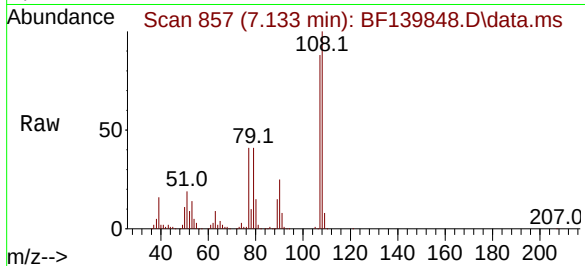




#17
2-Methylphenol
Concen: 39.996 ng
RT: 7.133 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

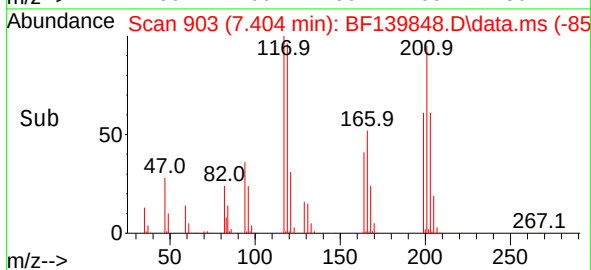
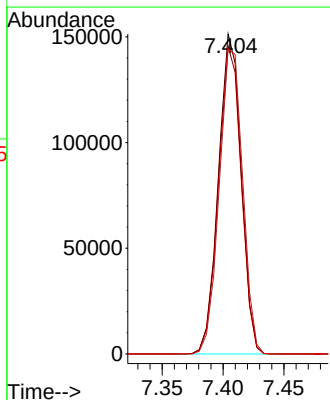
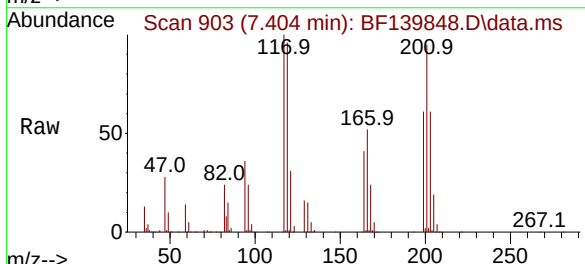
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

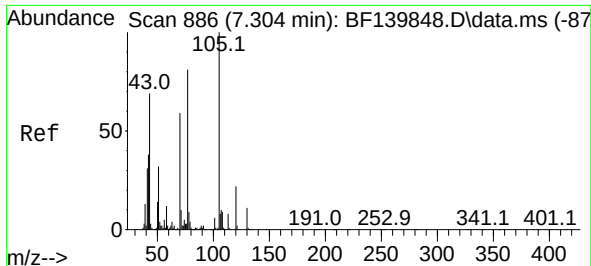
Tgt Ion:	107	Resp:	405109
Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.3	136.9
77	46.4	37.1	55.7
79	46.3	37.0	55.6



#18
Hexachloroethane
Concen: 40.478 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Tgt Ion:	117	Resp:	196637
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.0	115.4
201	95.3	76.2	114.4





#19

n-Nitroso-di-n-propylamine

Concen: 38.835 ng

RT: 7.304 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 354454

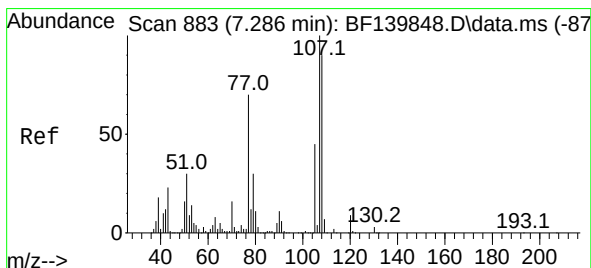
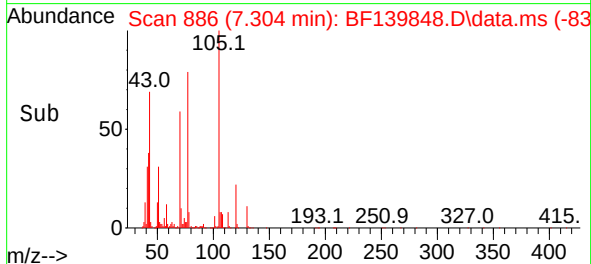
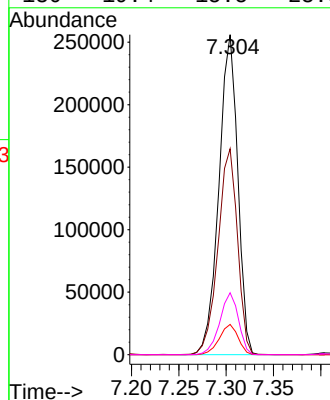
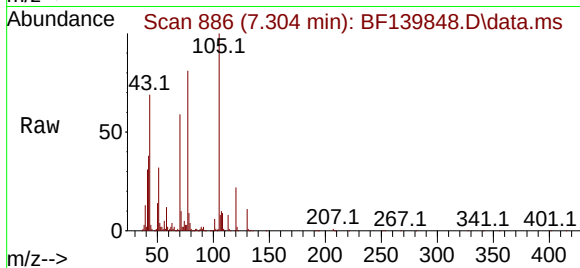
Ion Ratio Lower Upper

70 100

42 64.4 51.5 77.3

101 9.4 7.5 11.3

130 19.4 15.5 23.3



#20

3+4-Methylphenols

Concen: 39.818 ng

RT: 7.286 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

Tgt Ion: 107 Resp: 515857

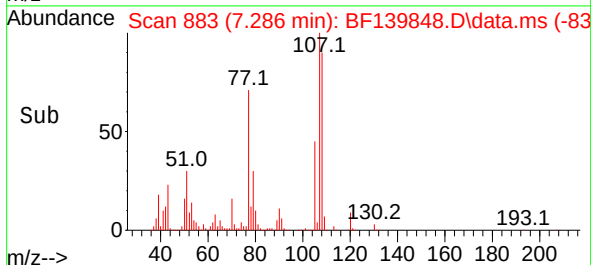
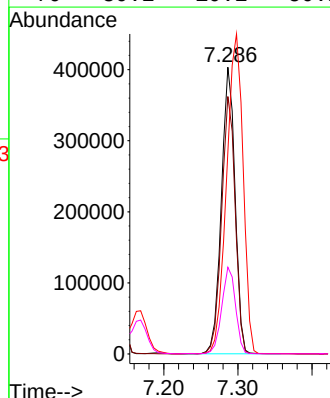
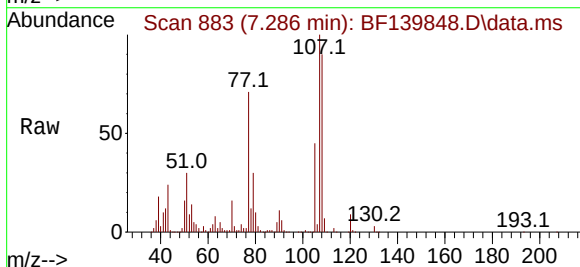
Ion Ratio Lower Upper

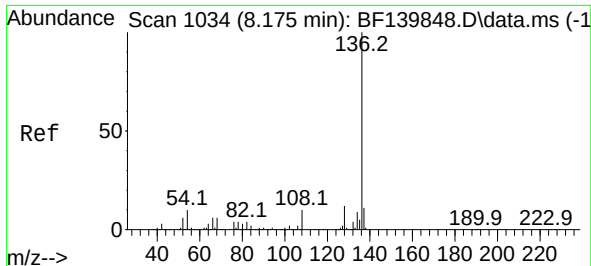
107 100

108 89.8 69.8 109.8

77 70.5 50.5 90.5

79 30.2 10.2 50.2

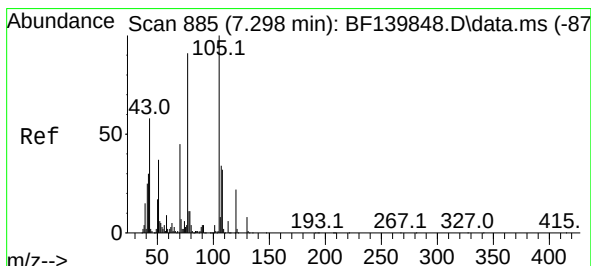
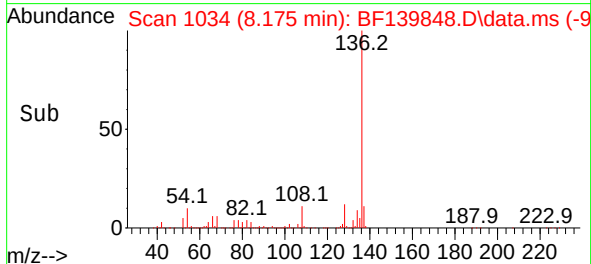
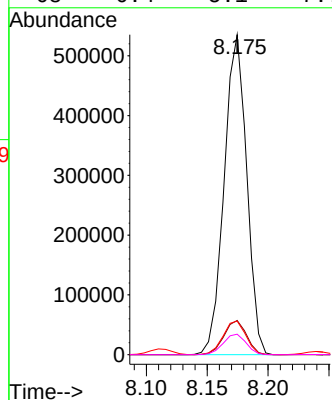
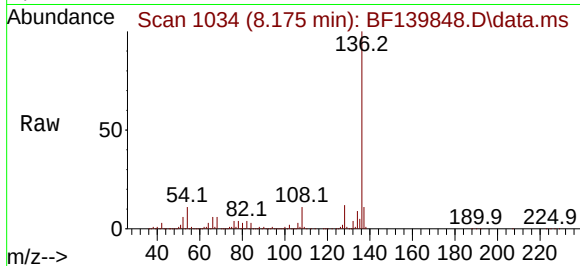




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

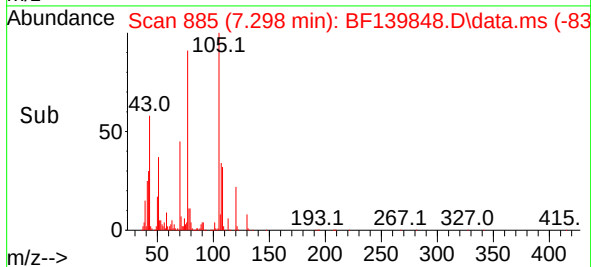
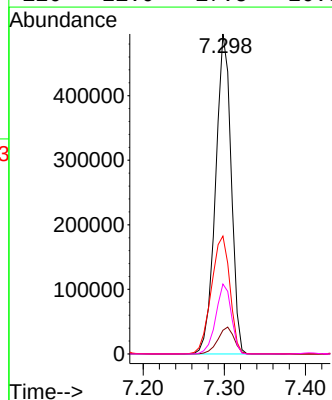
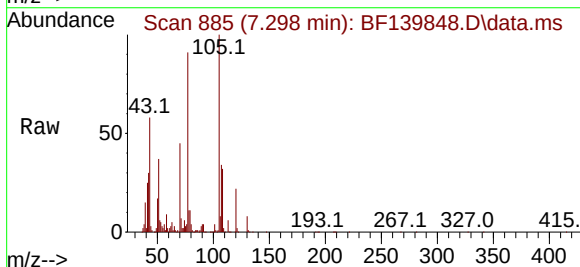
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

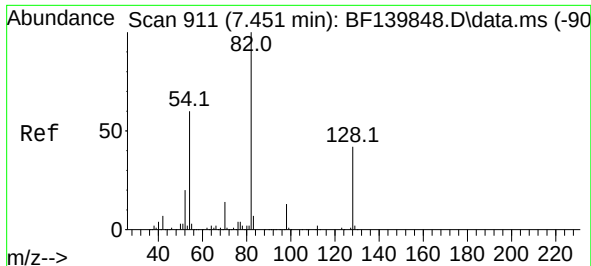
Tgt Ion:136 Resp: 688880
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 10.5 8.4 12.6
68 6.4 5.1 7.7



#22
Acetophenone
Concen: 39.312 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Tgt Ion:105 Resp: 663304
Ion Ratio Lower Upper
105 100
71 7.4 5.9 8.9
51 36.8 29.4 44.2
120 21.9 17.5 26.3





#23

Nitrobenzene-d5

Concen: 82.209 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

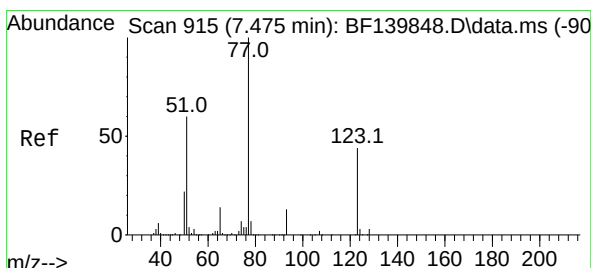
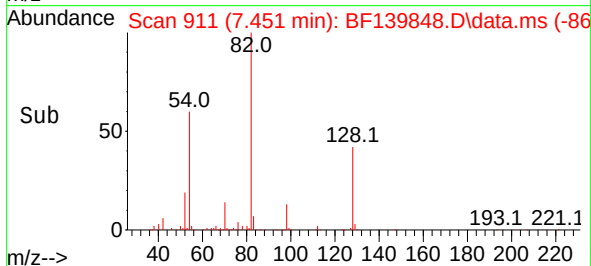
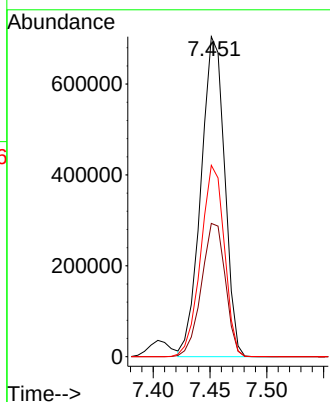
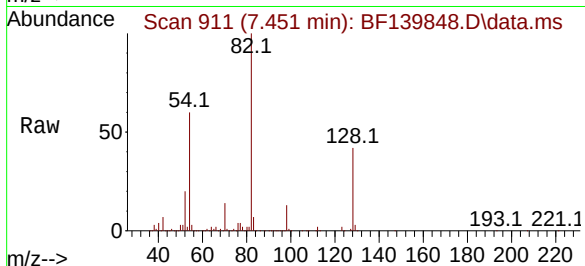
Tgt Ion: 82 Resp: 1021808

Ion Ratio Lower Upper

82 100

128 41.7 33.4 50.0

54 59.8 47.8 71.8



#24

Nitrobenzene

Concen: 40.735 ng

RT: 7.475 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

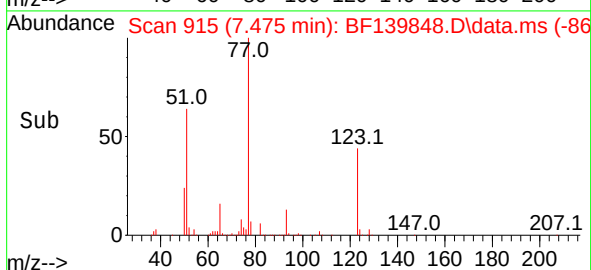
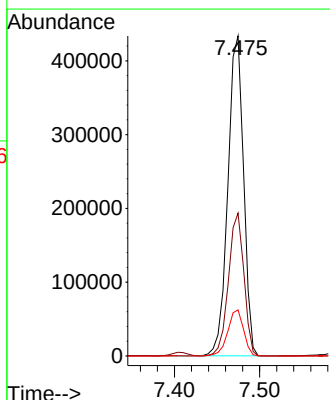
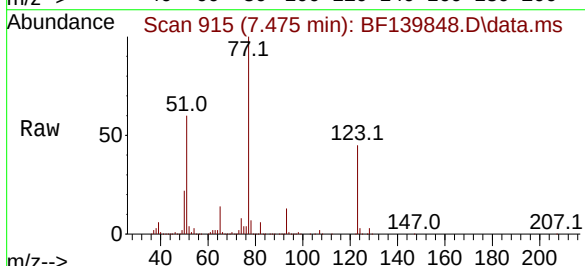
Tgt Ion: 77 Resp: 555115

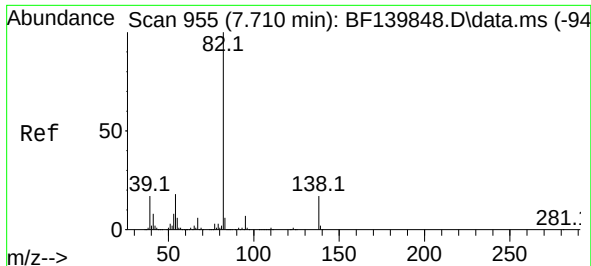
Ion Ratio Lower Upper

77 100

123 44.6 35.7 53.5

65 14.4 11.5 17.3

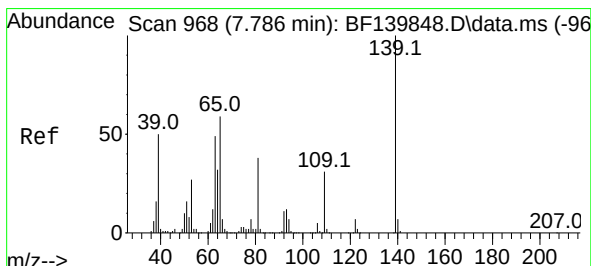
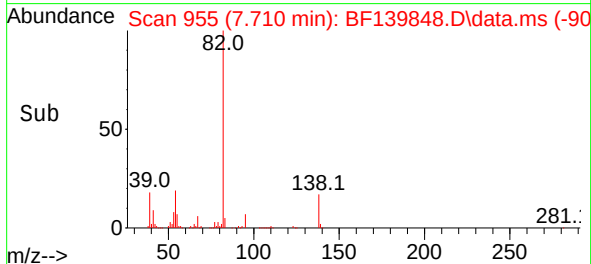
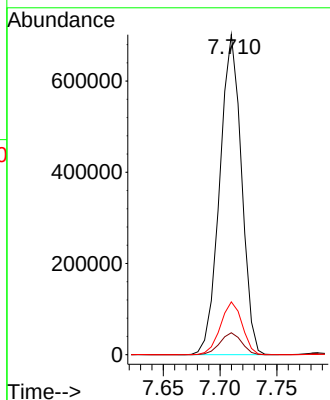
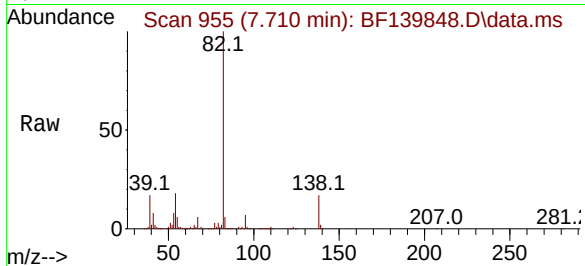




#25
Isophorone
Concen: 39.651 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

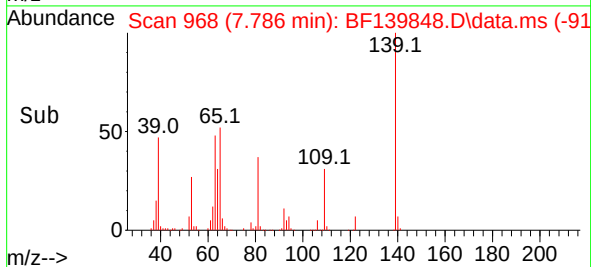
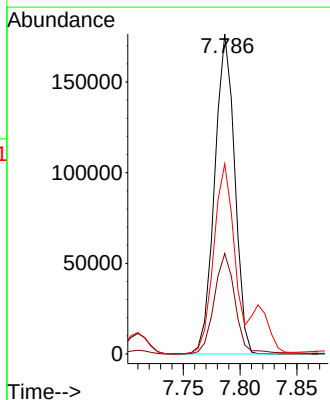
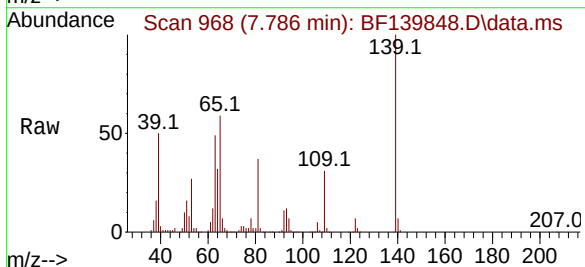
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

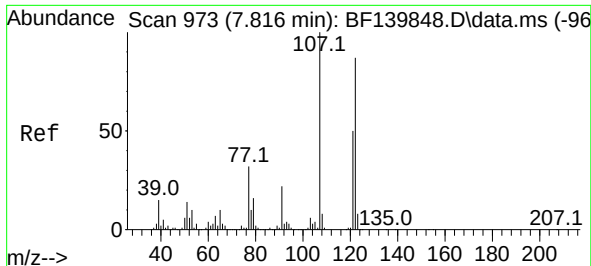
Tgt Ion: 82 Resp: 935400
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 16.5 13.2 19.8



#26
2-Nitrophenol
Concen: 42.193 ng
RT: 7.786 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Tgt Ion:139 Resp: 216916
Ion Ratio Lower Upper
139 100
109 31.4 25.1 37.7
65 59.4 47.5 71.3

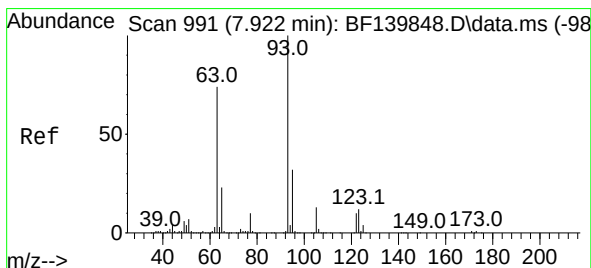
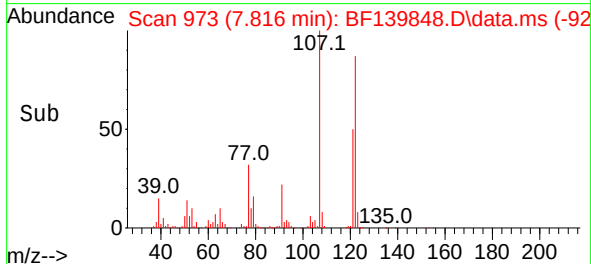
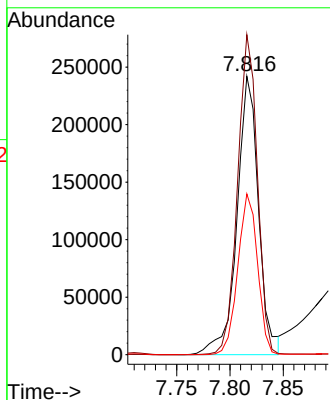
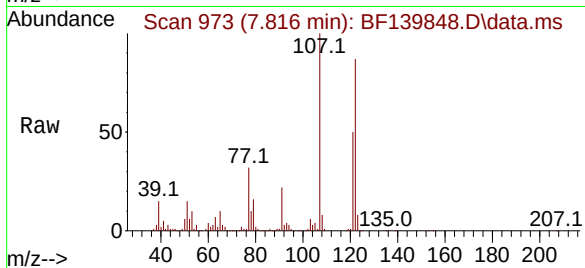




#27
2,4-Dimethylphenol
Concen: 39.894 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

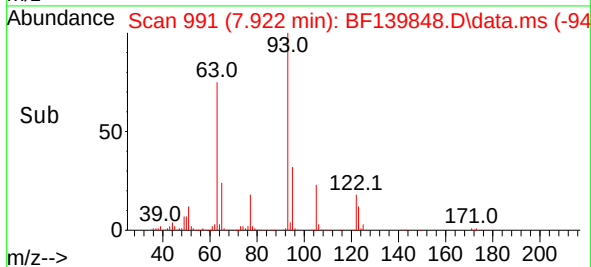
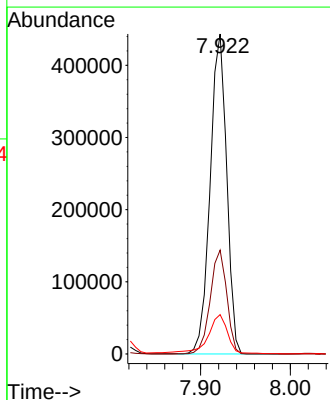
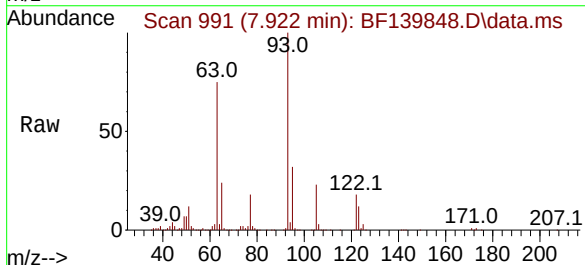
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

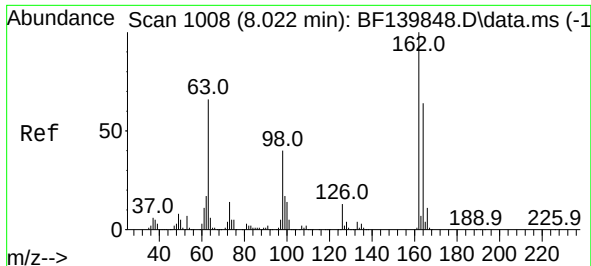
Tgt Ion:122 Resp: 341985
Ion Ratio Lower Upper
122 100
107 114.9 91.9 137.9
121 57.8 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.683 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Tgt Ion: 93 Resp: 567188
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 12.3 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 39.976 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

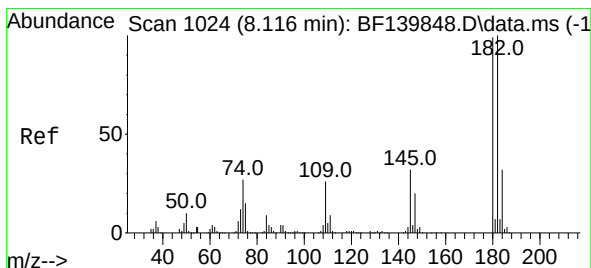
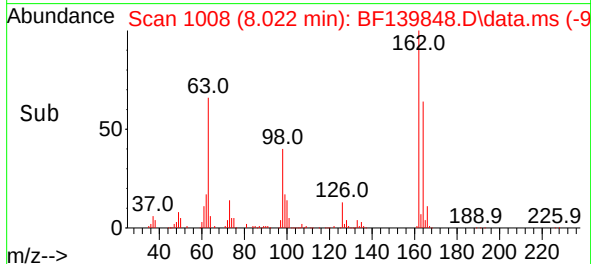
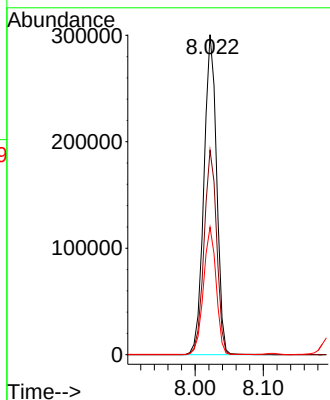
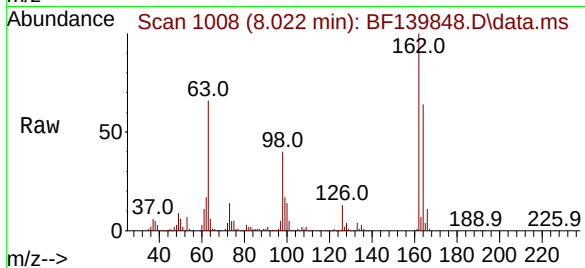
Tgt Ion:162 Resp: 390330

Ion Ratio Lower Upper

162 100

164 63.9 43.9 83.9

98 39.9 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 40.195 ng

RT: 8.116 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

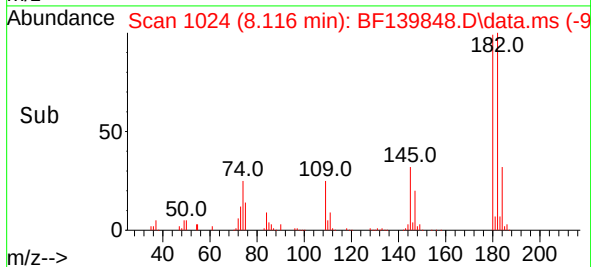
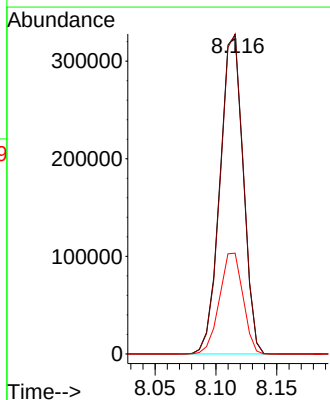
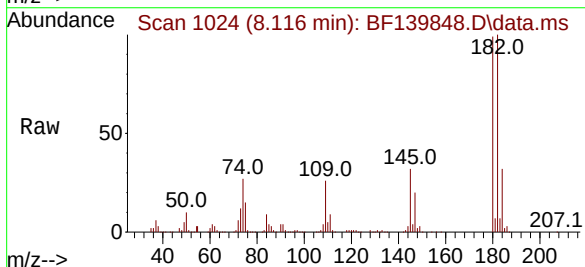
Tgt Ion:180 Resp: 434274

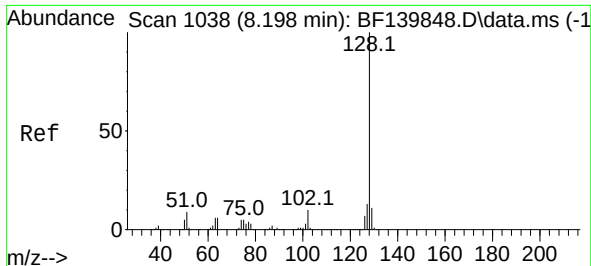
Ion Ratio Lower Upper

180 100

182 100.6 80.5 120.7

145 31.7 25.4 38.0

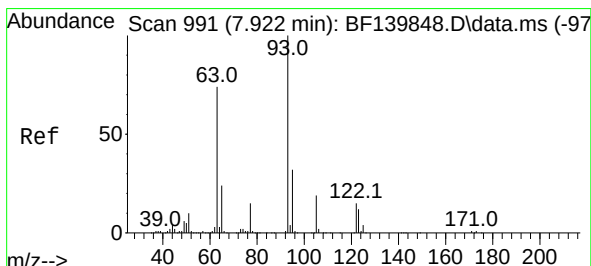
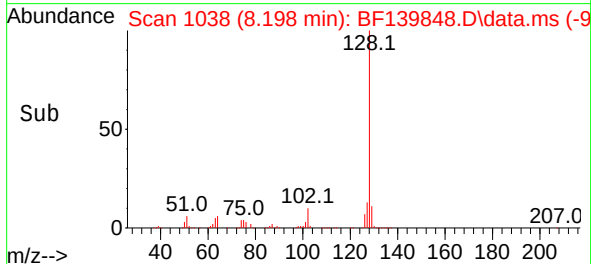
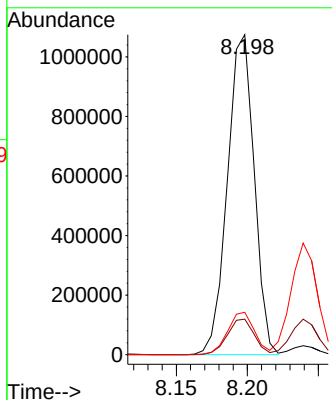
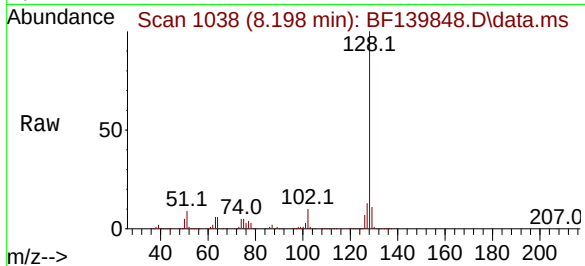




#31
Naphthalene
Concen: 39.681 ng
RT: 8.198 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

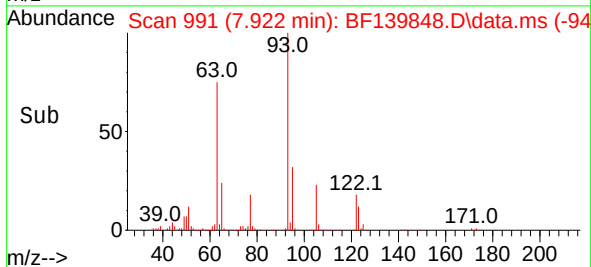
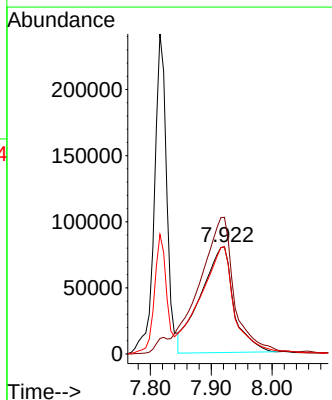
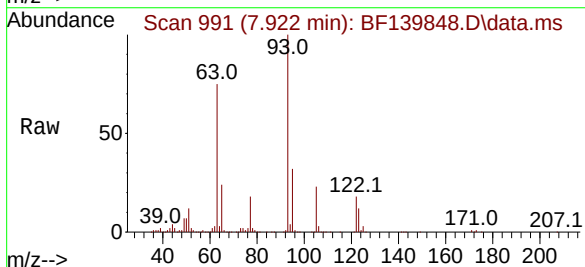
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

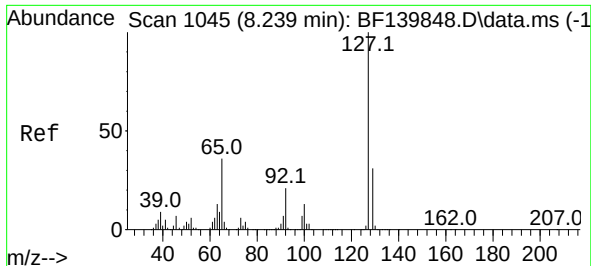
Tgt Ion:128 Resp: 1409796
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 40.451 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Tgt Ion:122 Resp: 302443
Ion Ratio Lower Upper
122 100
105 127.6 107.6 147.6
77 100.2 80.2 120.2





#33

4-Chloroaniline

Concen: 39.950 ng

RT: 8.239 min Scan# 1045

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 483982

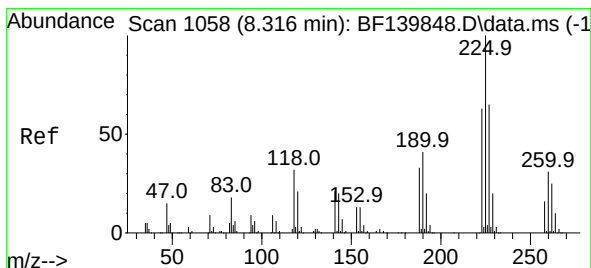
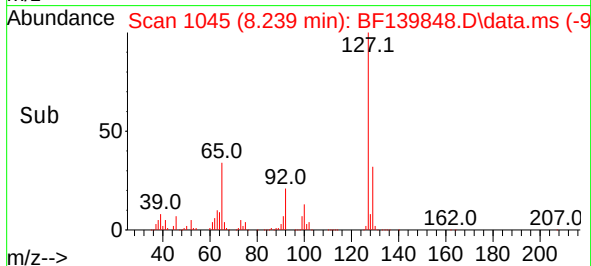
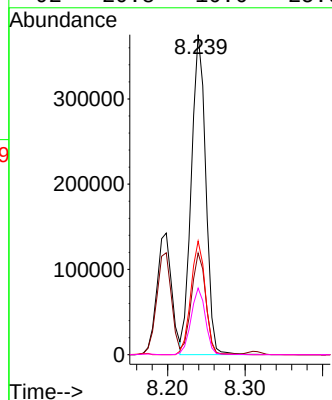
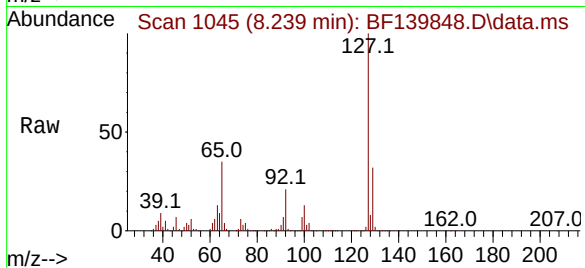
Ion Ratio Lower Upper

127 100

129 31.8 25.4 38.2

65 35.5 28.4 42.6

92 20.8 16.6 25.0



#34

Hexachlorobutadiene

Concen: 39.967 ng

RT: 8.316 min Scan# 1058

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

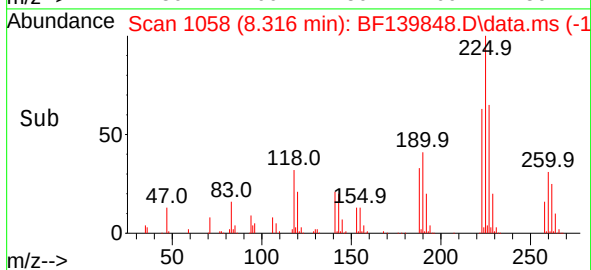
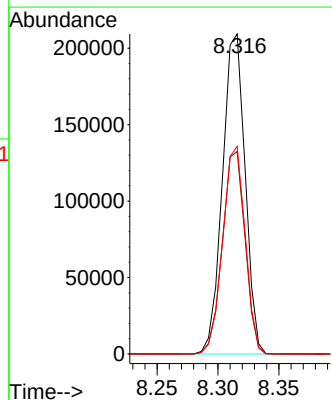
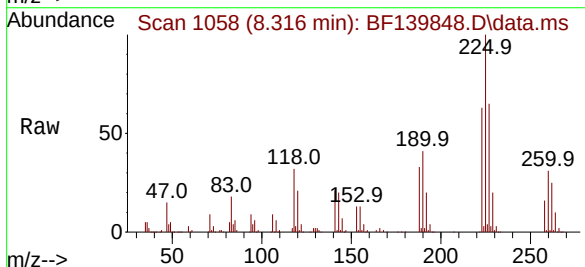
Tgt Ion:225 Resp: 271315

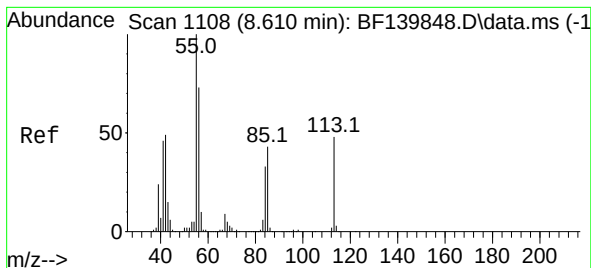
Ion Ratio Lower Upper

225 100

223 63.3 50.6 76.0

227 64.8 51.8 77.8





#35

Caprolactam

Concen: 40.772 ng

RT: 8.610 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

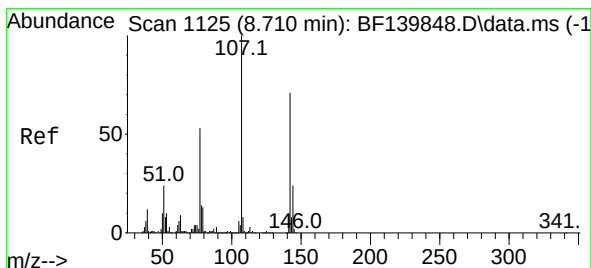
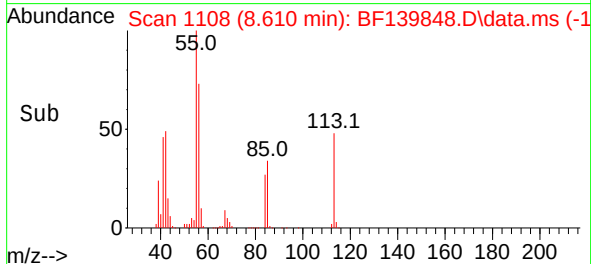
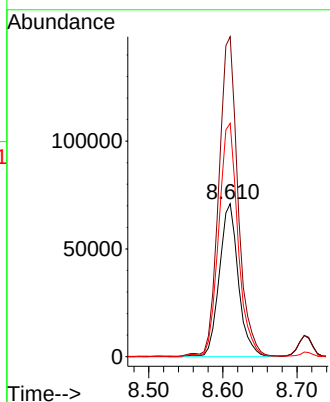
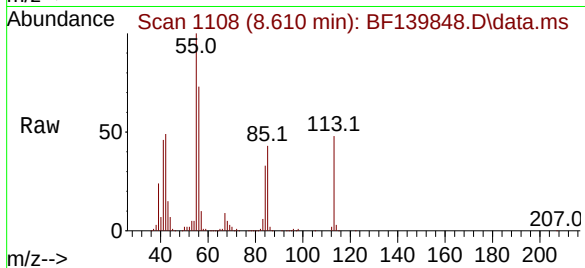
Tgt Ion:113 Resp: 126585

Ion Ratio Lower Upper

113 100

55 209.2 189.2 229.2

56 152.5 132.5 172.5



#36

4-Chloro-3-methylphenol

Concen: 40.116 ng

RT: 8.710 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

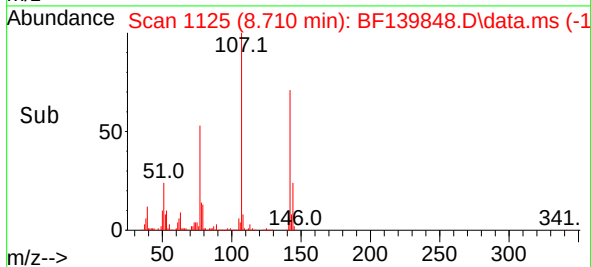
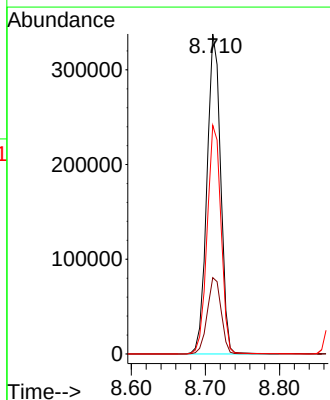
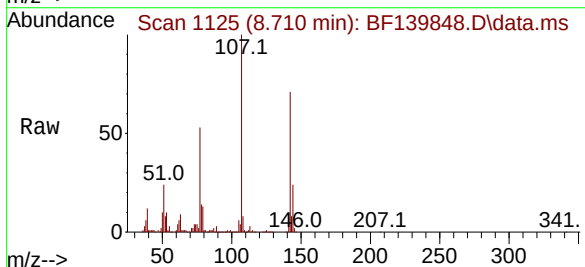
Tgt Ion:107 Resp: 433727

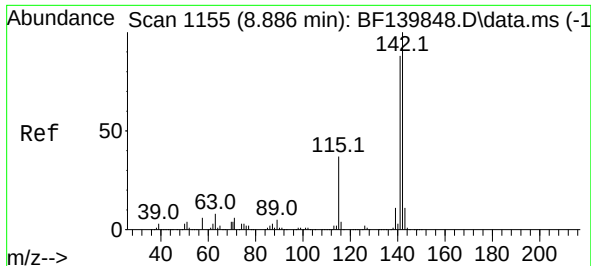
Ion Ratio Lower Upper

107 100

144 23.9 19.1 28.7

142 71.5 57.2 85.8

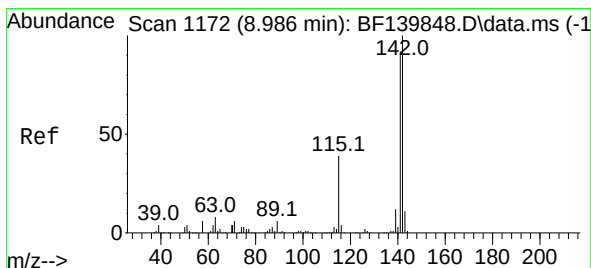
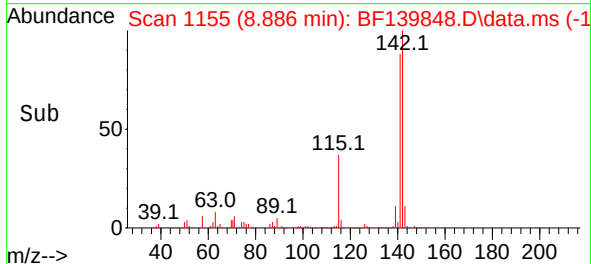
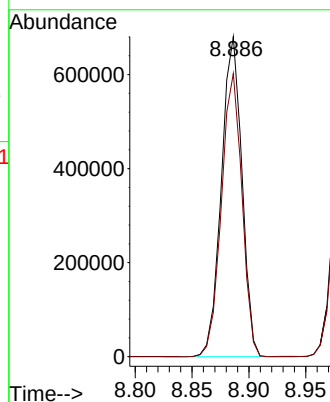
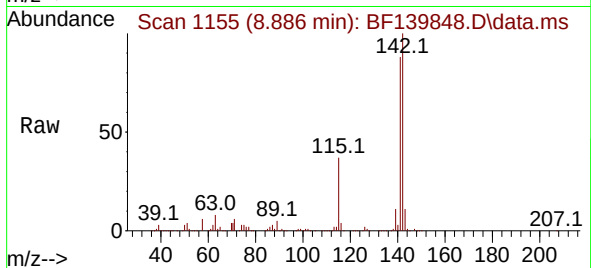




#37
2-Methylnaphthalene
Concen: 39.345 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

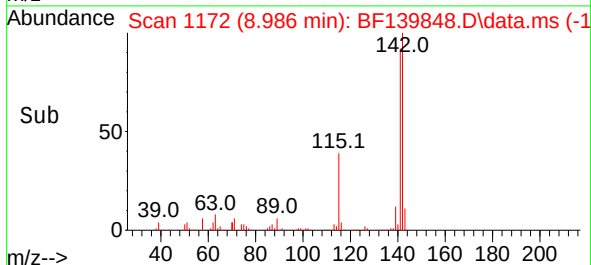
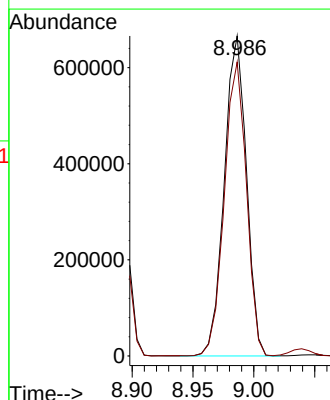
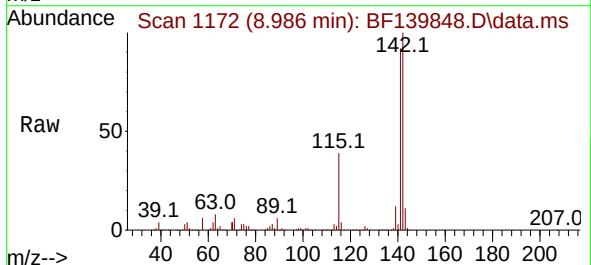
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

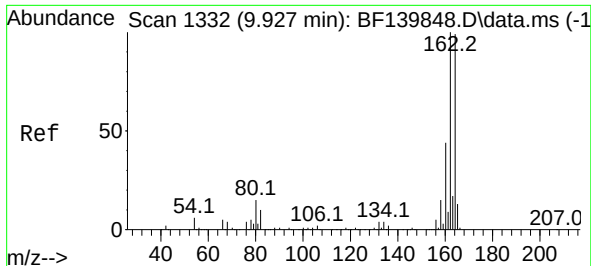
Tgt Ion:142 Resp: 856111
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2



#38
1-Methylnaphthalene
Concen: 39.471 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Tgt Ion:142 Resp: 842638
Ion Ratio Lower Upper
142 100
141 91.9 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF139848.D

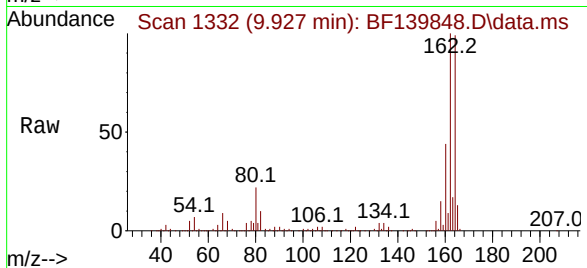
Acq: 18 Oct 2024 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



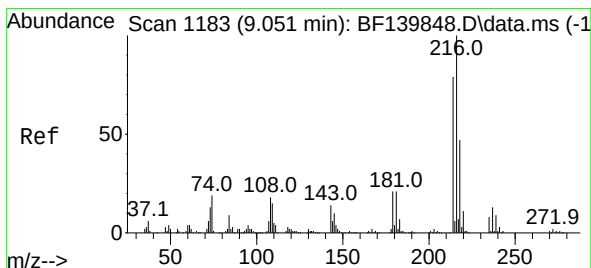
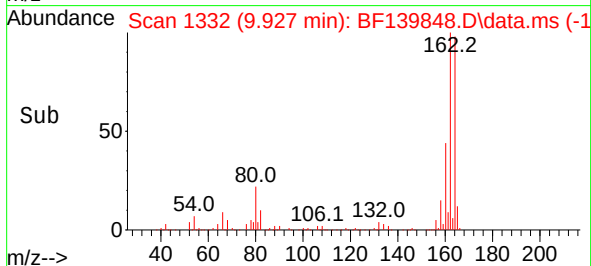
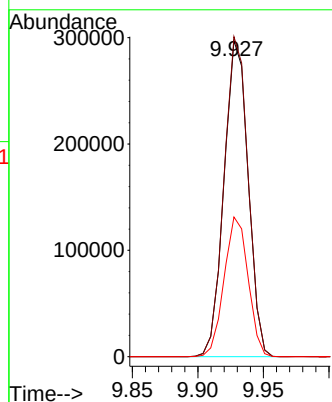
Tgt Ion:164 Resp: 379753

Ion Ratio Lower Upper

164 100

162 101.2 81.0 121.4

160 44.2 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.776 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

Tgt Ion:216 Resp: 407511

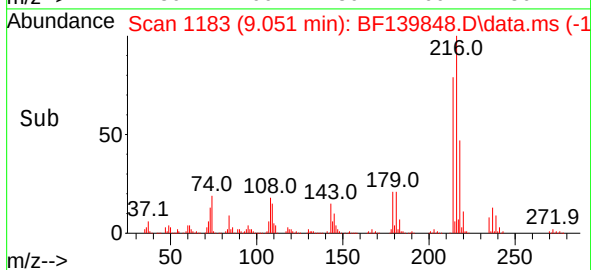
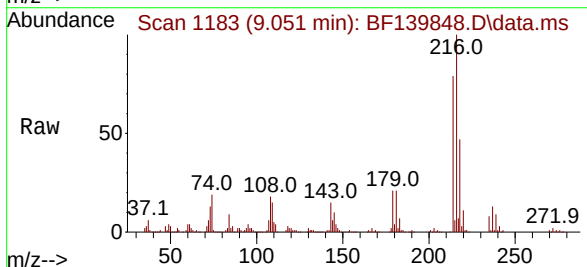
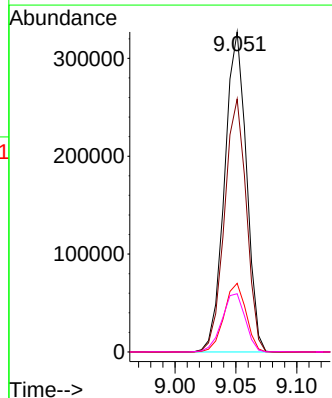
Ion Ratio Lower Upper

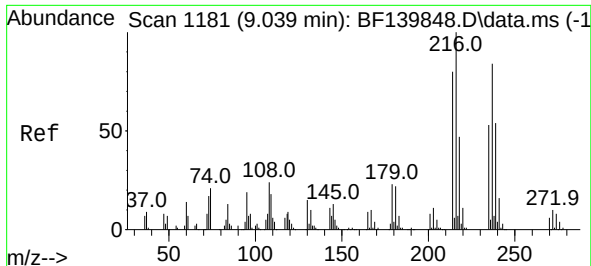
216 100

214 79.2 63.4 95.0

179 21.5 17.2 25.8

108 19.5 15.6 23.4

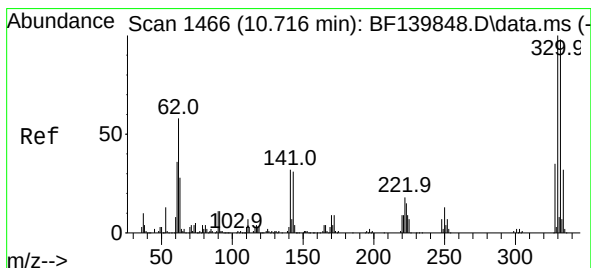
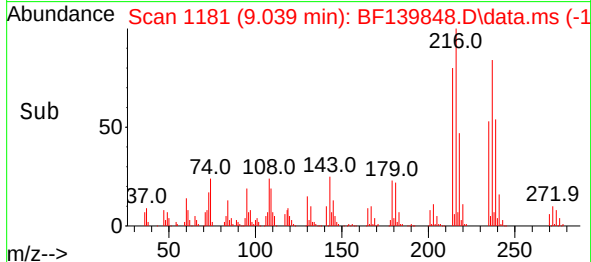
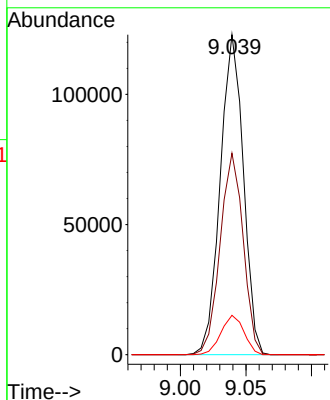
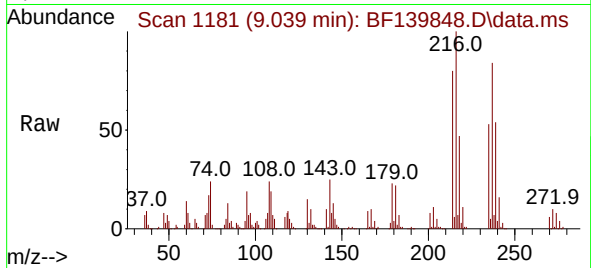




#41
Hexachlorocyclopentadiene
Concen: 42.229 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

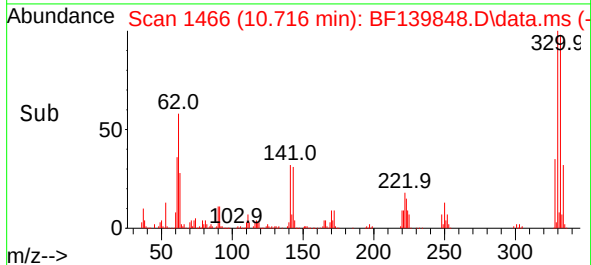
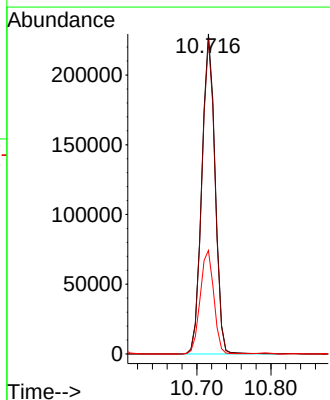
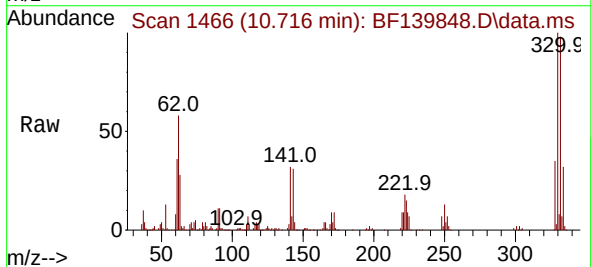
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

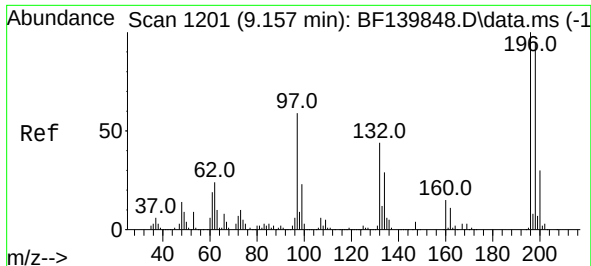
Tgt Ion:237 Resp: 150540
Ion Ratio Lower Upper
237 100
235 62.9 42.9 82.9
272 12.3 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 80.292 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Tgt Ion:330 Resp: 285205
Ion Ratio Lower Upper
330 100
332 97.6 78.1 117.1
141 33.2 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 40.474 ng

RT: 9.157 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

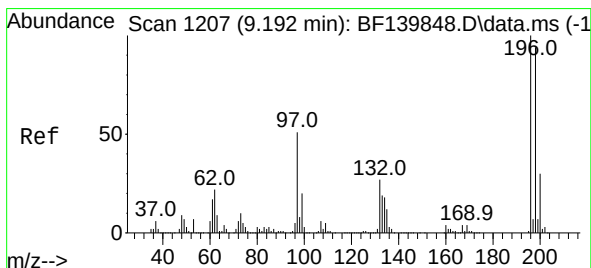
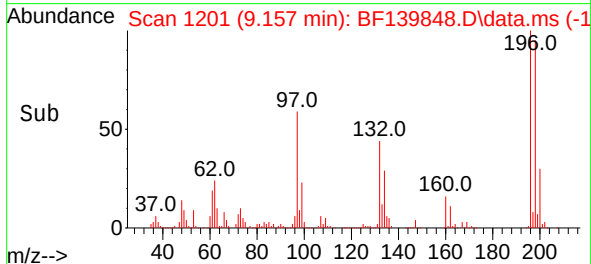
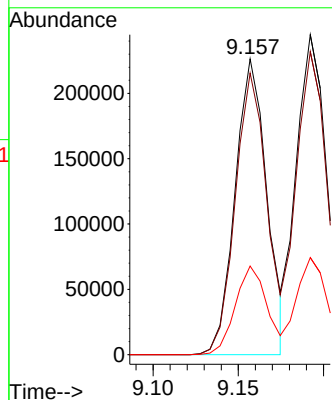
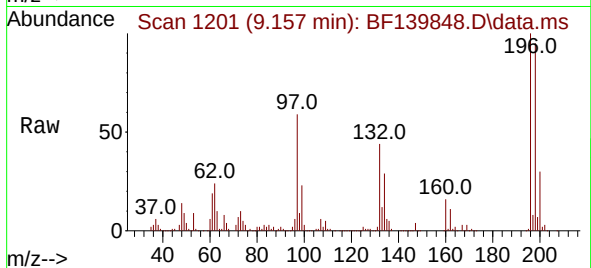
Tgt Ion:196 Resp: 293577

Ion Ratio Lower Upper

196 100

198 95.2 76.2 114.2

200 30.0 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 40.651 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

Tgt Ion:196 Resp: 304213

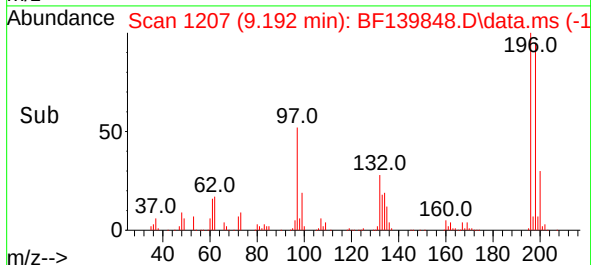
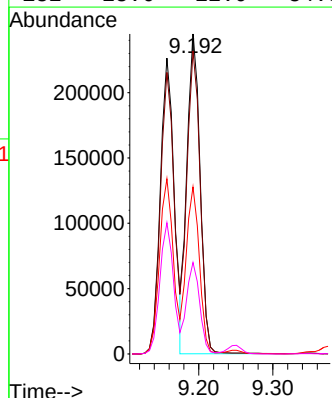
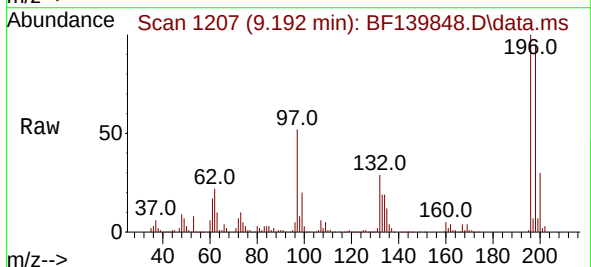
Ion Ratio Lower Upper

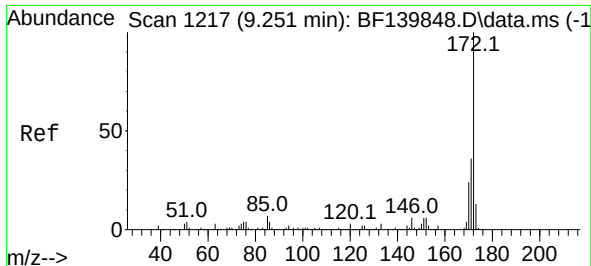
196 100

198 94.7 75.8 113.6

97 52.2 41.8 62.6

132 28.6 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 76.791 ng

RT: 9.251 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

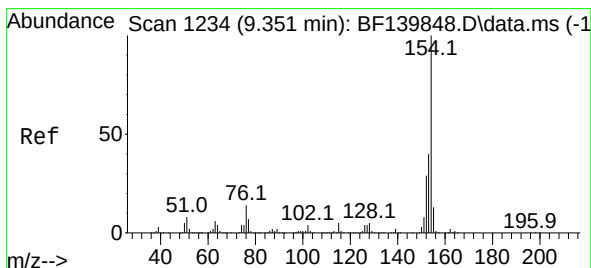
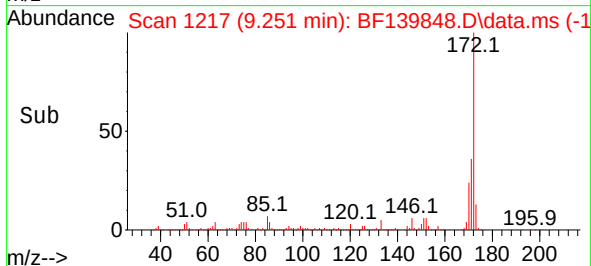
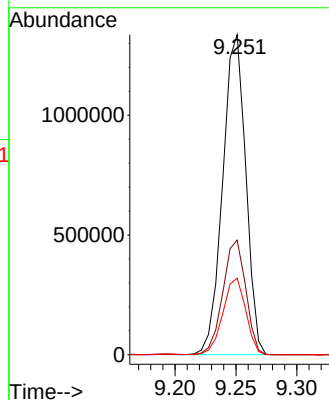
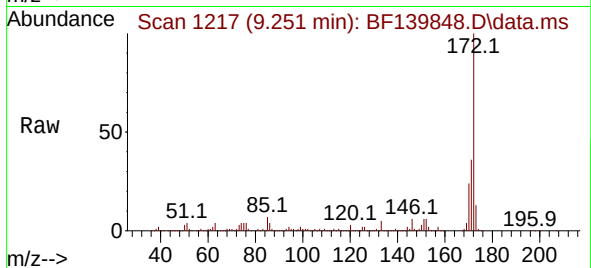
Tgt Ion:172 Resp: 1764495

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.9 19.1 28.7



#46

1,1'-Biphenyl

Concen: 39.608 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

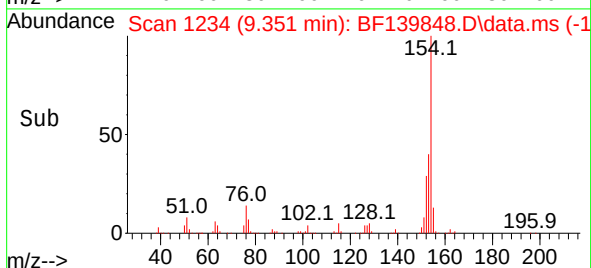
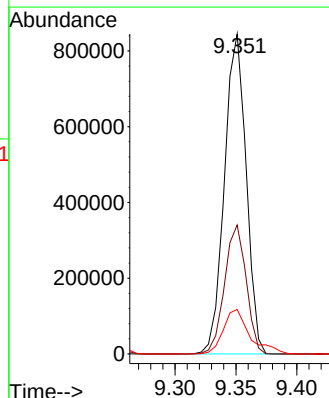
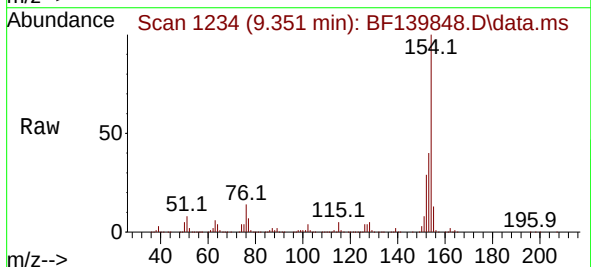
Tgt Ion:154 Resp: 1047094

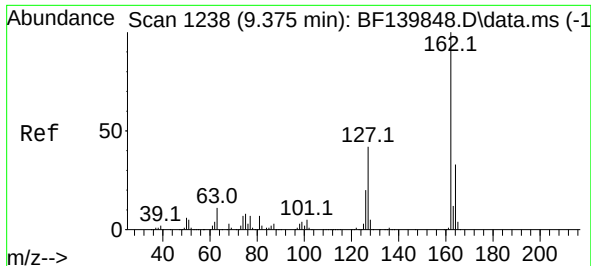
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

76 13.9 0.0 33.9





#47

2-Chloronaphthalene

Concen: 39.613 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

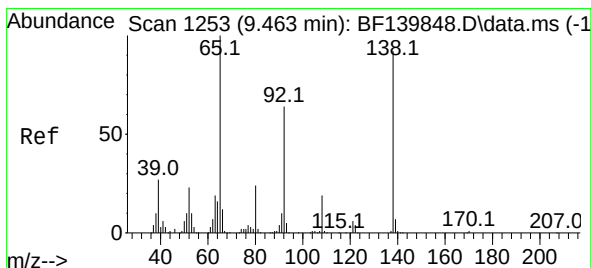
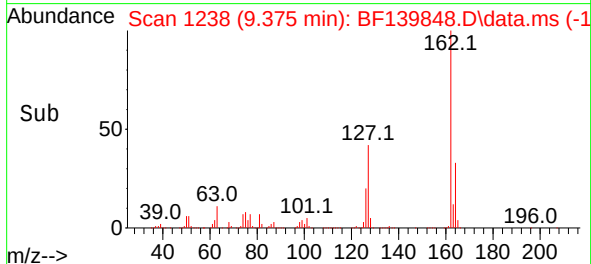
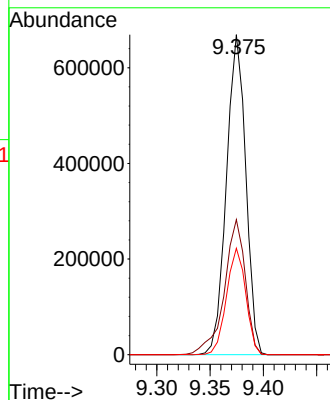
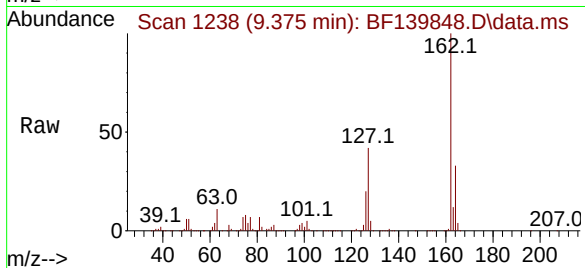
Tgt Ion:162 Resp: 843452

Ion Ratio Lower Upper

162 100

127 42.2 33.8 50.6

164 33.2 26.6 39.8



#48

2-Nitroaniline

Concen: 42.562 ng

RT: 9.463 min Scan# 1253

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

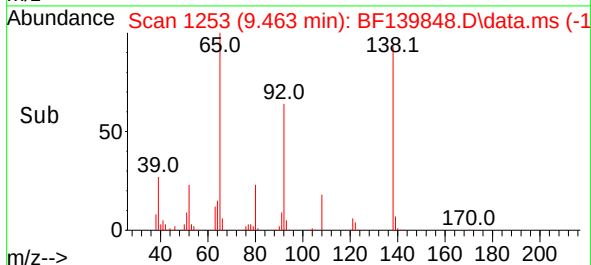
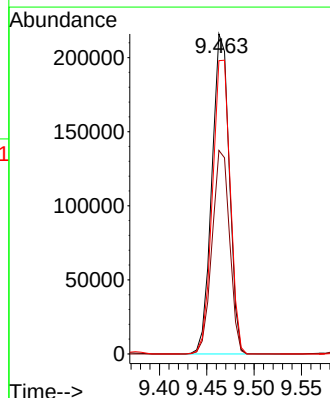
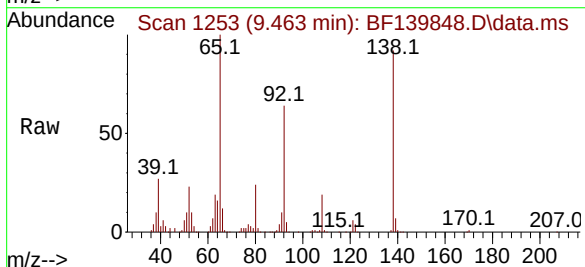
Tgt Ion: 65 Resp: 277165

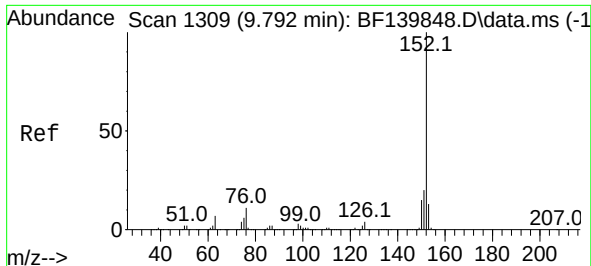
Ion Ratio Lower Upper

65 100

92 63.6 50.9 76.3

138 91.7 73.4 110.0





#49

Acenaphthylene

Concen: 39.837 ng

RT: 9.792 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

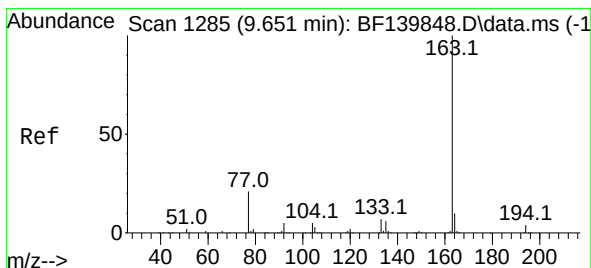
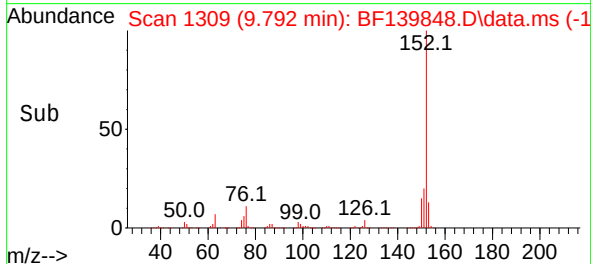
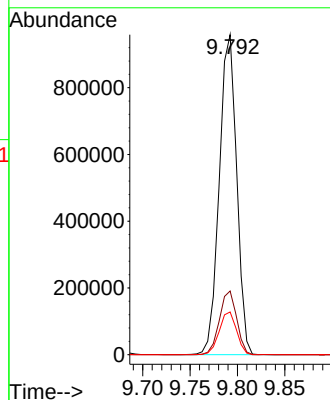
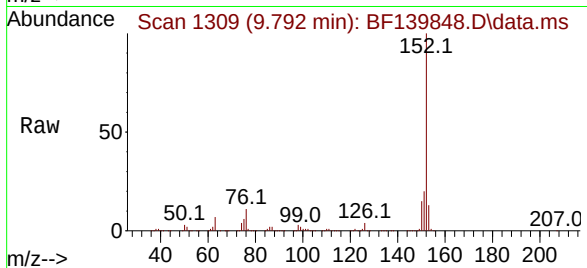
Tgt Ion:152 Resp: 1226273

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.4 10.7 16.1



#50

Dimethylphthalate

Concen: 39.726 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

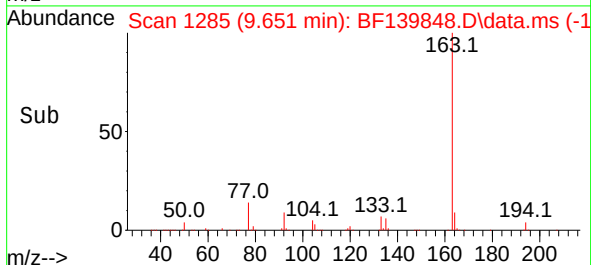
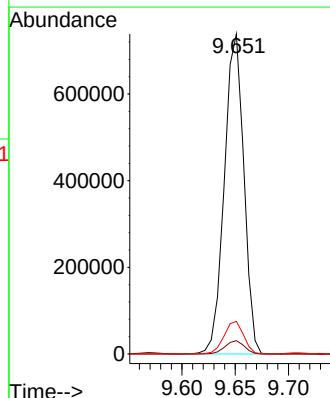
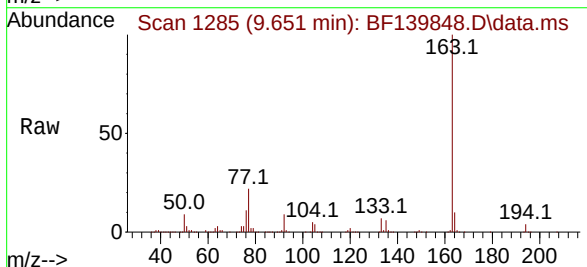
Tgt Ion:163 Resp: 939670

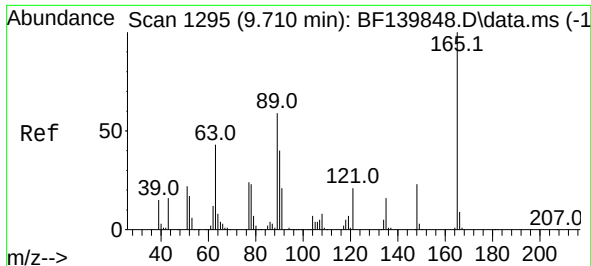
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.2 8.2 12.2

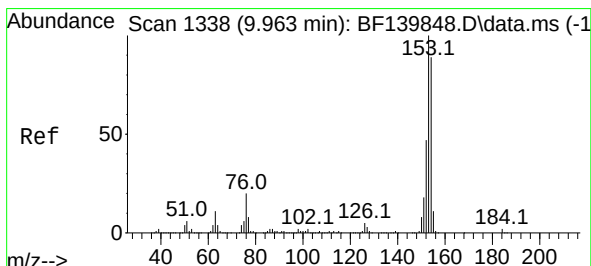
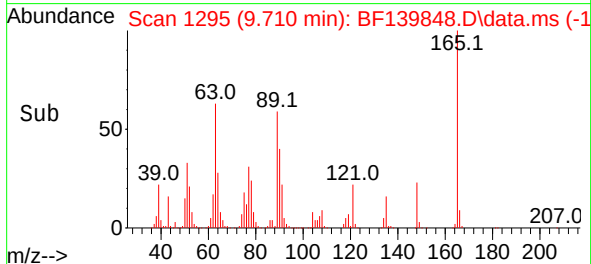
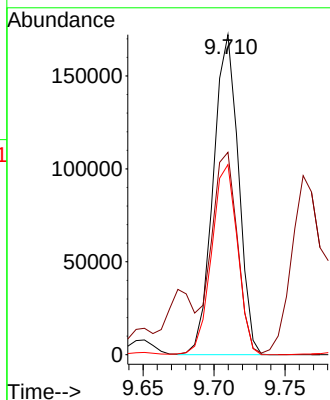
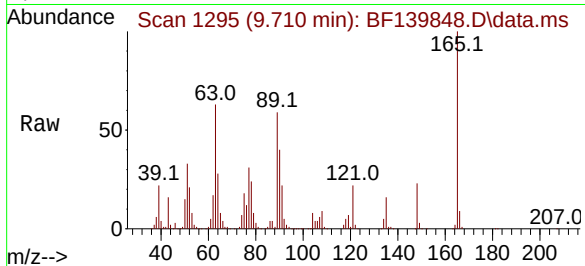




#51
2,6-Dinitrotoluene
Concen: 41.580 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

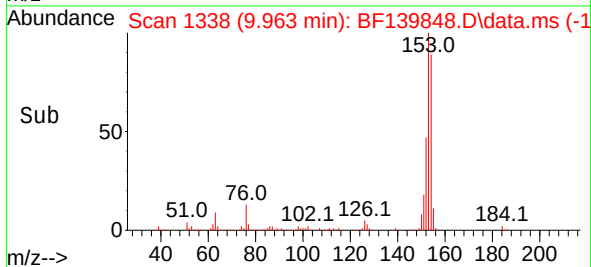
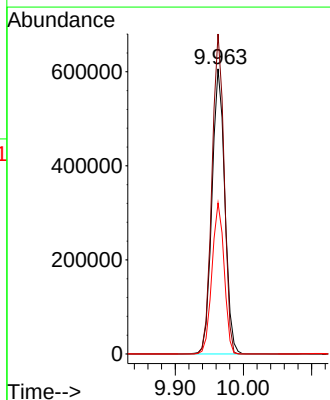
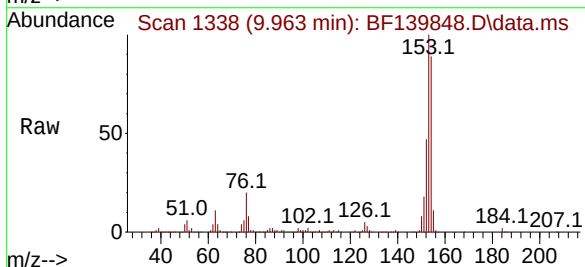
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

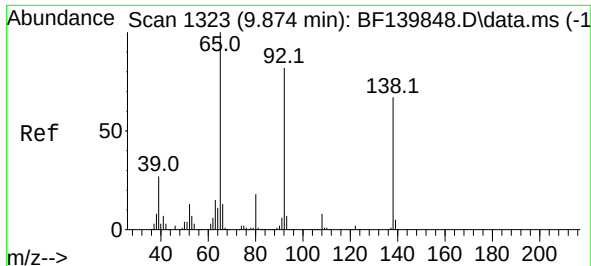
Tgt Ion:165 Resp: 212956
Ion Ratio Lower Upper
165 100
63 63.2 50.6 75.8
89 59.4 47.5 71.3



#52
Acenaphthene
Concen: 39.811 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Tgt Ion:154 Resp: 792756
Ion Ratio Lower Upper
154 100
153 112.2 89.8 134.6
152 53.0 42.4 63.6

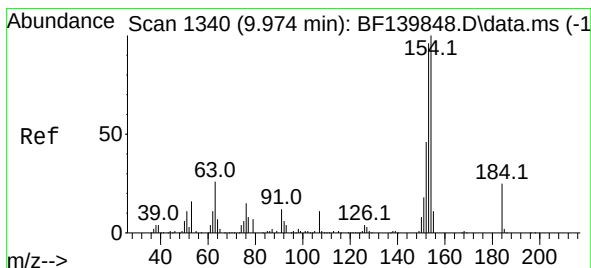
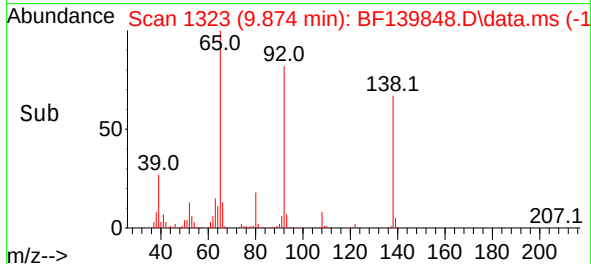
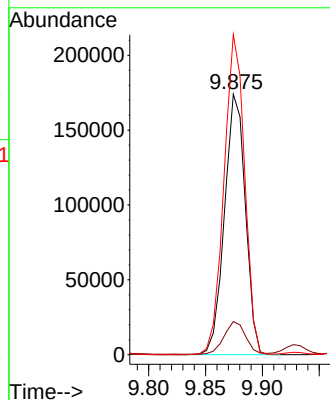
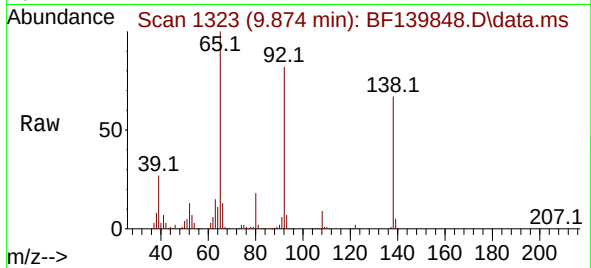




#53
3-Nitroaniline
Concen: 42.051 ng
RT: 9.874 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

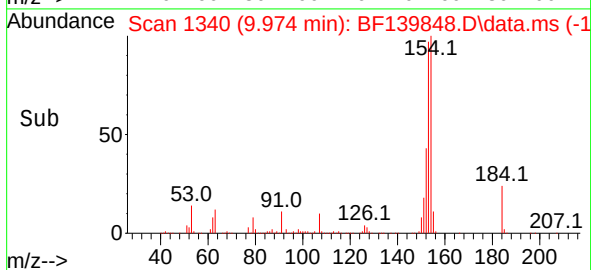
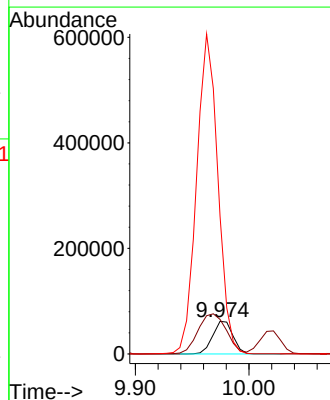
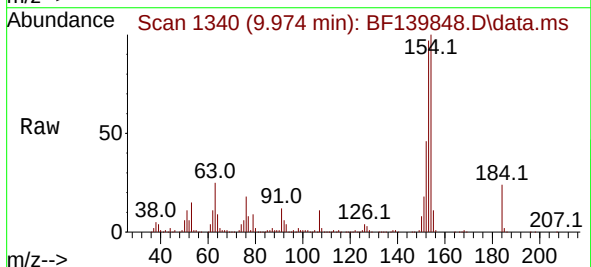
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

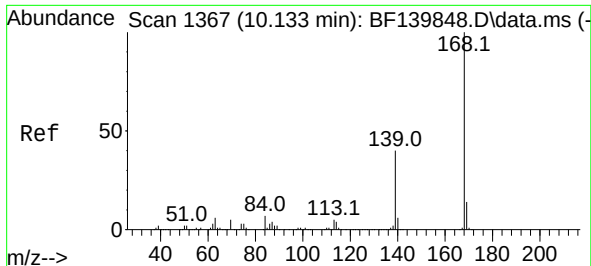
Tgt Ion:138 Resp: 222098
Ion Ratio Lower Upper
138 100
108 12.7 10.2 15.2
92 122.9 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 39.739 ng
RT: 9.974 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Tgt Ion:184 Resp: 76948
Ion Ratio Lower Upper
184 100
63 105.9 84.7 127.1
154 422.7 338.2 507.2

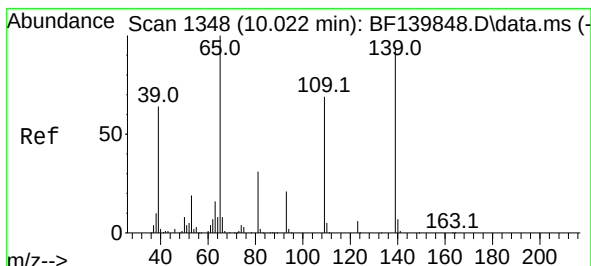
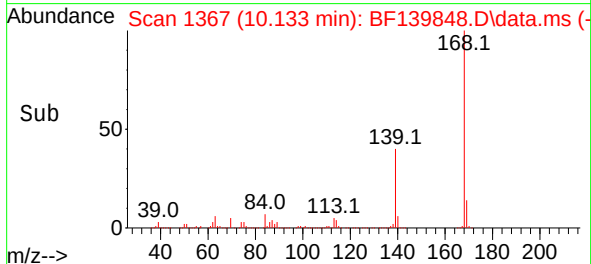
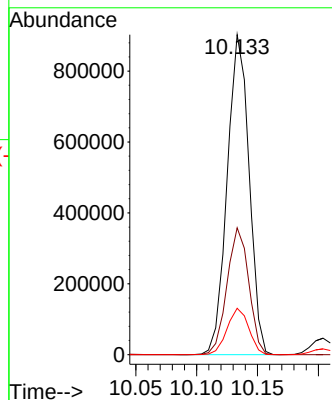
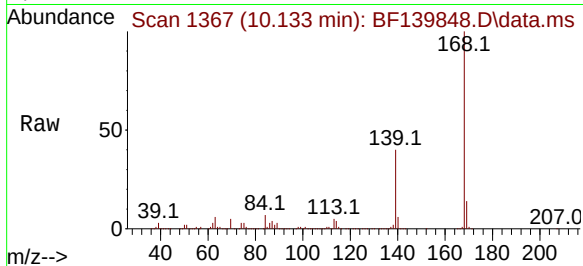




#55
Dibenzofuran
Concen: 39.505 ng
RT: 10.133 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

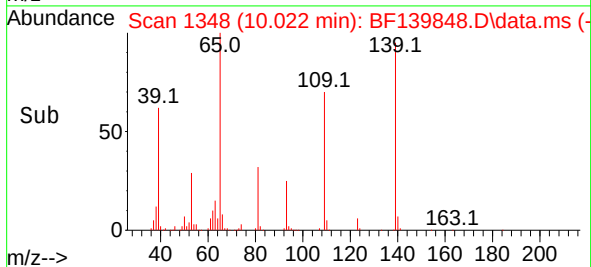
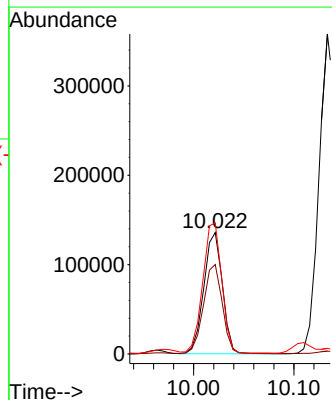
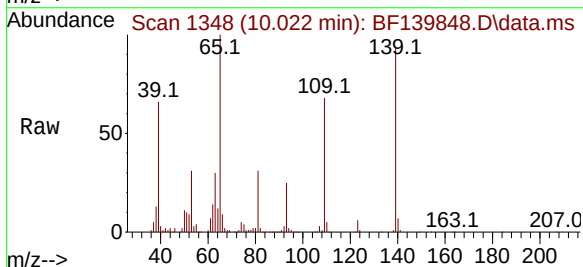
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

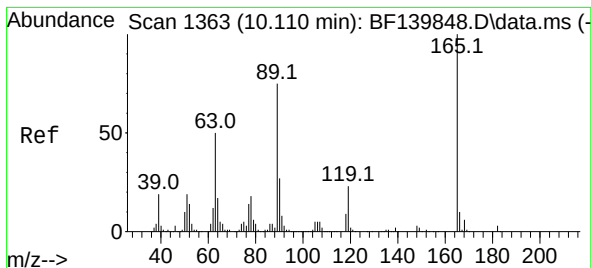
Tgt Ion:168 Resp: 1128670
Ion Ratio Lower Upper
168 100
139 39.7 31.8 47.6
169 14.5 11.6 17.4



#56
4-Nitrophenol
Concen: 43.292 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Tgt Ion:139 Resp: 175913
Ion Ratio Lower Upper
139 100
109 73.6 53.6 93.6
65 107.8 87.8 127.8

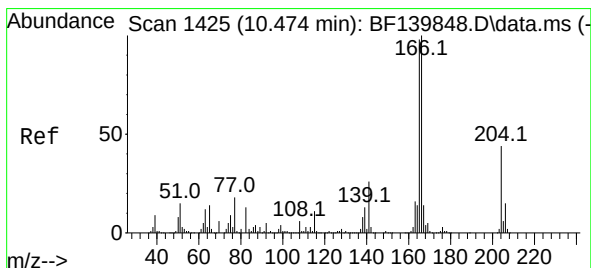
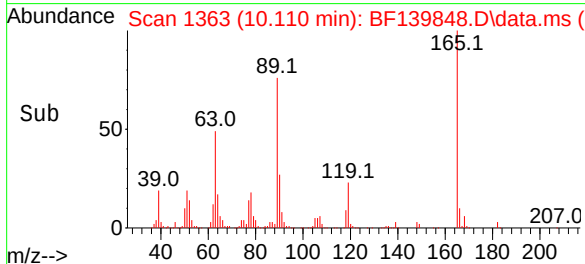
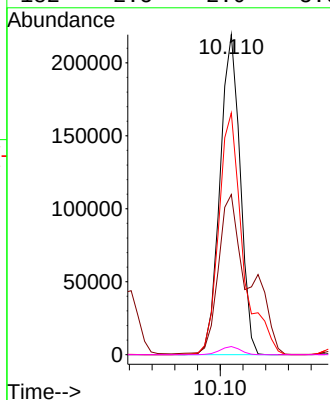
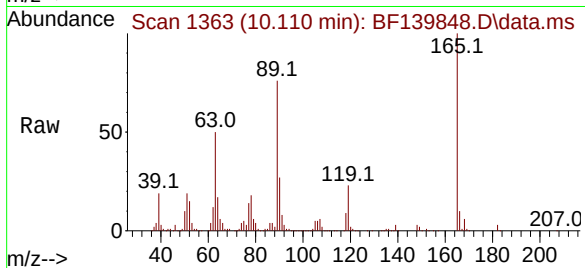




#57
2,4-Dinitrotoluene
Concen: 42.965 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

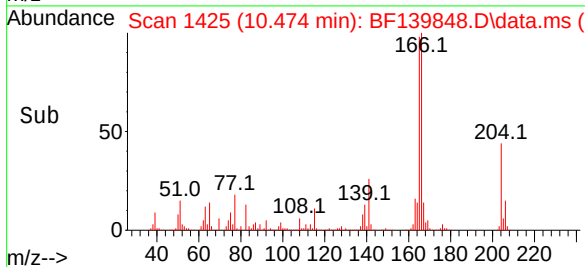
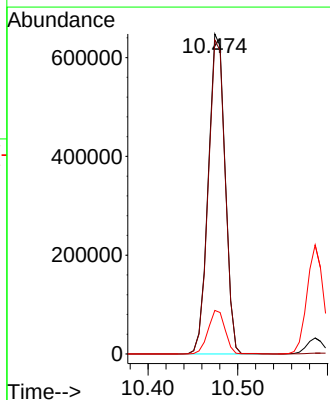
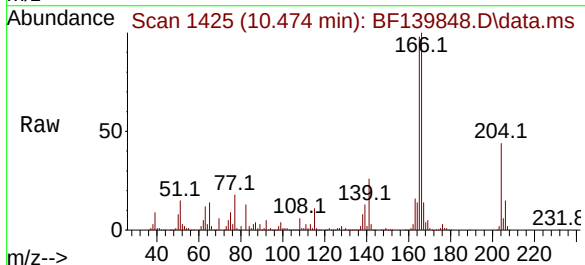
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

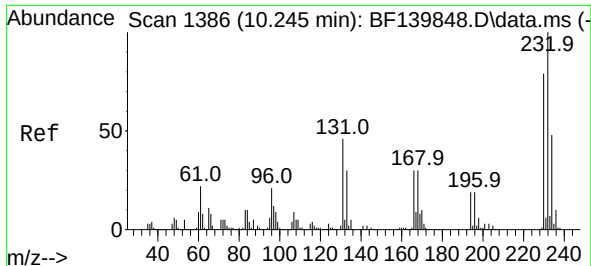
Tgt Ion:165 Resp: 270604
Ion Ratio Lower Upper
165 100
63 50.1 40.1 60.1
89 75.5 60.4 90.6
182 2.5 2.0 3.0



#58
Fluorene
Concen: 38.742 ng
RT: 10.474 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Tgt Ion:166 Resp: 843048
Ion Ratio Lower Upper
166 100
165 98.1 78.5 117.7
167 13.6 10.9 16.3

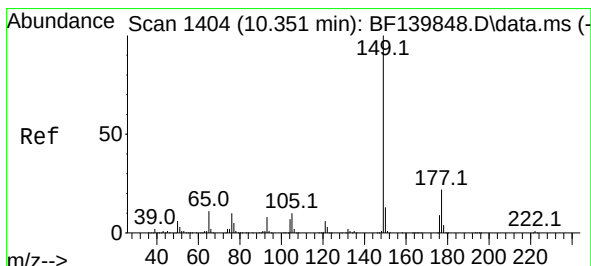
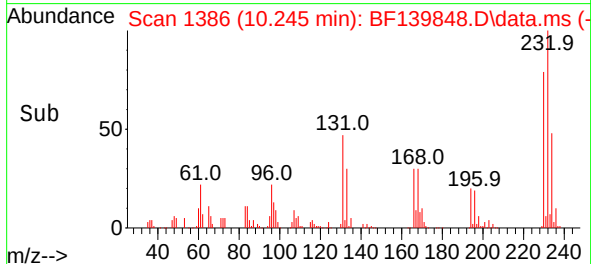
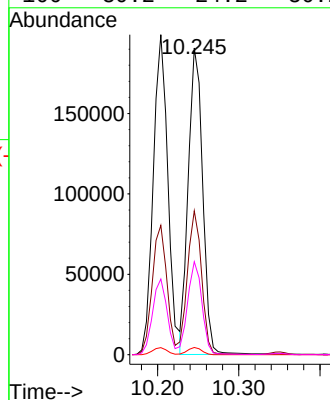
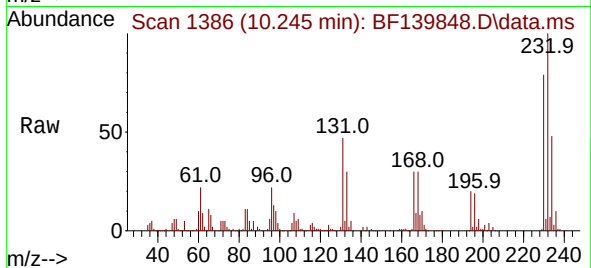




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.087 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

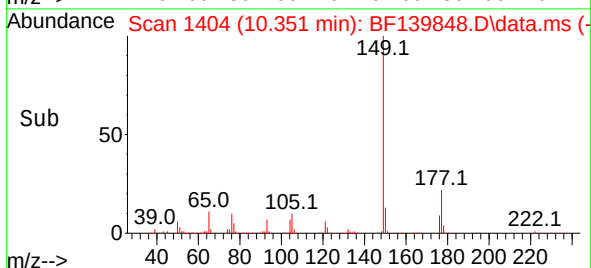
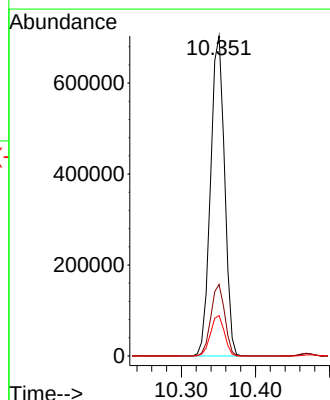
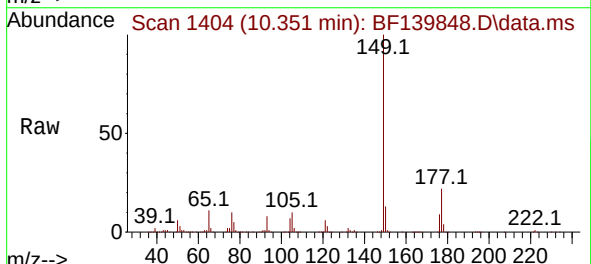
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

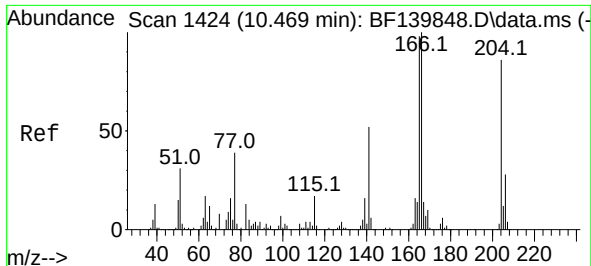
Tgt Ion:232 Resp: 235175
Ion Ratio Lower Upper
232 100
131 46.3 37.0 55.6
130 2.4 1.9 2.9
166 30.2 24.2 36.2



#60
Diethylphthalate
Concen: 39.715 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Tgt Ion:149 Resp: 922384
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.6 10.1 15.1

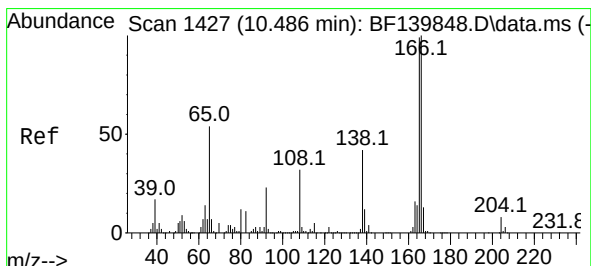
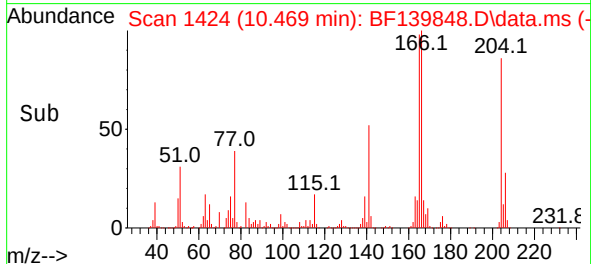
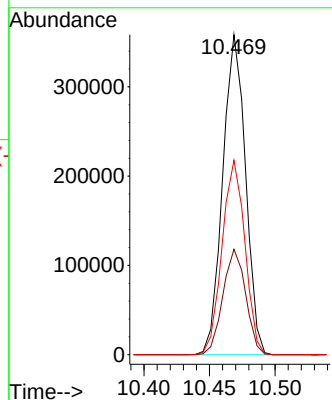
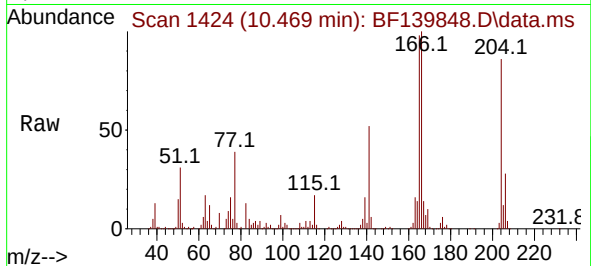




#61
4-Chlorophenyl-phenylether
Concen: 39.347 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

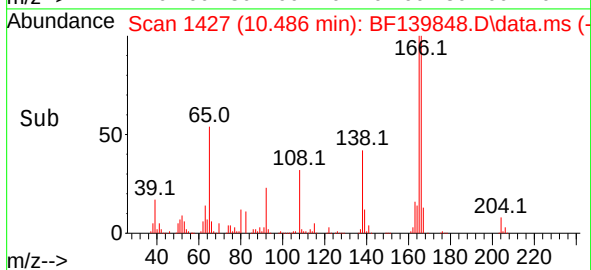
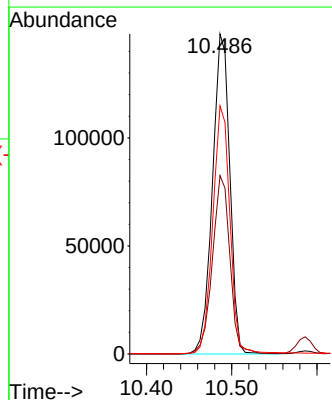
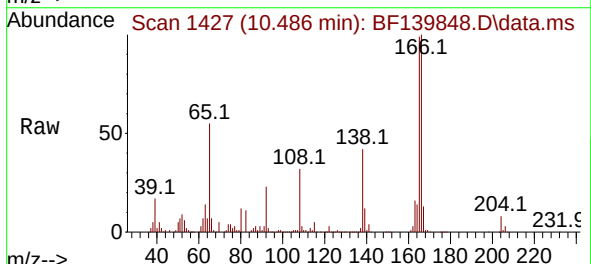
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

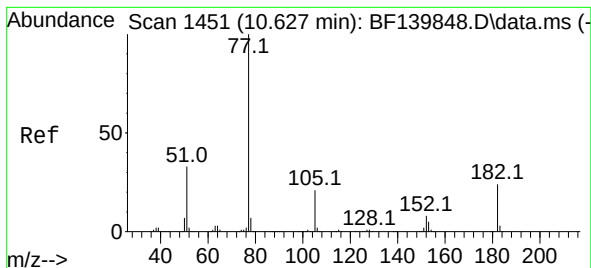
Tgt Ion:204 Resp: 432393
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 60.8 48.6 73.0



#62
4-Nitroaniline
Concen: 41.884 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Tgt Ion:138 Resp: 208926
Ion Ratio Lower Upper
138 100
92 55.7 35.7 75.7
108 77.5 57.5 97.5





#63

Azobenzene

Concen: 40.289 ng

RT: 10.627 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 991989

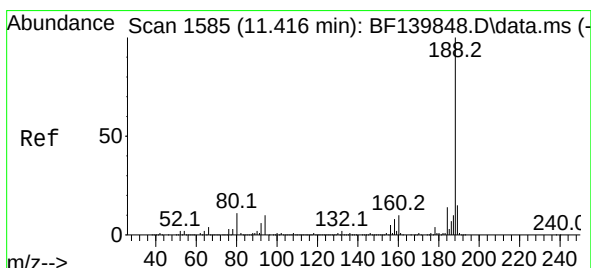
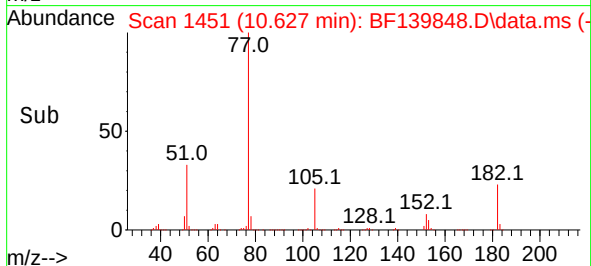
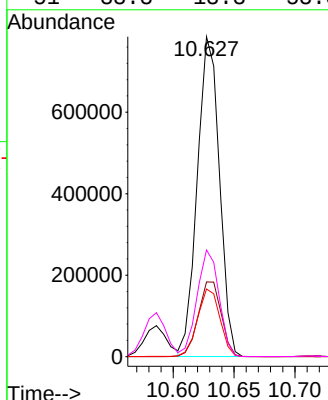
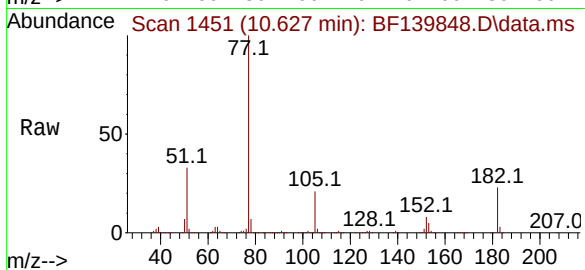
Ion Ratio Lower Upper

77 100

182 23.3 3.3 43.3

105 21.2 1.2 41.2

51 33.3 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

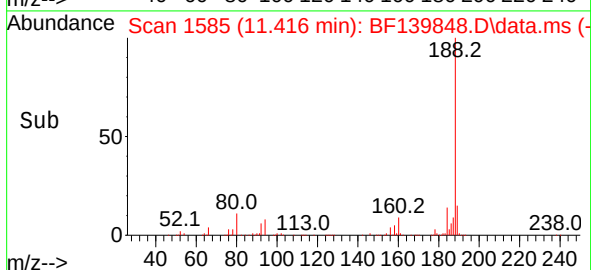
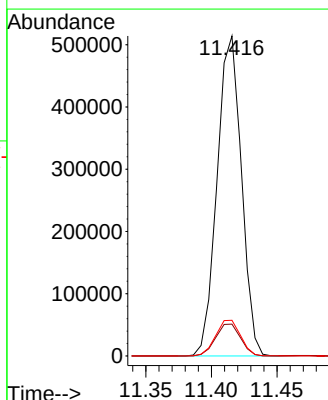
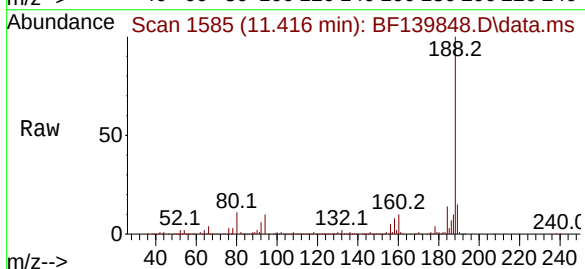
Tgt Ion:188 Resp: 663459

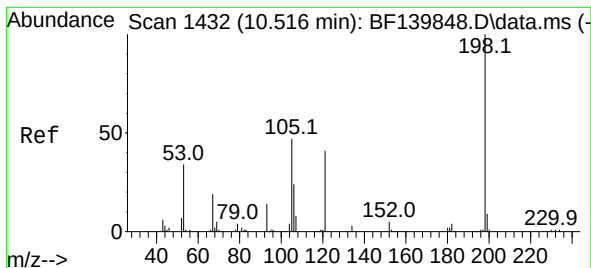
Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

80 11.2 9.0 13.4

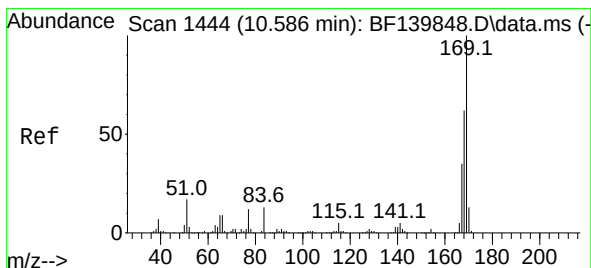
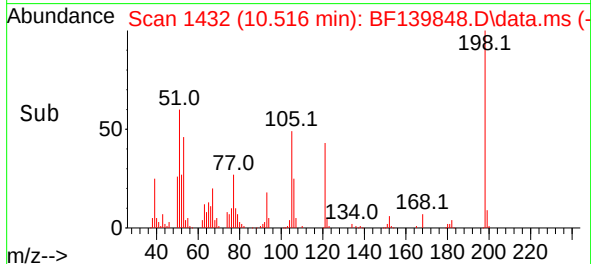
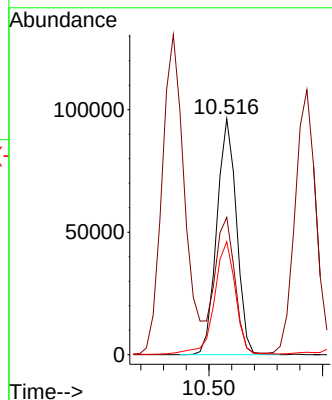
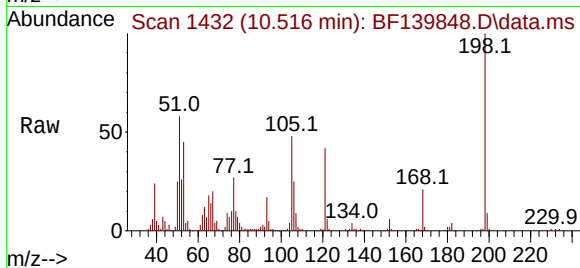




#65
4,6-Dinitro-2-methylphenol
Concen: 42.799 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

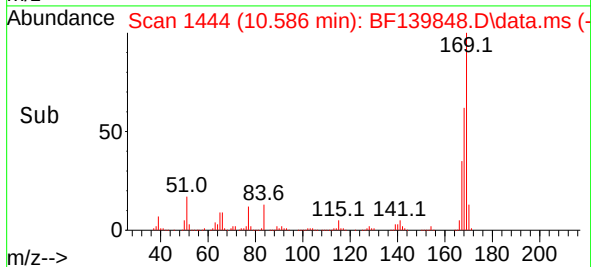
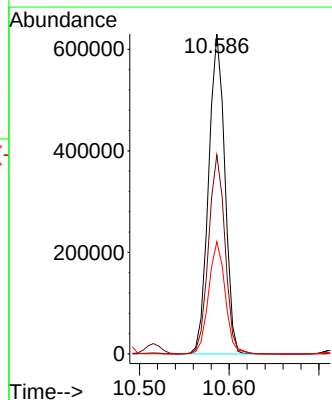
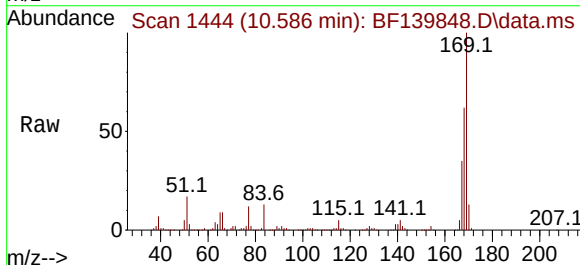
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

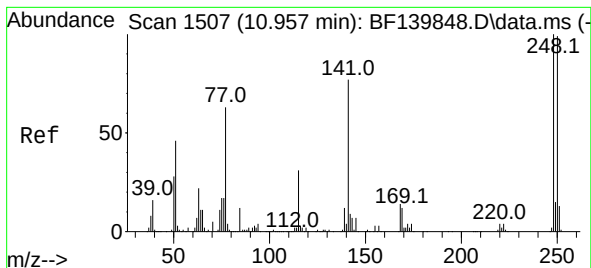
Tgt Ion:198 Resp: 115824
Ion Ratio Lower Upper
198 100
51 58.2 38.2 78.2
105 47.9 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 39.772 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Tgt Ion:169 Resp: 789753
Ion Ratio Lower Upper
169 100
168 62.2 49.8 74.6
167 35.0 28.0 42.0

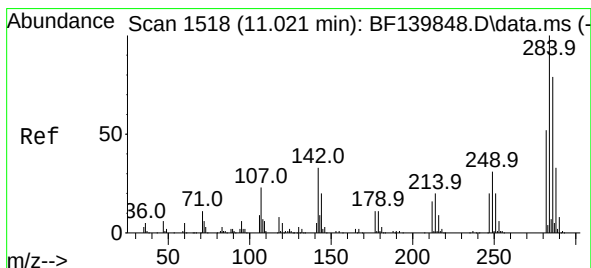
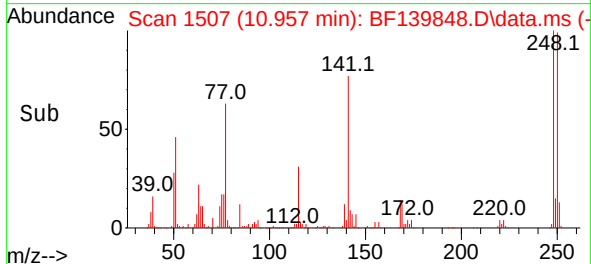
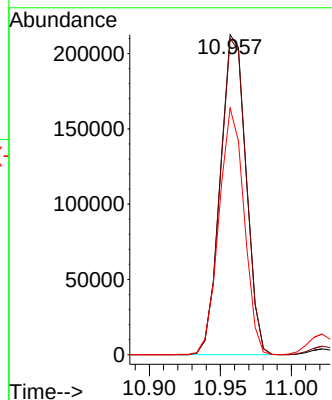
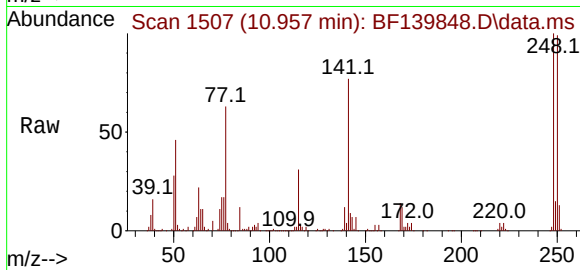




#67
4-Bromophenyl-phenylether
Concen: 39.285 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

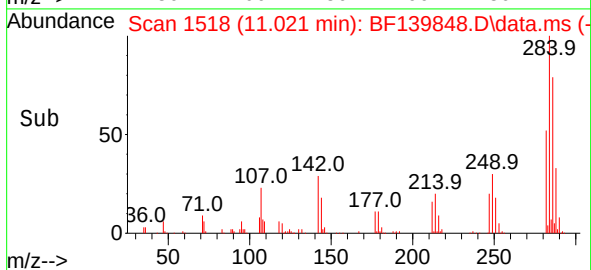
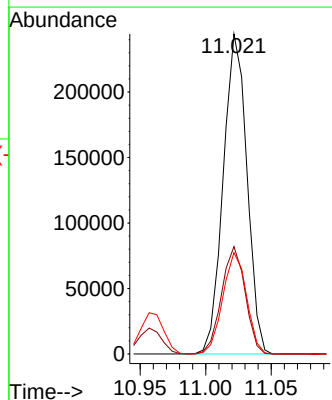
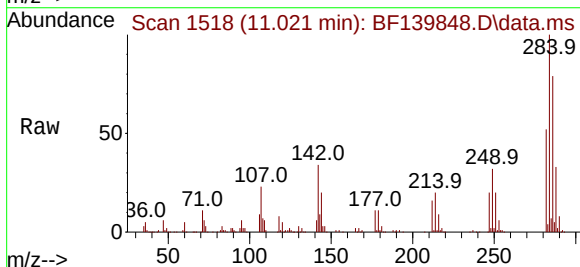
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

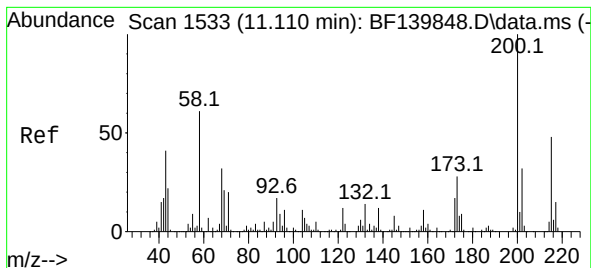
Tgt Ion:248 Resp: 268509
Ion Ratio Lower Upper
248 100
250 98.8 79.0 118.6
141 77.1 61.7 92.5



#68
Hexachlorobenzene
Concen: 39.927 ng
RT: 11.021 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Tgt Ion:284 Resp: 306919
Ion Ratio Lower Upper
284 100
142 33.6 26.9 40.3
249 31.6 25.3 37.9





#69

Atrazine

Concen: 43.145 ng

RT: 11.110 min Scan# 1533

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

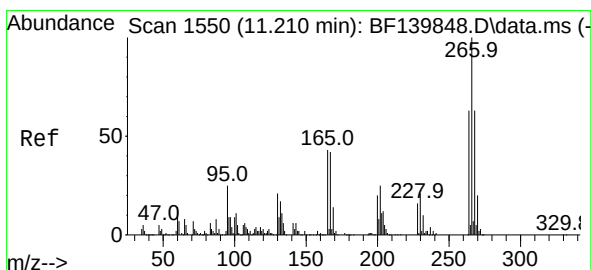
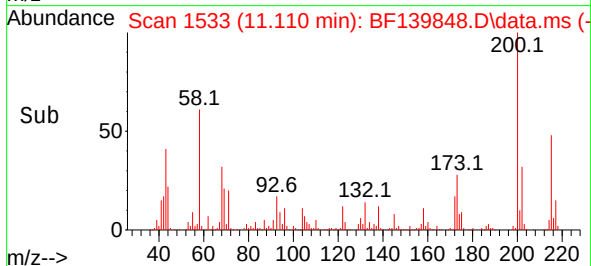
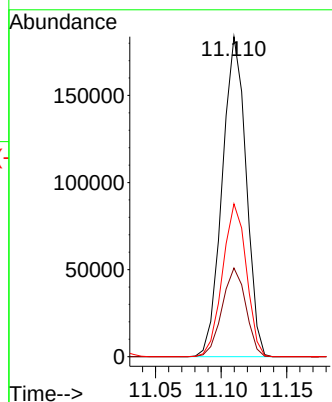
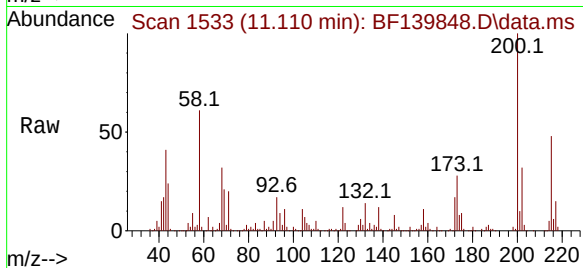
Tgt Ion:200 Resp: 232078

Ion Ratio Lower Upper

200 100

173 27.7 7.7 47.7

215 47.7 27.7 67.7



#70

Pentachlorophenol

Concen: 43.204 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

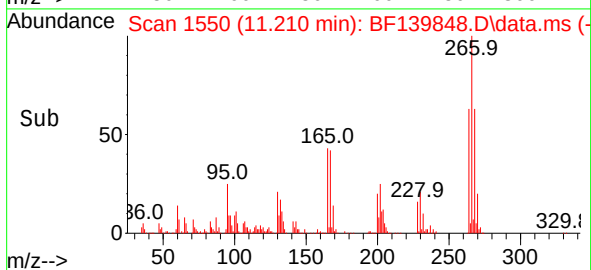
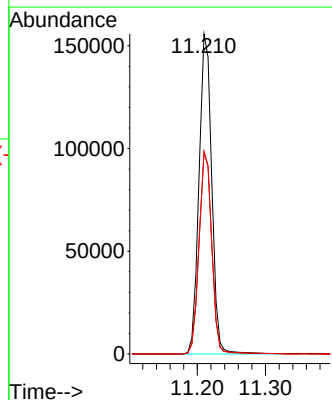
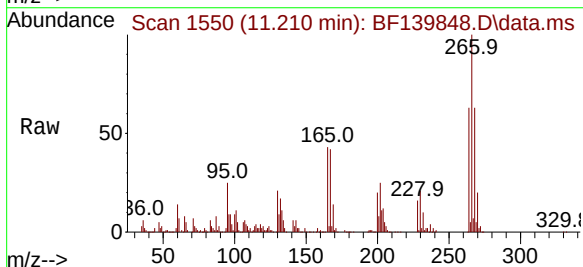
Tgt Ion:266 Resp: 201559

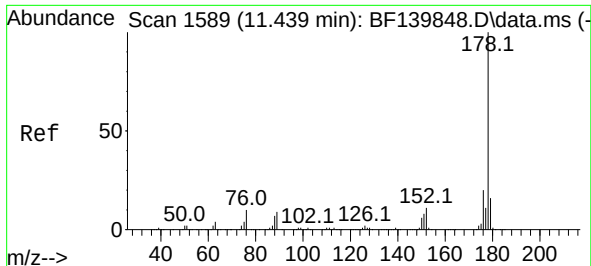
Ion Ratio Lower Upper

266 100

268 63.0 50.4 75.6

264 63.2 50.6 75.8

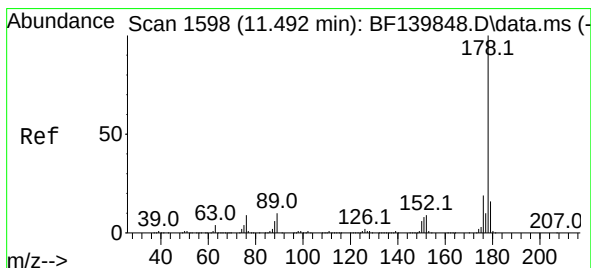
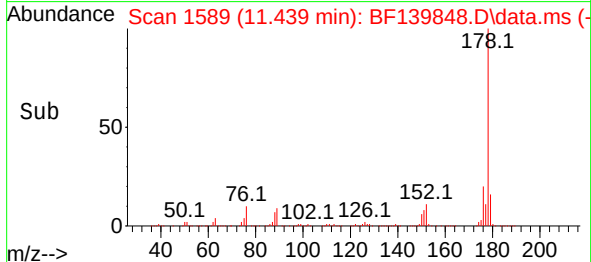
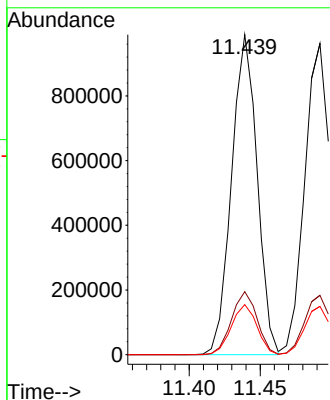
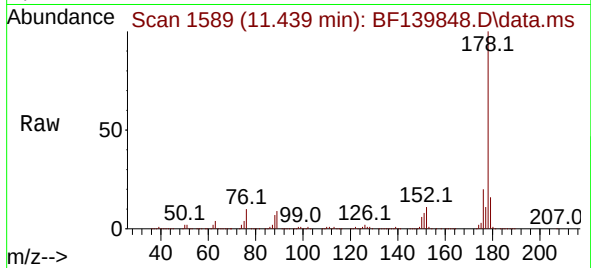




#71
Phenanthrene
Concen: 39.508 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

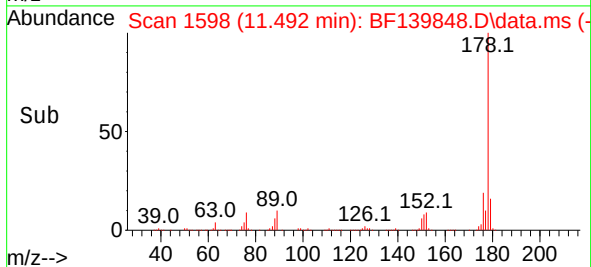
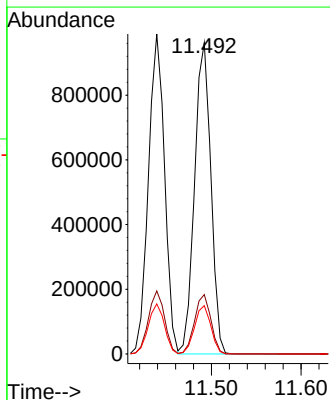
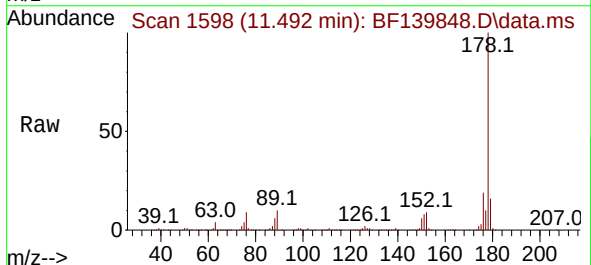
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

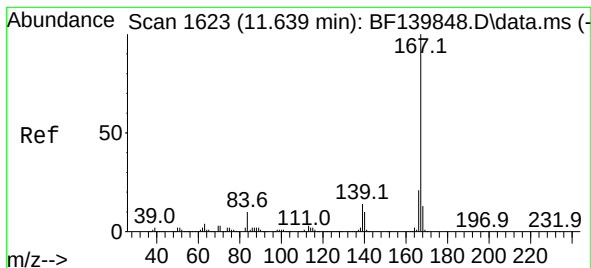
Tgt Ion:178 Resp: 1238155
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.7 12.6 18.8



#72
Anthracene
Concen: 39.628 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Tgt Ion:178 Resp: 1211718
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.5 12.4 18.6





#73

Carbazole

Concen: 39.475 ng

RT: 11.639 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

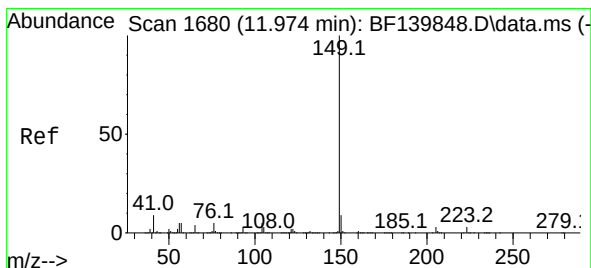
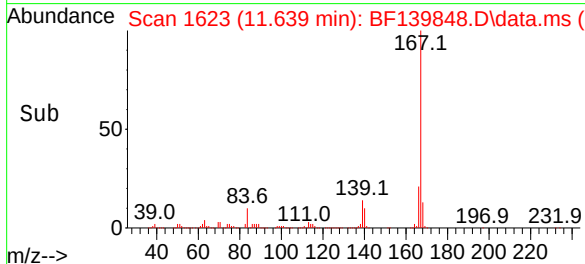
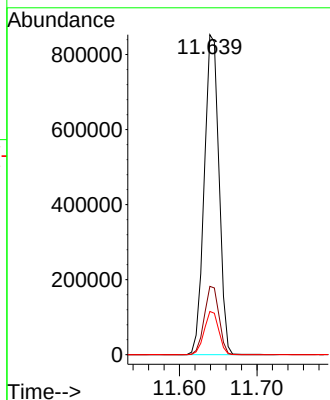
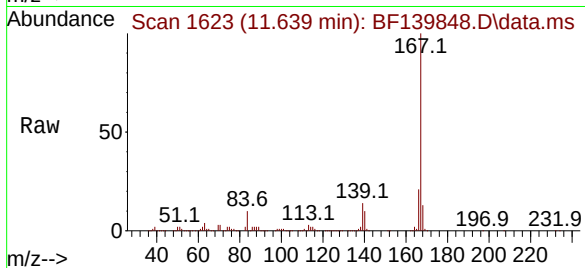
Tgt Ion:167 Resp: 1122566

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.6

139 13.5 10.8 16.2



#74

Di-n-butylphthalate

Concen: 40.965 ng

RT: 11.974 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

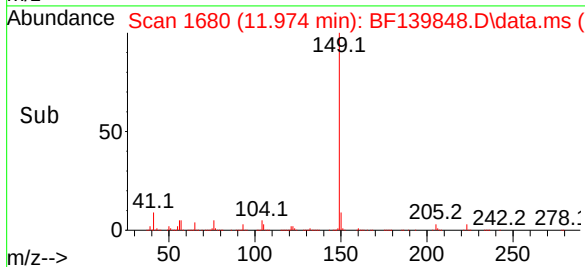
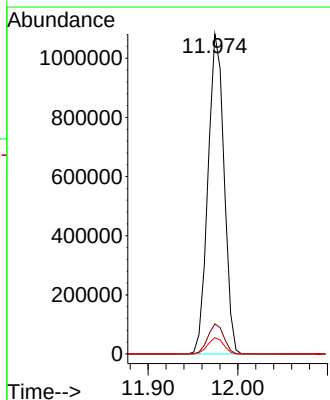
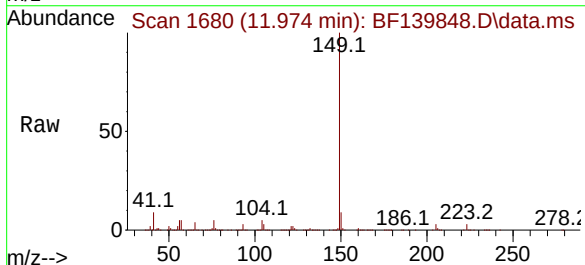
Tgt Ion:149 Resp: 1345878

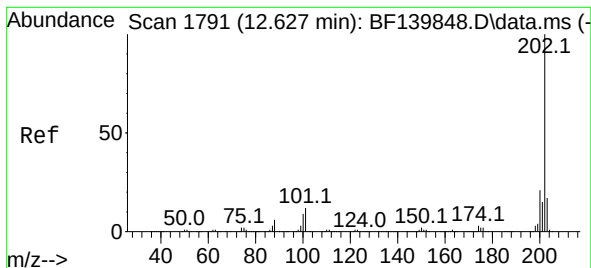
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 39.493 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

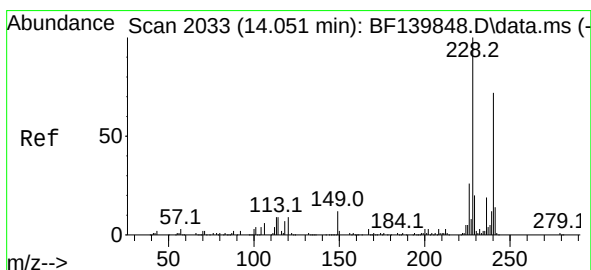
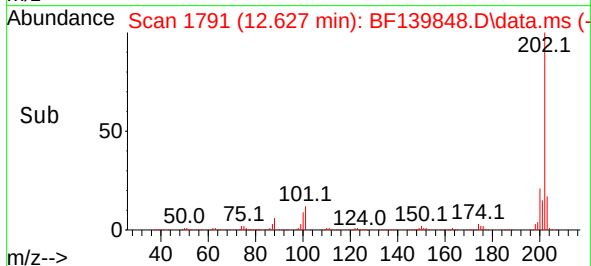
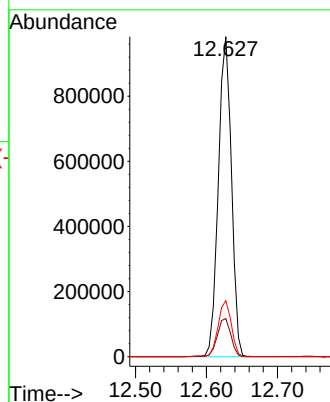
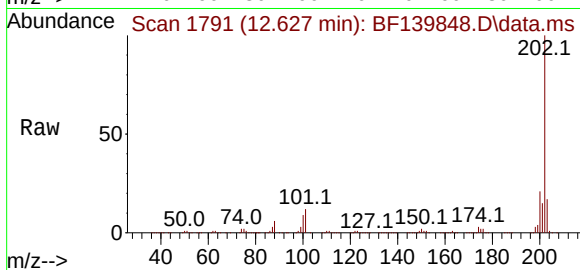
Tgt Ion:202 Resp: 1251202

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.9

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

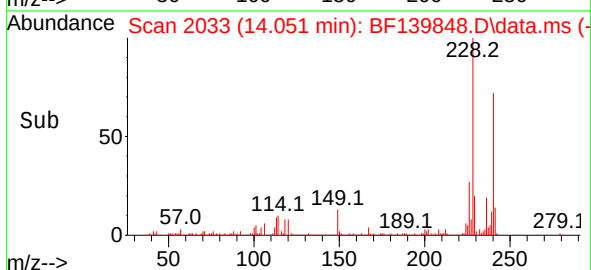
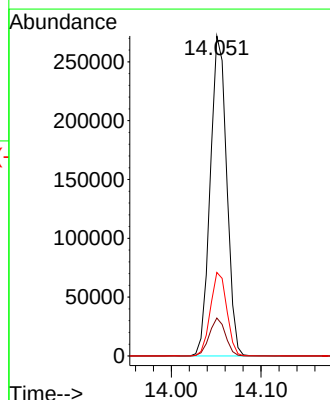
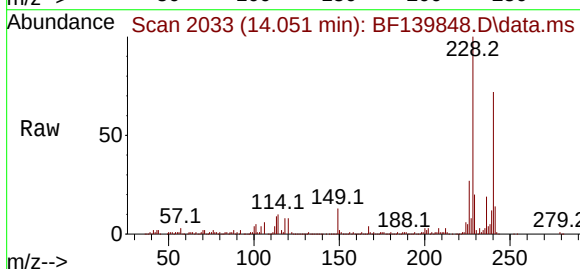
Tgt Ion:240 Resp: 345800

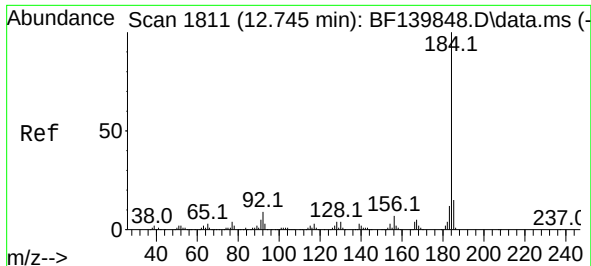
Ion Ratio Lower Upper

240 100

120 11.8 9.4 14.2

236 26.1 20.9 31.3

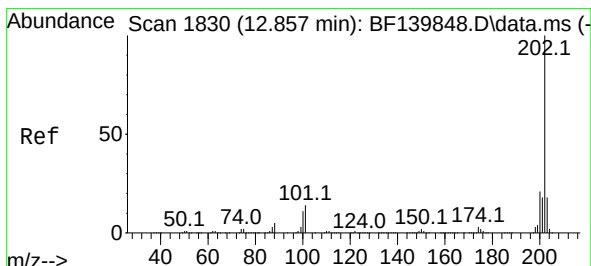
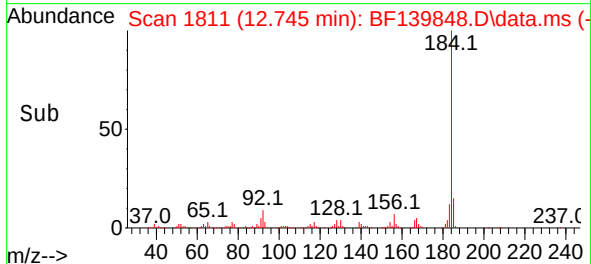
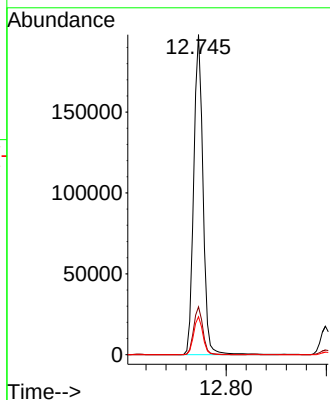
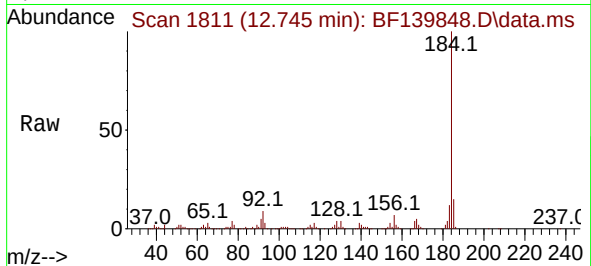




#77
Benzidine
Concen: 44.967 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

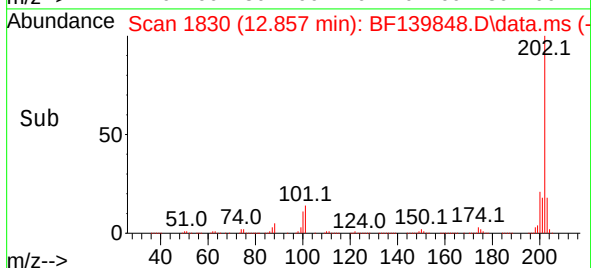
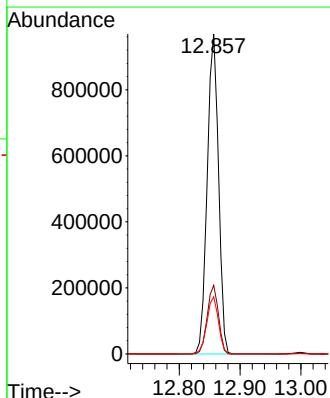
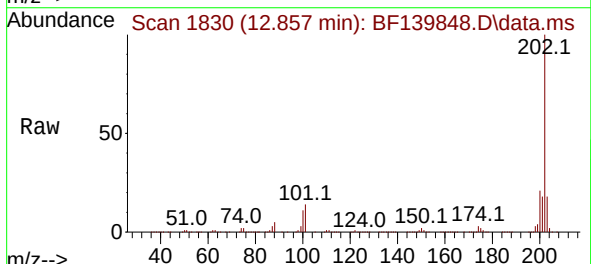
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

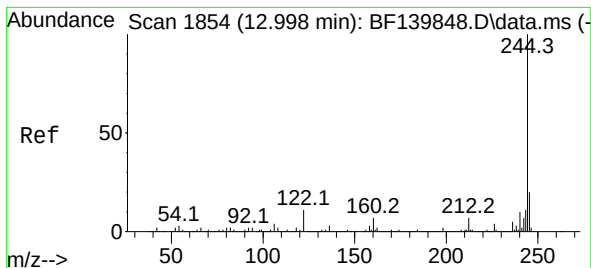
Tgt Ion:184 Resp: 252893
Ion Ratio Lower Upper
184 100
185 15.0 12.0 18.0
183 11.8 9.4 14.2



#78
Pyrene
Concen: 41.241 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Tgt Ion:202 Resp: 1248309
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 81.103 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

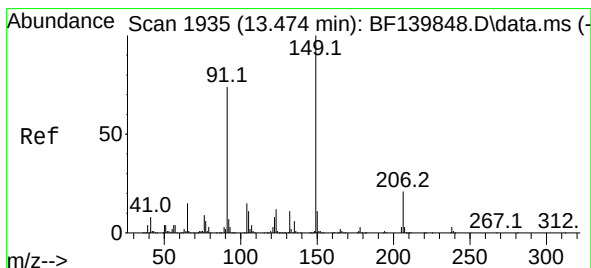
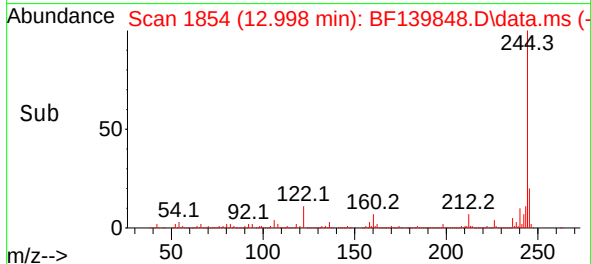
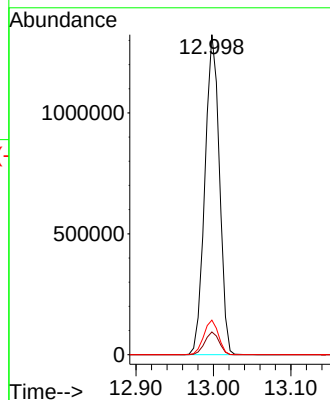
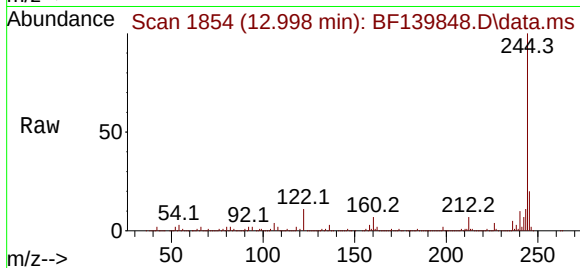
Tgt Ion:244 Resp: 1721125

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.8 8.6 13.0



#80

Butylbenzylphthalate

Concen: 42.297 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

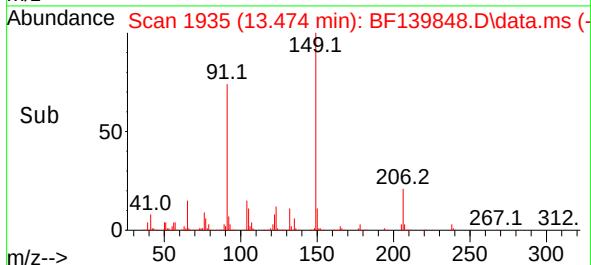
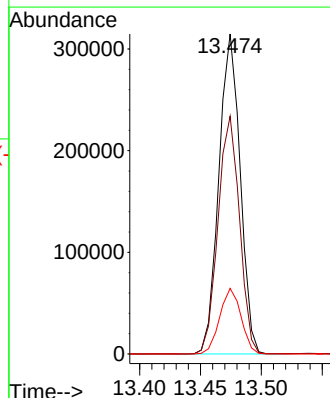
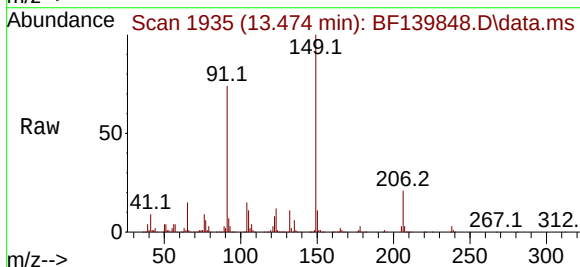
Tgt Ion:149 Resp: 383831

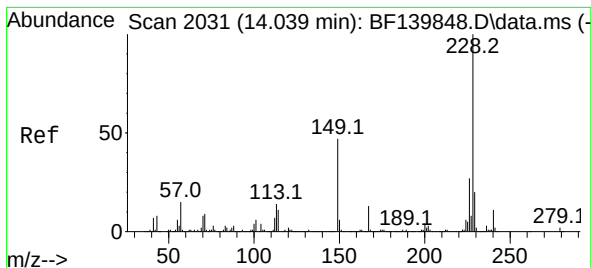
Ion Ratio Lower Upper

149 100

91 74.3 59.4 89.2

206 20.5 16.4 24.6





#81

Benzo(a)anthracene

Concen: 40.901 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

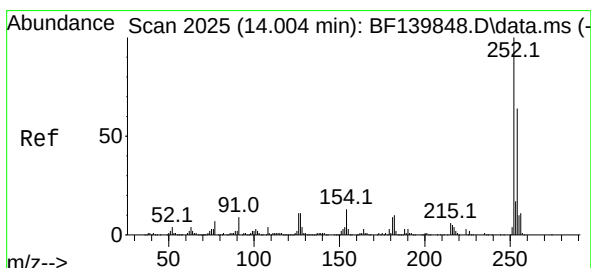
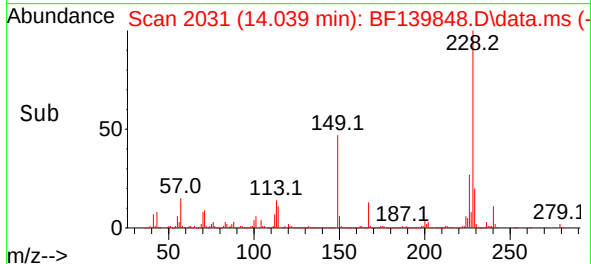
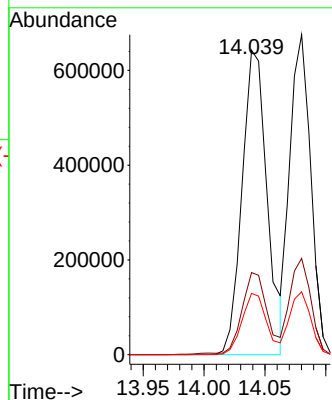
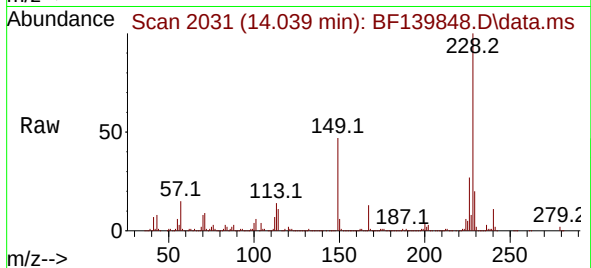
Tgt Ion:228 Resp: 920698

Ion Ratio Lower Upper

228 100

226 27.0 21.6 32.4

229 20.1 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 40.798 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

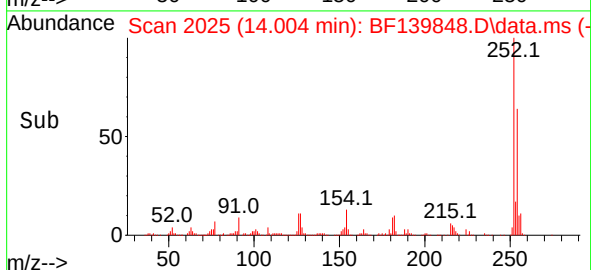
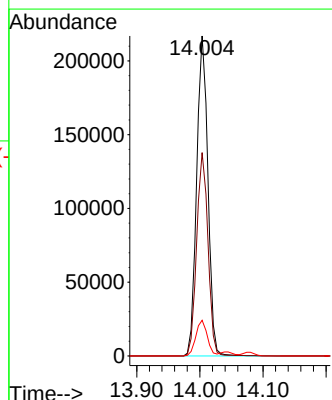
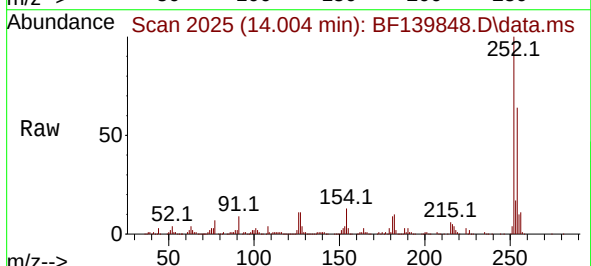
Tgt Ion:252 Resp: 267769

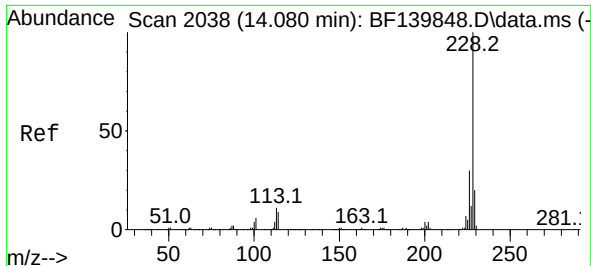
Ion Ratio Lower Upper

252 100

254 63.5 50.8 76.2

126 11.1 8.9 13.3

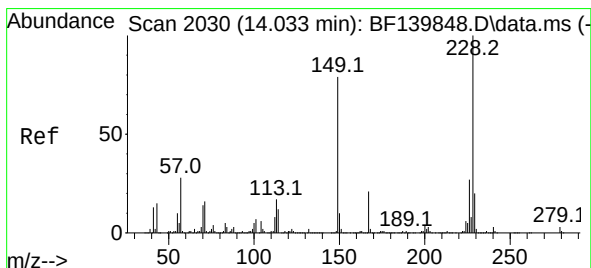
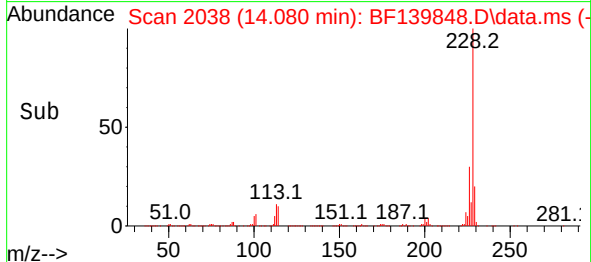
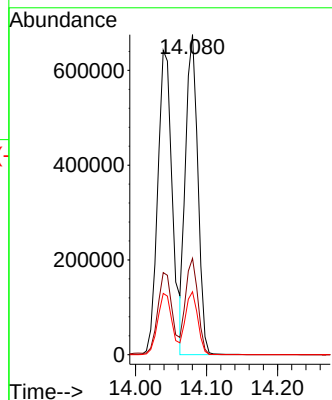
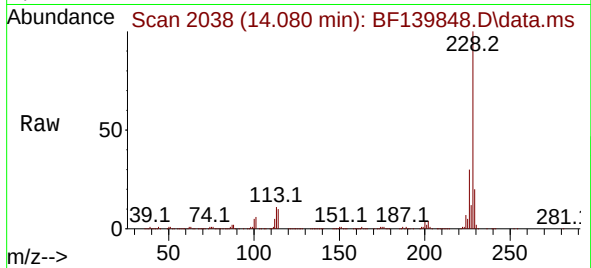




#83
Chrysene
Concen: 39.098 ng
RT: 14.080 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

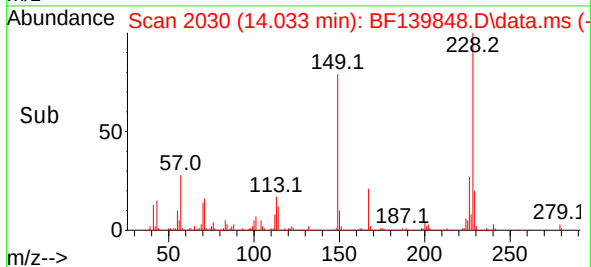
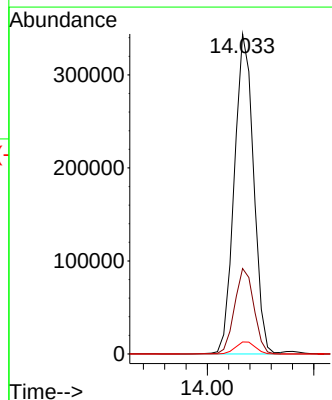
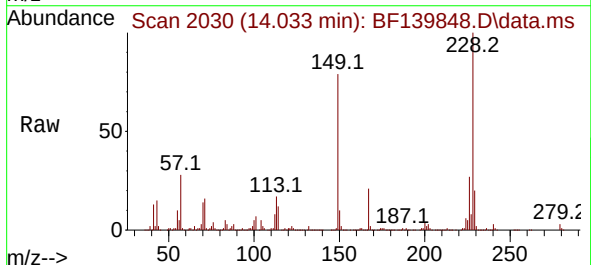
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

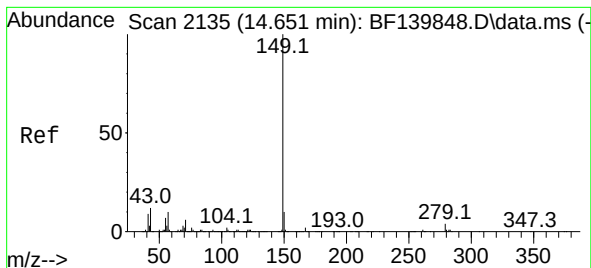
Tgt Ion:228 Resp: 806950
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 19.7 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.504 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Tgt Ion:149 Resp: 432750
Ion Ratio Lower Upper
149 100
167 26.7 21.4 32.0
279 3.7 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 42.399 ng

RT: 14.651 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

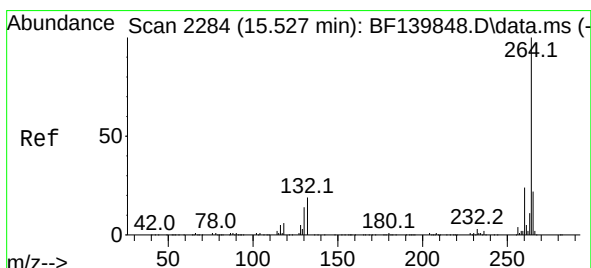
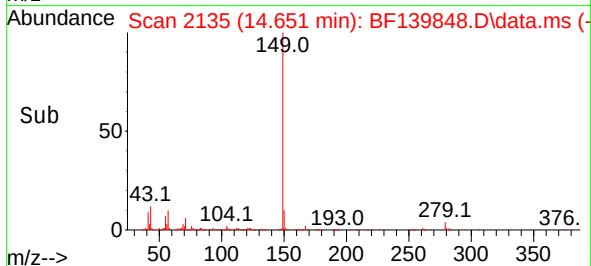
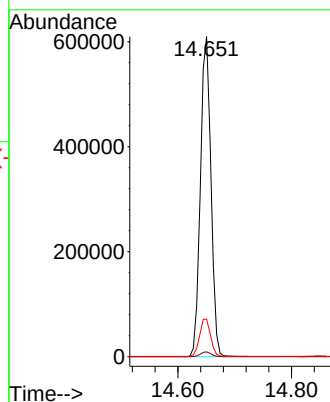
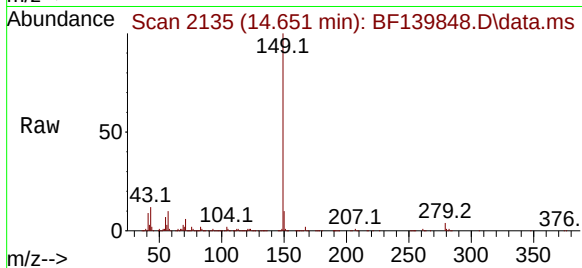
Tgt Ion:149 Resp: 785179

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.2 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

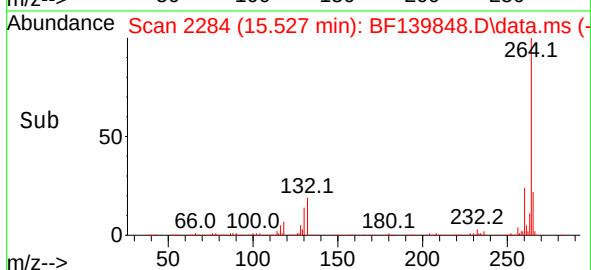
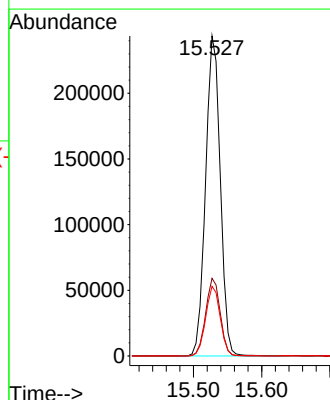
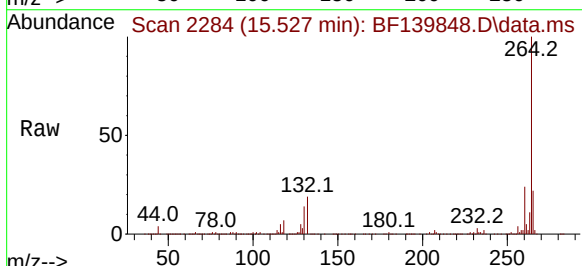
Tgt Ion:264 Resp: 365076

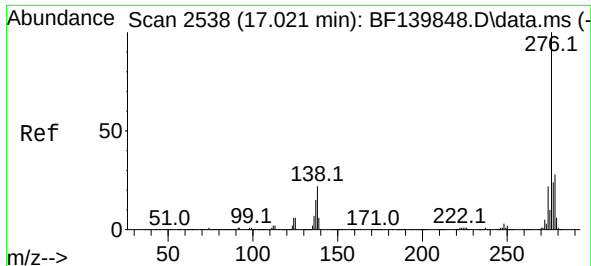
Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.039 ng

RT: 17.021 min Scan# 2538

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

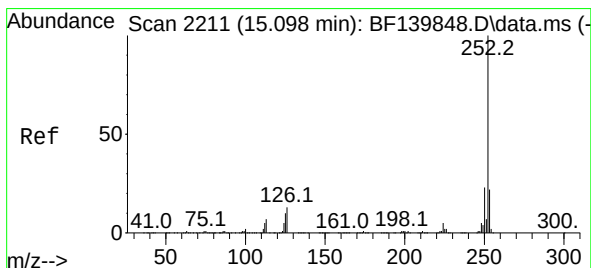
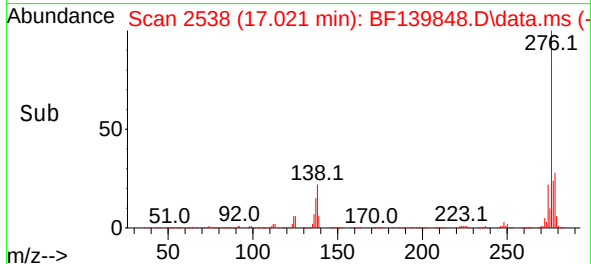
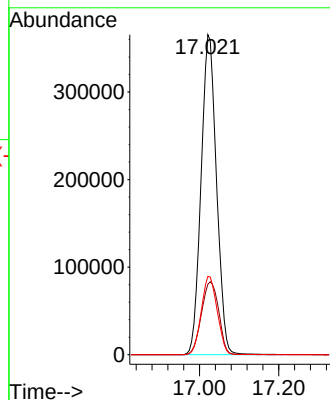
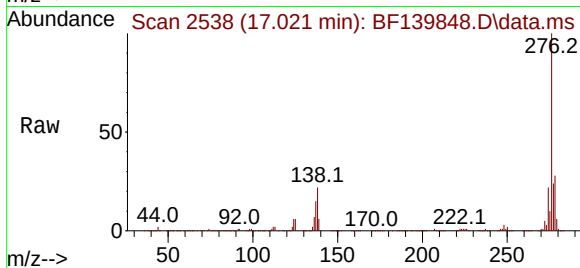
Tgt Ion:276 Resp: 987345

Ion Ratio Lower Upper

276 100

138 25.5 20.4 30.6

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 39.263 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

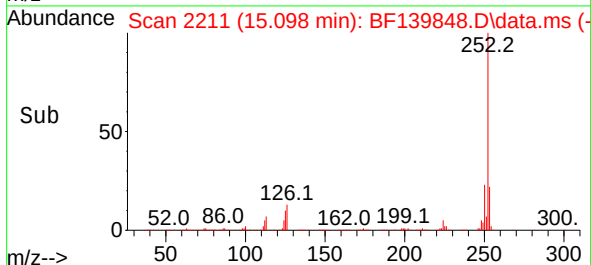
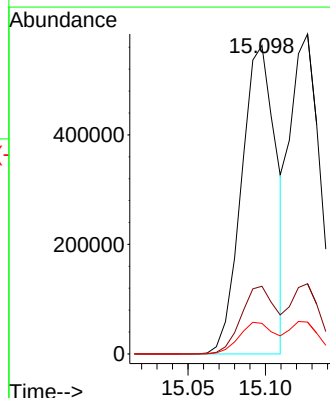
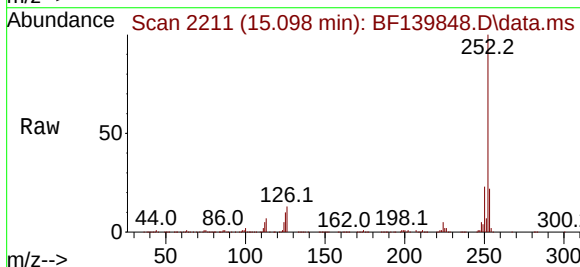
Tgt Ion:252 Resp: 873168

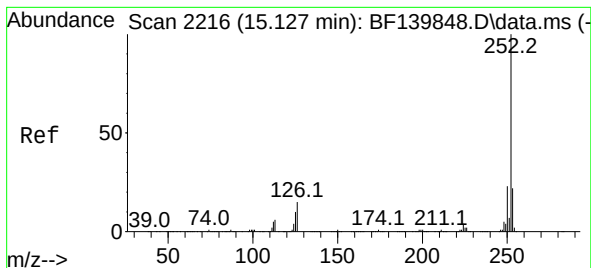
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.9 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 40.589 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

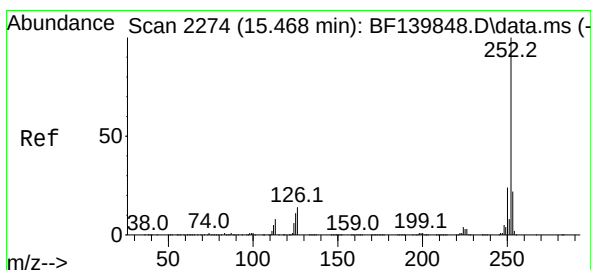
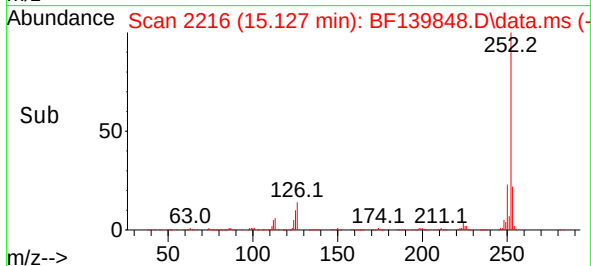
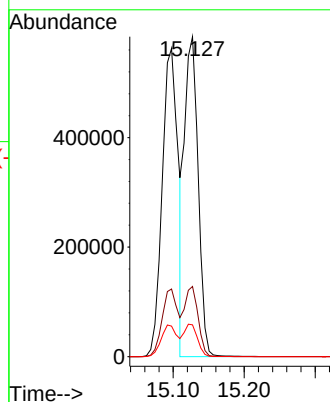
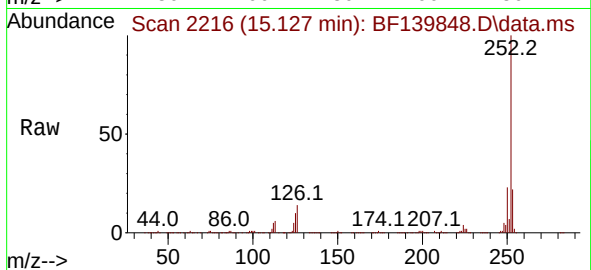
Tgt Ion:252 Resp: 778470

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.9 7.9 11.9



#90

Benzo(a)pyrene

Concen: 40.905 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139848.D

Acq: 18 Oct 2024 12:20

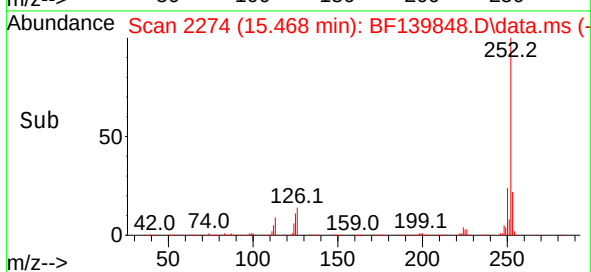
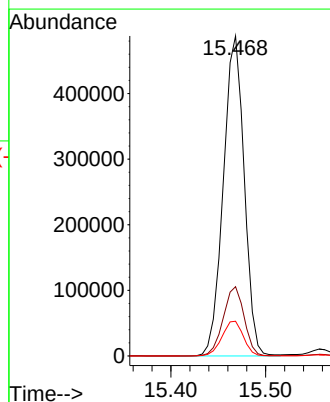
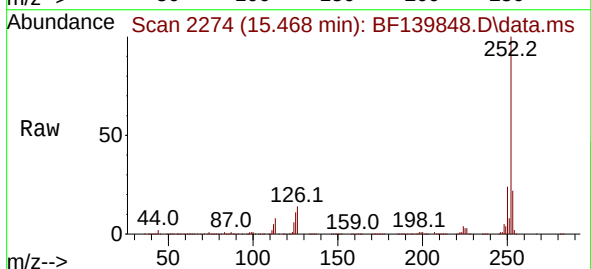
Tgt Ion:252 Resp: 748507

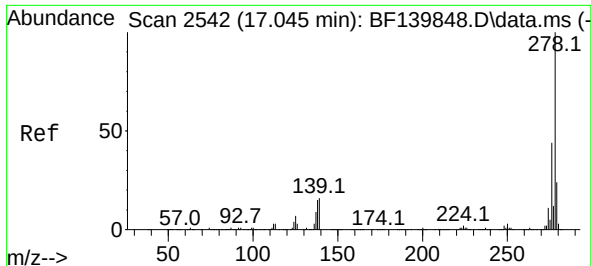
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 10.9 8.7 13.1

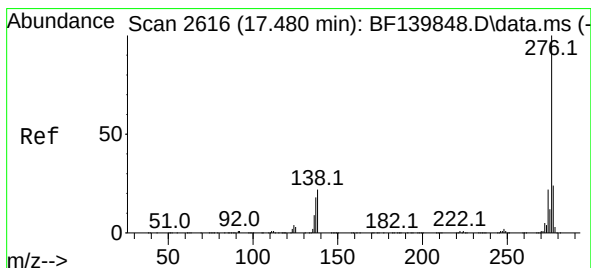
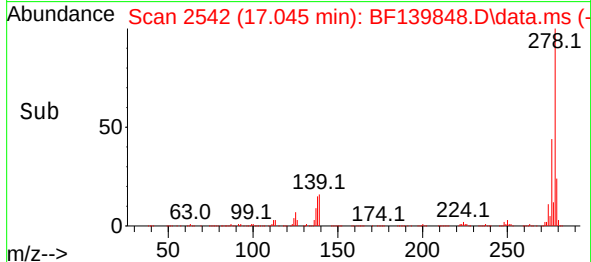
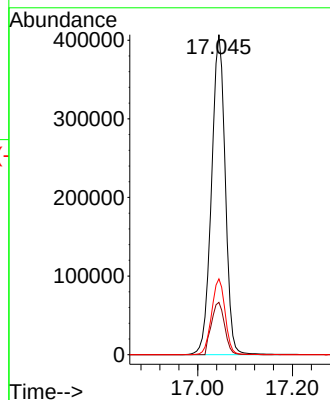
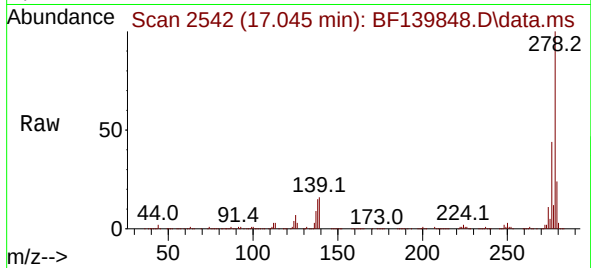




#91
Dibenzo(a,h)anthracene
Concen: 41.752 ng
RT: 17.045 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 818044
Ion Ratio Lower Upper
278 100
139 16.4 13.1 19.7
279 23.7 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 42.090 ng
RT: 17.480 min Scan# 2616
Delta R.T. 0.000 min
Lab File: BF139848.D
Acq: 18 Oct 2024 12:20

Tgt Ion:276 Resp: 823727
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 21.7 17.4 26.0

