

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139849.D
 Acq On : 18 Oct 2024 12:49
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Oct 18 14:19:35 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	197235	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	739665	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	405194	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	694873	20.000	ng	0.00
76) Chrysene-d12	14.051	240	349496	20.000	ng	0.00
86) Perylene-d12	15.527	264	390757	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1162820	92.295	ng	0.00
7) Phenol-d6	6.510	99	1517079	92.972	ng	0.00
23) Nitrobenzene-d5	7.457	82	1310450	98.193	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	362330	95.600	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2204460	89.915	ng	0.00
79) Terphenyl-d14	12.998	244	2015874	93.988	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	281572	47.933	ng	99
3) Pyridine	3.446	79	683175	46.920	ng	99
4) n-Nitrosodimethylamine	3.404	42	385387	49.264	ng	97
6) Aniline	6.557	93	725204	47.686	ng	98
8) 2-Chlorophenol	6.675	128	597810	46.414	ng	98
9) Benzaldehyde	6.439	77	430623	46.911	ng	100
10) Phenol	6.528	94	812768	47.459	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	617014	47.453	ng	99
12) 1,3-Dichlorobenzene	6.834	146	686600	46.439	ng	99
13) 1,4-Dichlorobenzene	6.910	146	686616	46.483	ng	99
14) 1,2-Dichlorobenzene	7.063	146	627851	45.543	ng	99
15) Benzyl Alcohol	7.028	79	569012	47.538	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1043921	47.084	ng	100
17) 2-Methylphenol	7.134	107	519035	47.259	ng	99
18) Hexachloroethane	7.404	117	250100	47.480	ng	100
19) n-Nitroso-di-n-propyla...	7.310	70	454173	45.892	ng	99
20) 3+4-Methylphenols	7.292	107	645650	45.961	ng	# 88
22) Acetophenone	7.304	105	835908	46.140	ng	97
24) Nitrobenzene	7.475	77	707970	48.385	ng	100
25) Isophorone	7.710	82	1205277	47.583	ng	99
26) 2-Nitrophenol	7.786	139	292634	53.013	ng	99
27) 2,4-Dimethylphenol	7.822	122	439040	47.699	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	728968	47.500	ng	100
29) 2,4-Dichlorophenol	8.028	162	502930	47.971	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	550757	47.476	ng	99
31) Naphthalene	8.198	128	1770616	46.415	ng	100
32) Benzoic acid	7.933	122	426532	53.131	ng	100
33) 4-Chloroaniline	8.245	127	613822	47.189	ng	99
34) Hexachlorobutadiene	8.316	225	343002	47.058	ng	100
35) Caprolactam	8.616	113	162260	48.675	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	553487	47.678	ng	99
37) 2-Methylnaphthalene	8.886	142	1085491	46.462	ng	99
38) 1-Methylnaphthalene	8.986	142	1052879	45.933	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	518960	47.474	ng	99
41) Hexachlorocyclopentadiene	9.039	237	188234	49.488	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	367373	47.468	ng	99

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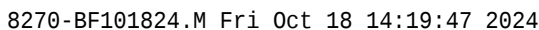
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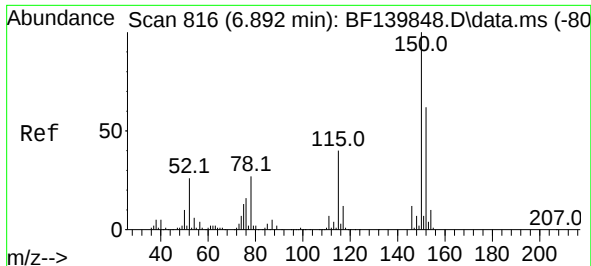
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	385963	48.336	ng	98
46) 1,1'-Biphenyl	9.351	154	1301562	46.143	ng	99
47) 2-Chloronaphthalene	9.375	162	1061417	46.720	ng	99
48) 2-Nitroaniline	9.469	65	358283	51.564	ng	97
49) Acenaphthylene	9.792	152	1526583	46.479	ng	99
50) Dimethylphthalate	9.651	163	1187472	47.050	ng	99
51) 2,6-Dinitrotoluene	9.710	165	277023	50.693	ng	99
52) Acenaphthene	9.963	154	989603	46.576	ng	100
53) 3-Nitroaniline	9.880	138	279467	49.591	ng	100
54) 2,4-Dinitrophenol	9.980	184	102786	48.105	ng	# 18
55) Dibenzofuran	10.133	168	1407211	46.162	ng	99
56) 4-Nitrophenol	10.022	139	221410	51.068	ng	97
57) 2,4-Dinitrotoluene	10.110	165	348628	51.878	ng	97
58) Fluorene	10.480	166	1042268	44.889	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	300306	47.975	ng	99
60) Diethylphthalate	10.351	149	1180411	47.634	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	532654	45.427	ng	98
62) 4-Nitroaniline	10.492	138	266320	50.037	ng	99
63) Azobenzene	10.633	77	1231644	46.881	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	156461	55.202	ng	94
66) n-Nitrosodiphenylamine	10.586	169	987295	47.472	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	341790	47.746	ng	97
68) Hexachlorobenzene	11.027	284	376968	46.823	ng	98
69) Atrazine	11.110	200	234998	41.713	ng	99
70) Pentachlorophenol	11.216	266	252064	51.587	ng	98
71) Phenanthrene	11.439	178	1500010	45.700	ng	99
72) Anthracene	11.492	178	1478655	46.172	ng	99
73) Carbazole	11.645	167	1348098	45.263	ng	99
74) Di-n-butylphthalate	11.974	149	1602928	46.583	ng	100
75) Fluoranthene	12.627	202	1462936	44.089	ng	99
77) Benzidine	12.745	184	240940	42.388	ng	99
78) Pyrene	12.857	202	1471893	48.113	ng	100
80) Butylbenzylphthalate	13.474	149	467242	50.944	ng	100
81) Benzo(a)anthracene	14.045	228	1107235	48.667	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	326706	49.251	ng	98
83) Chrysene	14.080	228	990517	47.484	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	541828	52.655	ng	100
85) Di-n-octyl phthalate	14.651	149	1033054	55.195	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	1268552	50.463	ng	100
88) Benzo(b)fluoranthene	15.098	252	1079928	45.369	ng	100
89) Benzo(k)fluoranthene	15.127	252	1006425	49.026	ng	99
90) Benzo(a)pyrene	15.468	252	951346	48.573	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	1058119	50.456	ng	100
92) Benzo(g,h,i)perylene	17.480	276	1055618	50.394	ng	99

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

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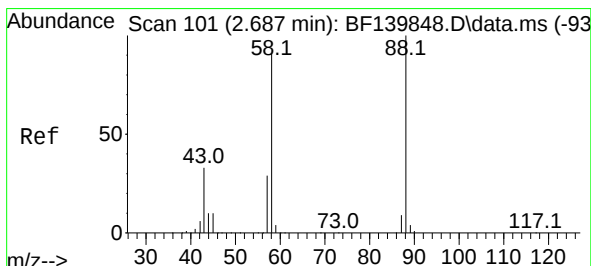
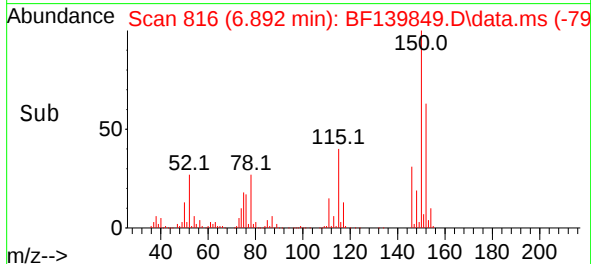
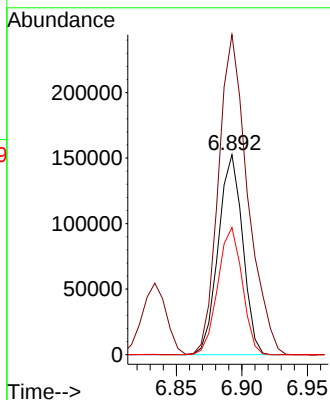
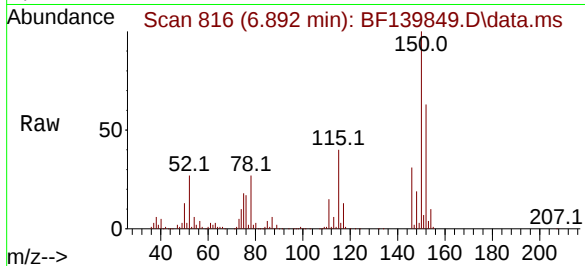




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

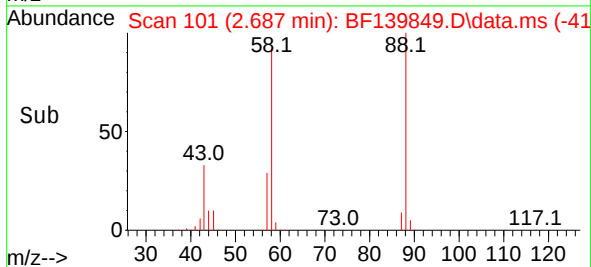
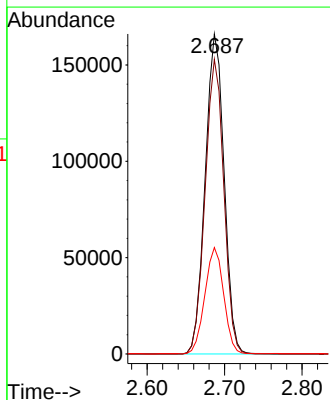
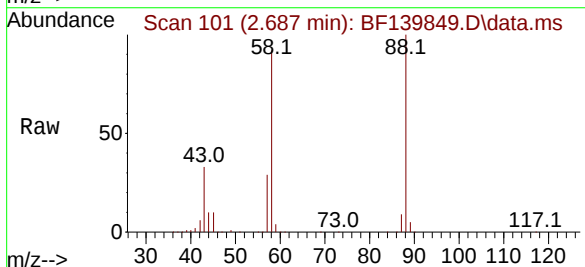
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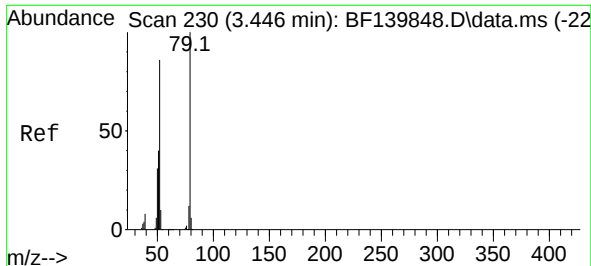
Tgt Ion:152 Resp: 197235
Ion Ratio Lower Upper
152 100
150 160.0 130.2 195.2
115 63.6 51.4 77.2



#2
1,4-Dioxane
Concen: 47.933 ng
RT: 2.687 min Scan# 101
Delta R.T. 0.000 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

Tgt Ion: 88 Resp: 281572
Ion Ratio Lower Upper
88 100
58 91.1 73.3 109.9
43 33.2 27.1 40.7





#3

Pyridine

Concen: 46.920 ng

RT: 3.446 min Scan# 24

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

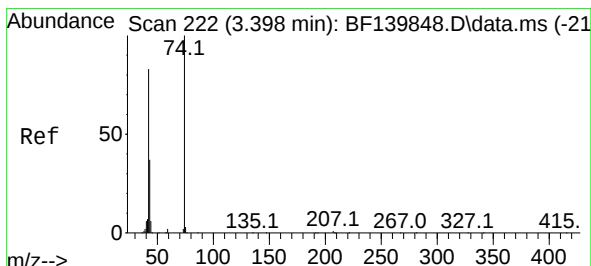
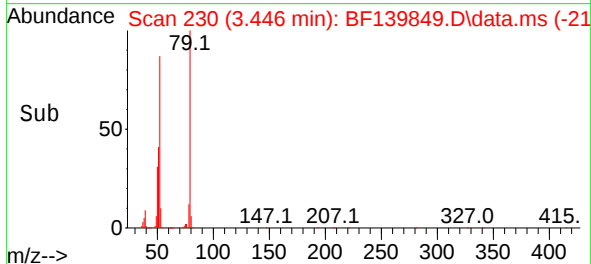
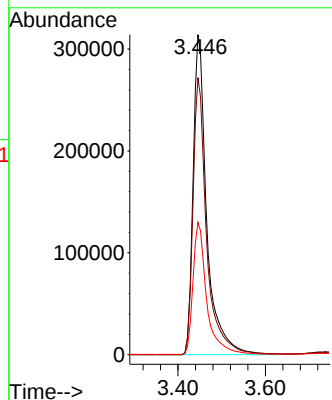
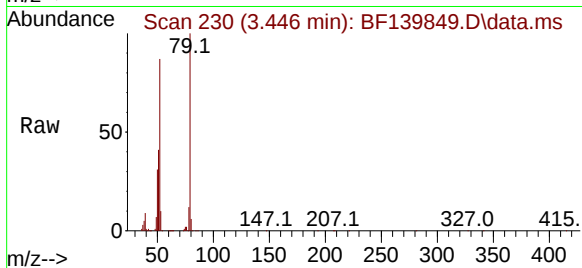
Tgt Ion: 79 Resp: 683175

Ion Ratio Lower Upper

79 100

52 86.6 68.5 102.7

51 41.3 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 49.264 ng

RT: 3.404 min Scan# 223

Delta R.T. 0.006 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

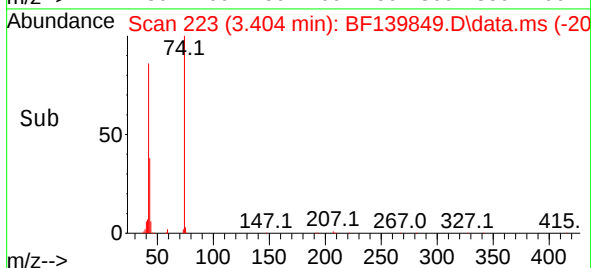
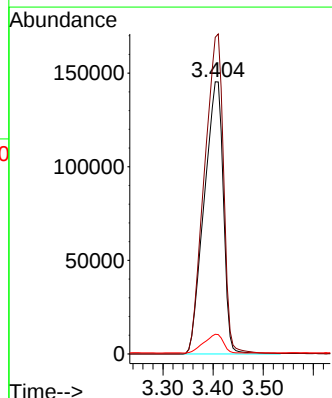
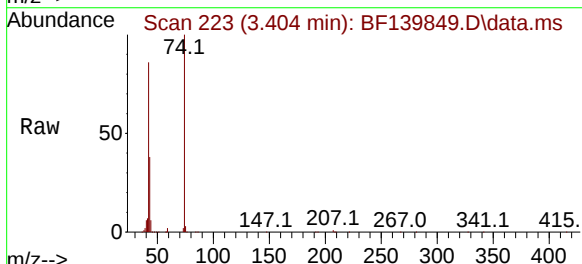
Tgt Ion: 42 Resp: 385387

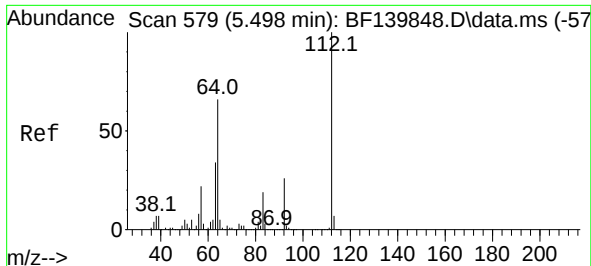
Ion Ratio Lower Upper

42 100

74 116.3 96.2 144.4

44 7.2 6.2 9.2

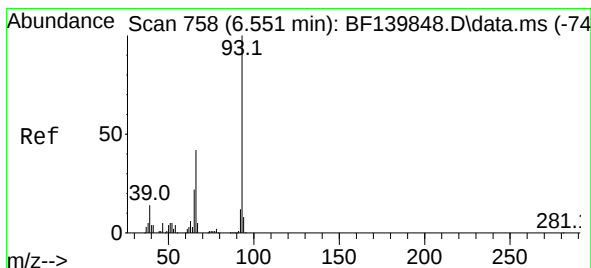
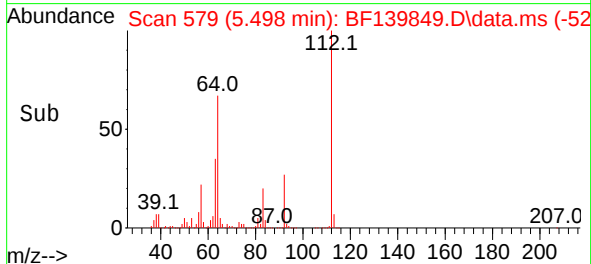
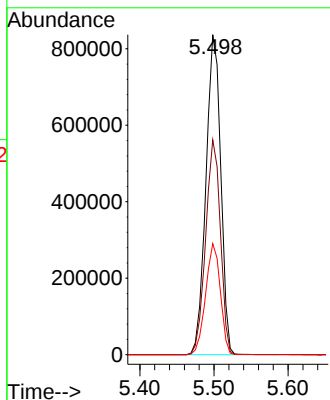
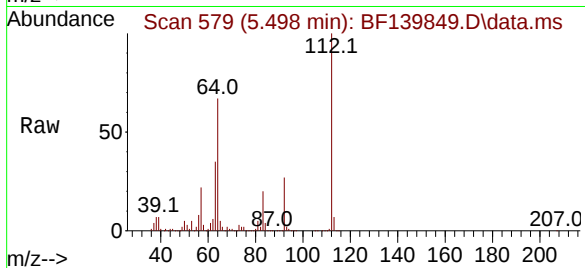




#5
2-Fluorophenol
Concen: 92.295 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

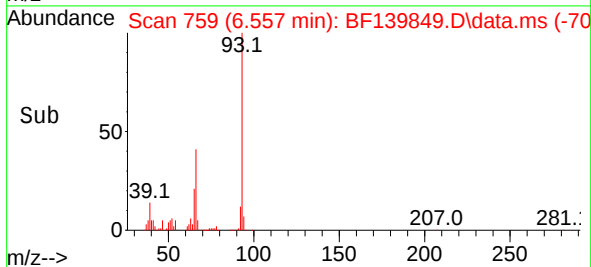
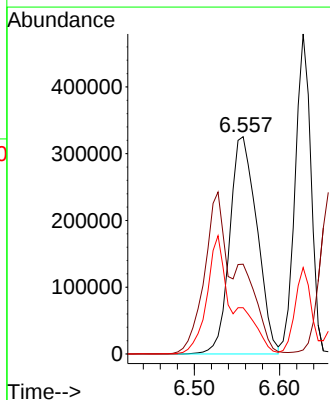
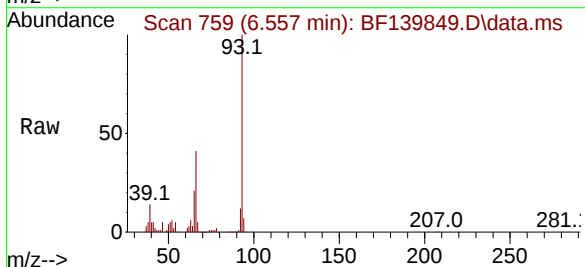
Instrument :
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ClientSampleId :
SSTDICC050

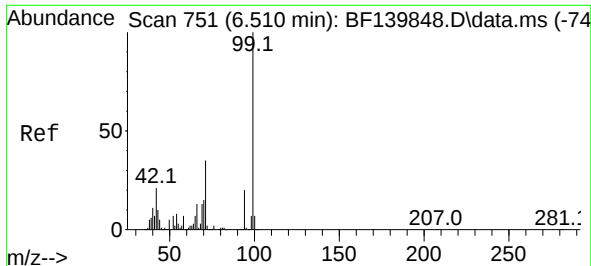
Tgt Ion:112 Resp: 1162820
Ion Ratio Lower Upper
112 100
64 67.1 53.0 79.6
63 34.7 27.0 40.4



#6
Aniline
Concen: 47.686 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

Tgt Ion: 93 Resp: 725204
Ion Ratio Lower Upper
93 100
66 41.3 34.0 51.0
65 21.3 17.4 26.0





#7

Phenol-d6

Concen: 92.972 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

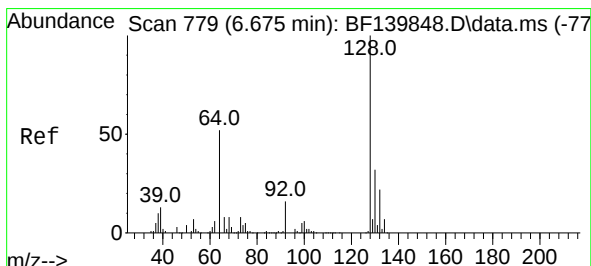
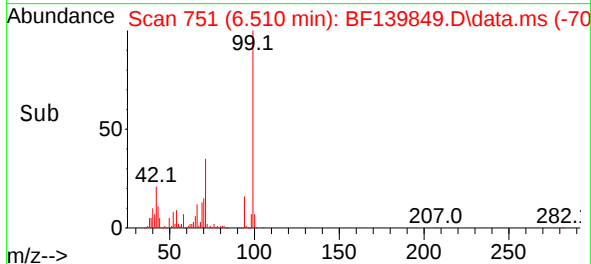
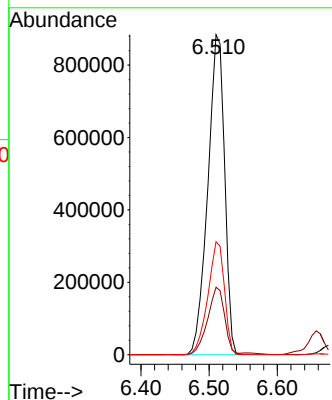
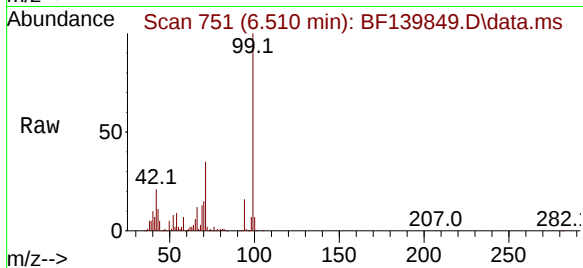
Tgt Ion: 99 Resp: 1517079

Ion Ratio Lower Upper

99 100

42 21.0 16.7 25.1

71 35.3 27.7 41.5



#8

2-Chlorophenol

Concen: 46.414 ng

RT: 6.675 min Scan# 779

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

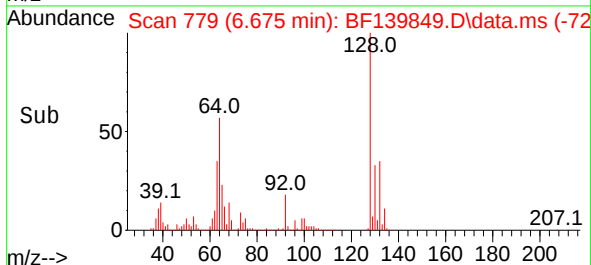
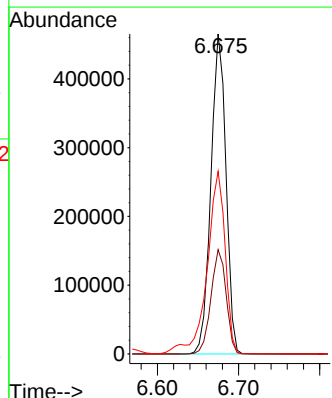
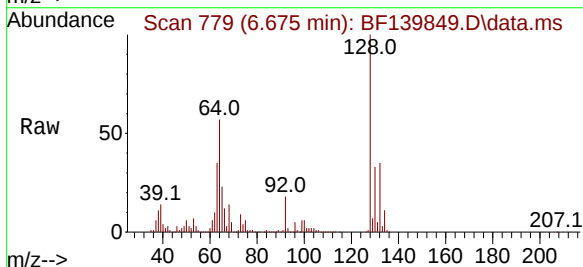
Tgt Ion:128 Resp: 597810

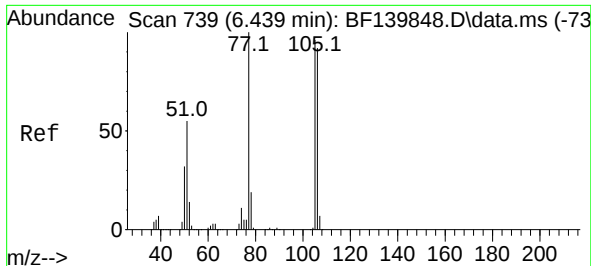
Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

64 57.0 34.6 74.6

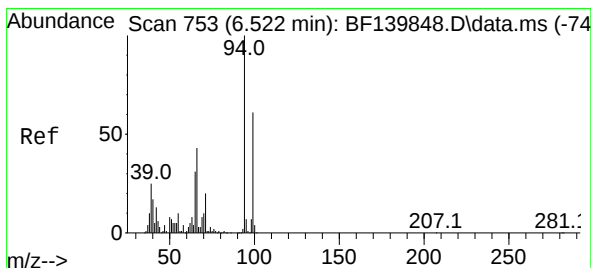
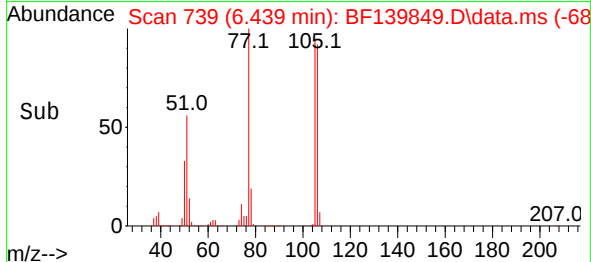
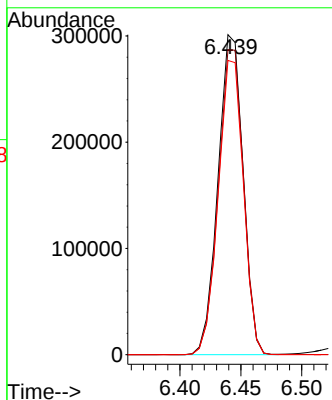
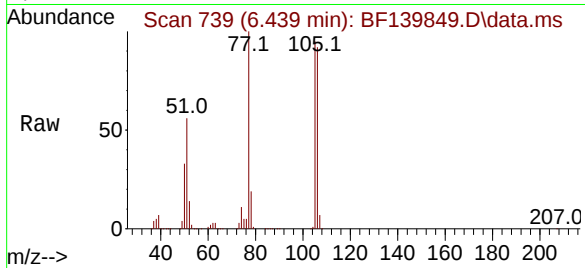




#9
Benzaldehyde
Concen: 46.911 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

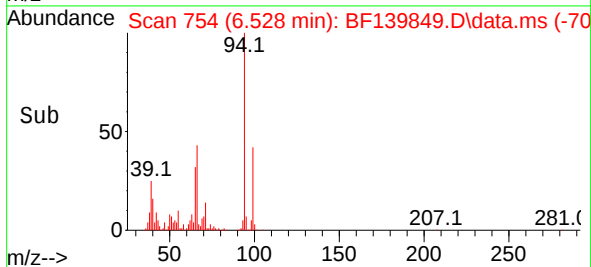
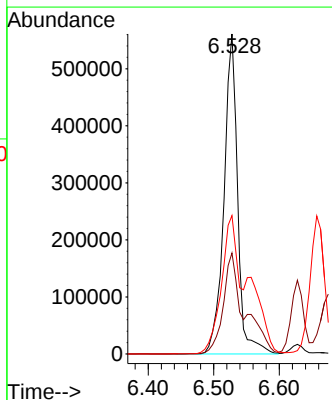
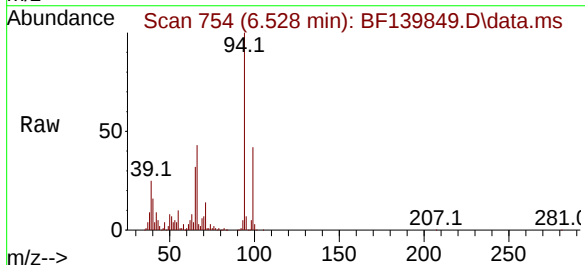
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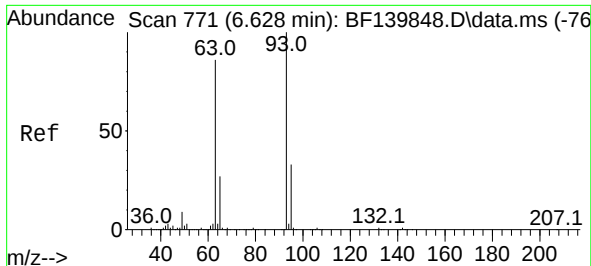
Tgt Ion: 77 Resp: 430623
Ion Ratio Lower Upper
77 100
105 95.2 75.5 115.5
106 92.0 71.7 111.7



#10
Phenol
Concen: 47.459 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

Tgt Ion: 94 Resp: 812768
Ion Ratio Lower Upper
94 100
65 31.6 11.1 51.1
66 43.3 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 47.453 ng

RT: 6.628 min Scan# 771

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

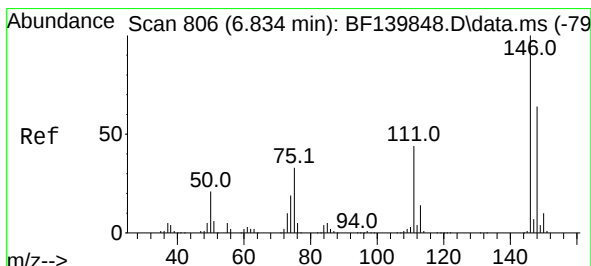
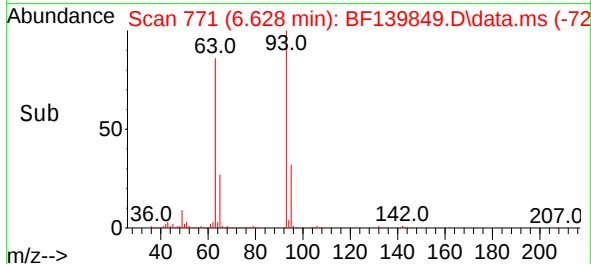
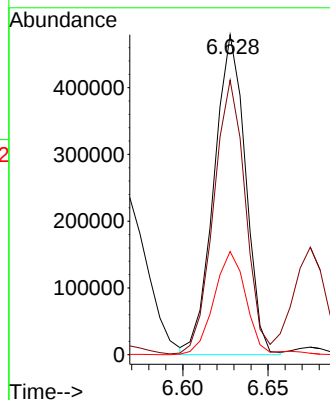
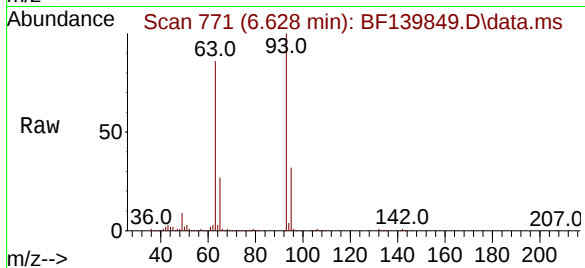
Tgt Ion: 93 Resp: 617014

Ion Ratio Lower Upper

93 100

63 85.8 65.0 105.0

95 32.2 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 46.439 ng

RT: 6.834 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

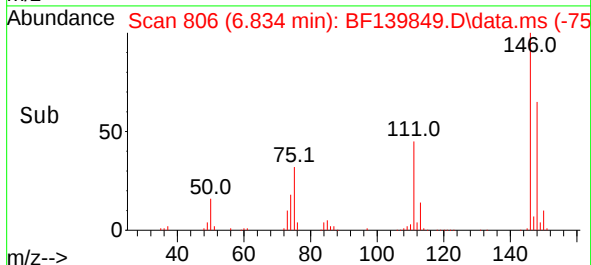
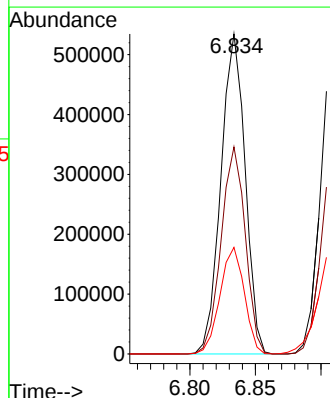
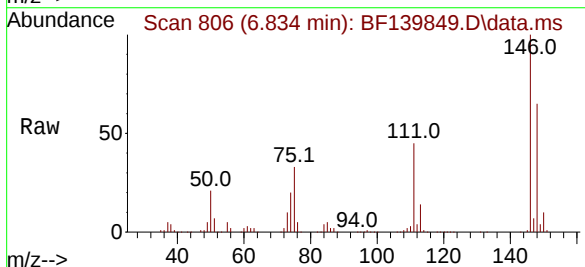
Tgt Ion:146 Resp: 686600

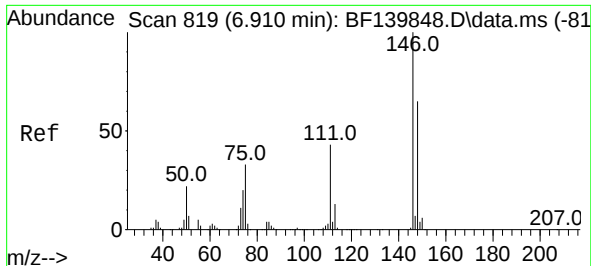
Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.4

75 33.3 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 46.483 ng

RT: 6.910 min Scan# 819

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

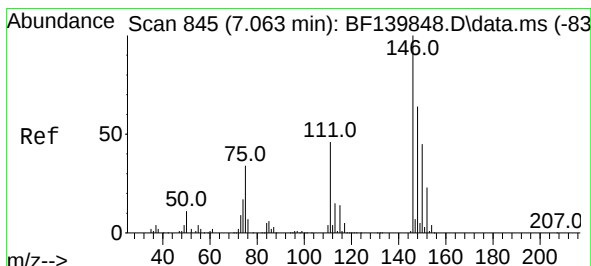
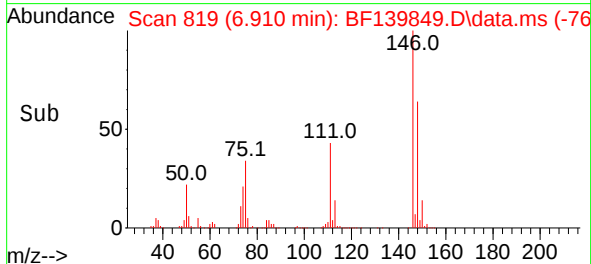
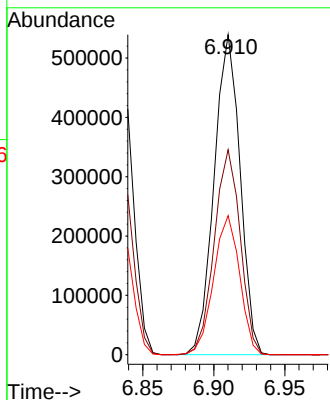
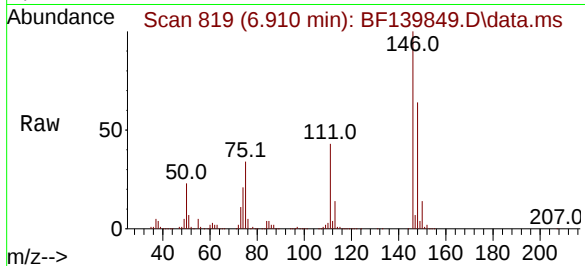
Tgt Ion:146 Resp: 686616

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

111 43.4 34.6 51.8



#14

1,2-Dichlorobenzene

Concen: 45.543 ng

RT: 7.063 min Scan# 845

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

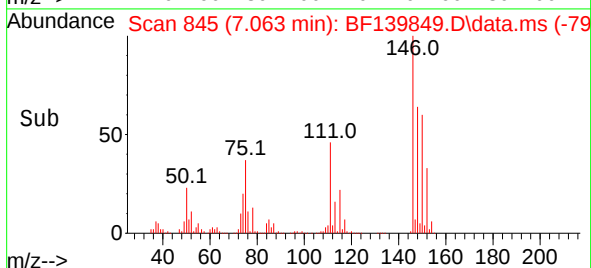
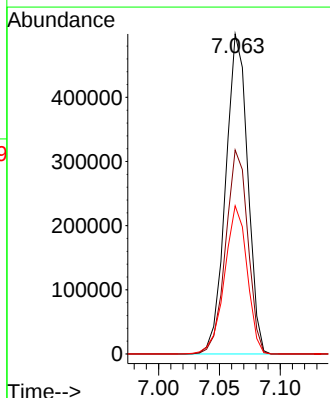
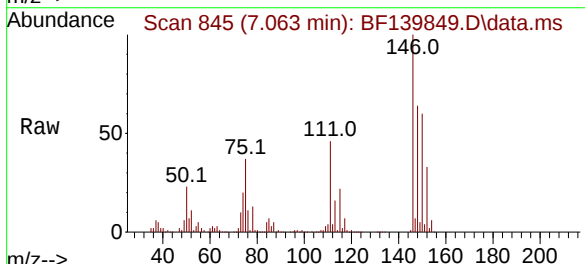
Tgt Ion:146 Resp: 627851

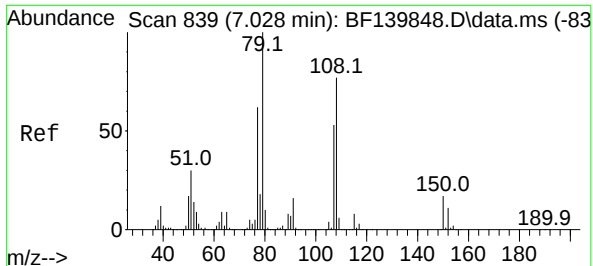
Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.2

111 46.3 36.7 55.1

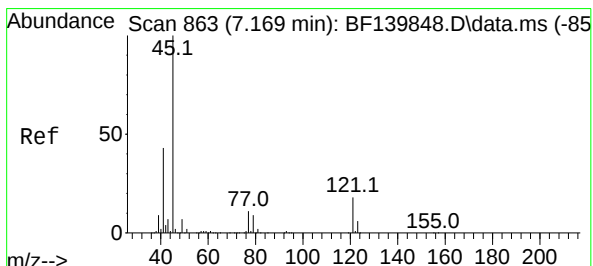
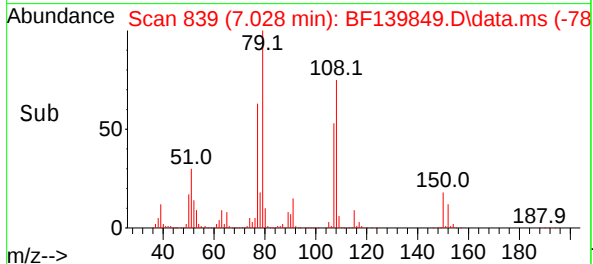
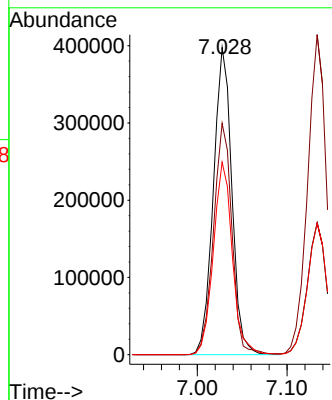
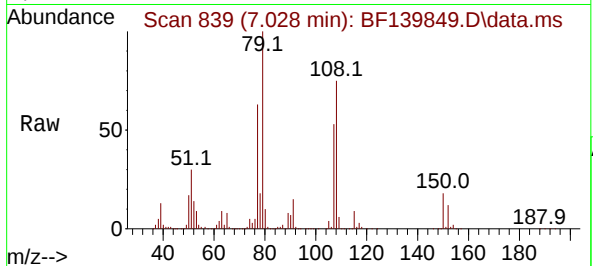




#15
Benzyl Alcohol
Concen: 47.538 ng
RT: 7.028 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

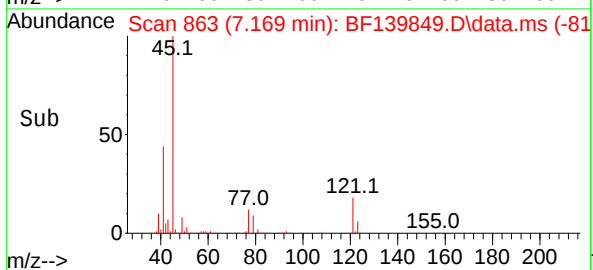
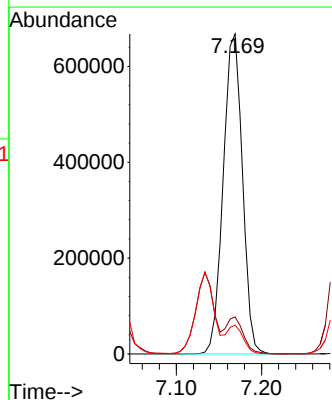
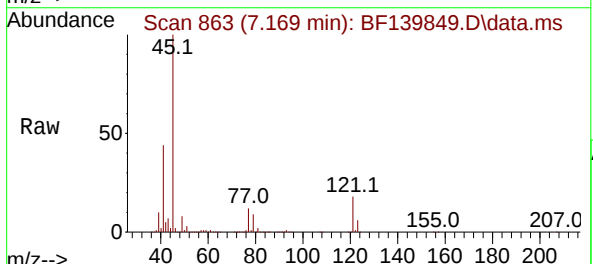
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

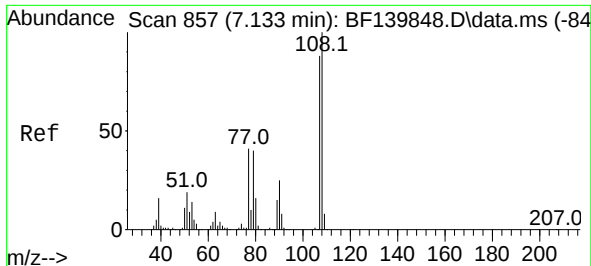
Tgt Ion: 79 Resp: 569012
Ion Ratio Lower Upper
79 100
108 75.3 61.4 92.0
77 62.7 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.084 ng
RT: 7.169 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

Tgt Ion: 45 Resp: 1043921
Ion Ratio Lower Upper
45 100
77 11.6 0.0 31.5
79 9.0 0.0 29.1



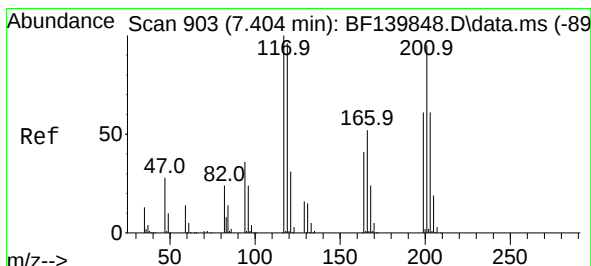
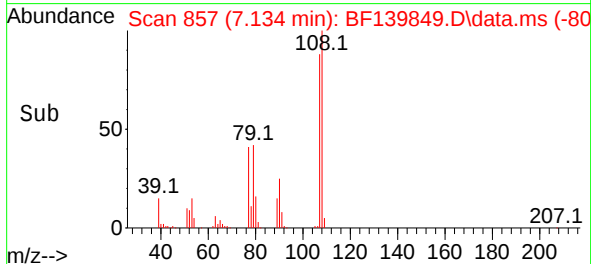
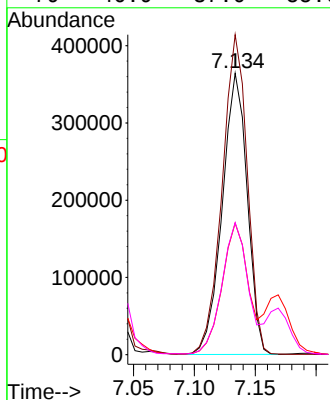
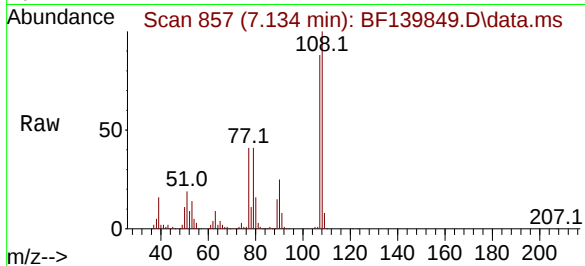


#17
2-Methylphenol
Concen: 47.259 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 519035

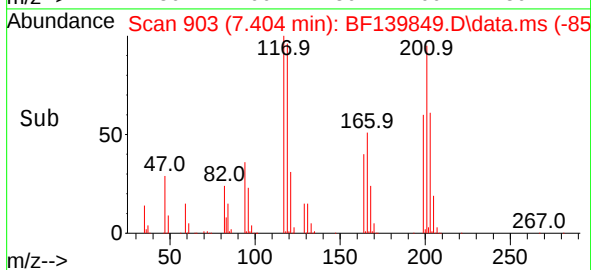
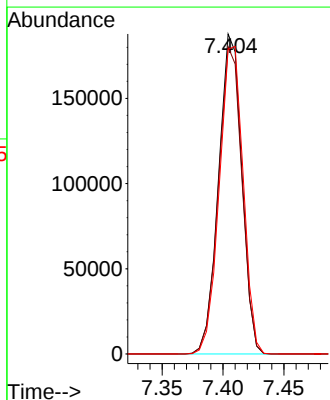
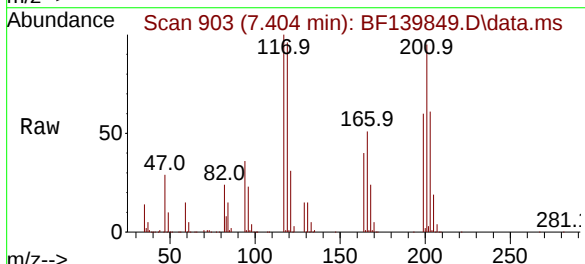
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.3	136.9
77	46.7	37.1	55.7
79	46.9	37.0	55.6

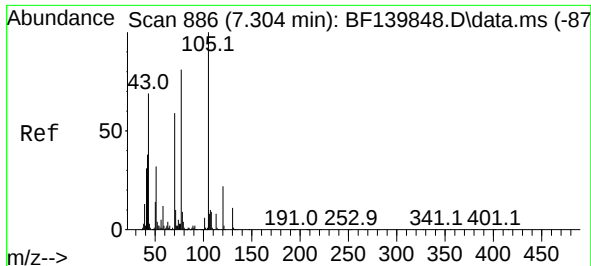


#18
Hexachloroethane
Concen: 47.480 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

Tgt Ion:117 Resp: 250100

Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.0	115.4
201	95.3	76.2	114.4





#19

n-Nitroso-di-n-propylamine

Concen: 45.892 ng

RT: 7.310 min Scan# 887

Delta R.T. 0.006 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 454173

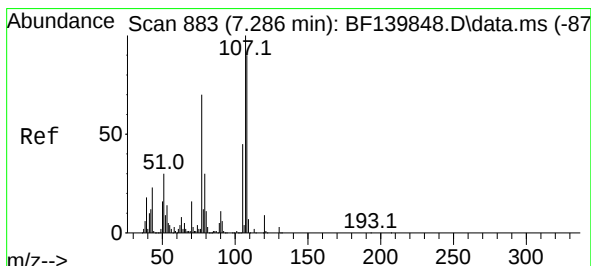
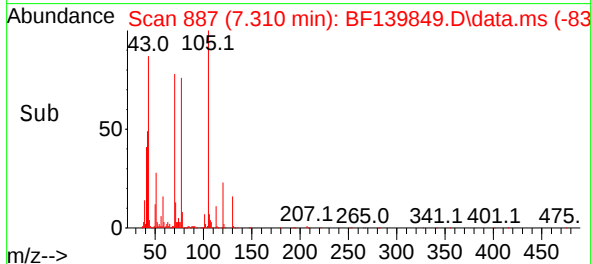
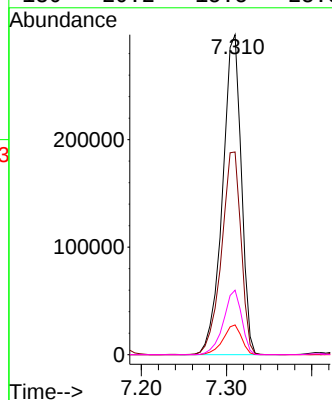
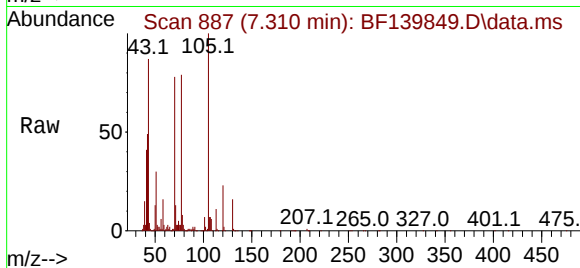
Ion Ratio Lower Upper

70 100

42 63.4 51.5 77.3

101 9.3 7.5 11.3

130 20.2 15.5 23.3



#20

3+4-Methylphenols

Concen: 45.961 ng

RT: 7.292 min Scan# 884

Delta R.T. 0.006 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Tgt Ion:107 Resp: 645650

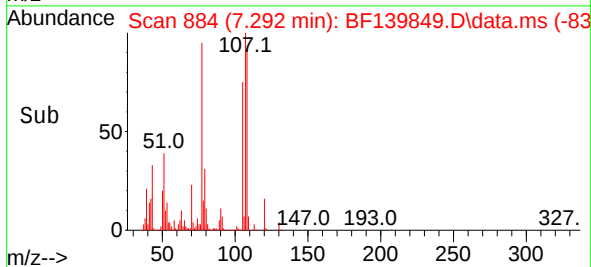
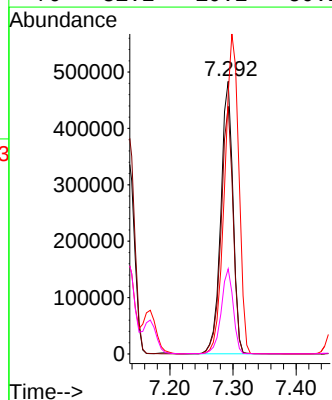
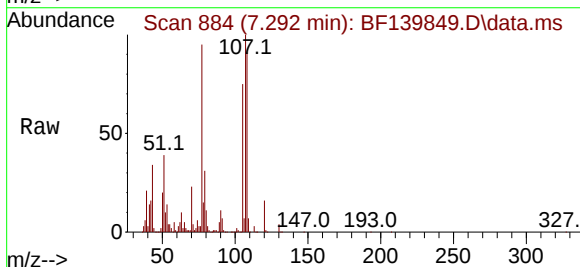
Ion Ratio Lower Upper

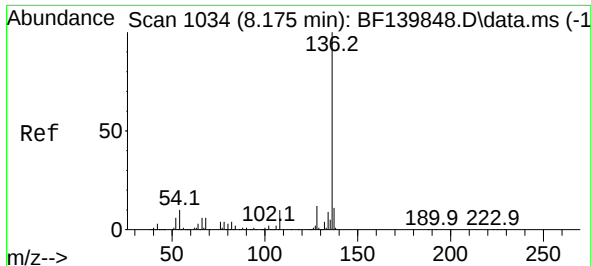
107 100

108 90.8 69.8 109.8

77 95.4 50.5 90.5#

79 31.2 10.2 50.2

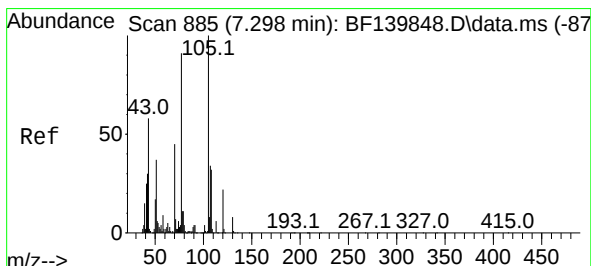
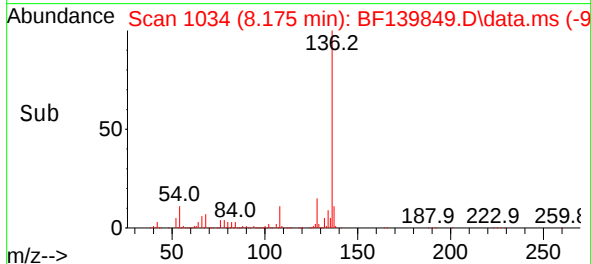
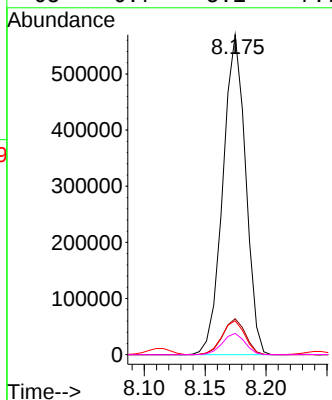
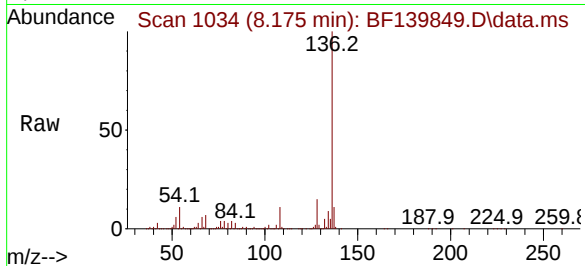




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

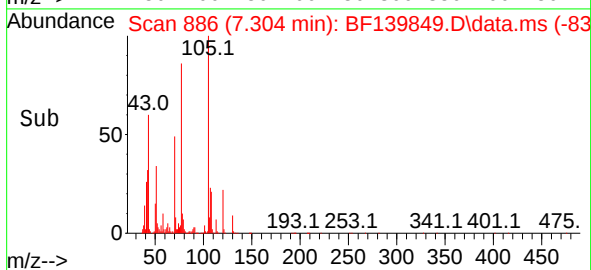
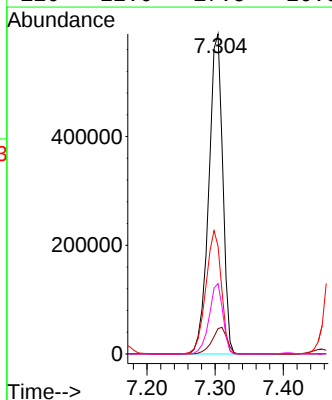
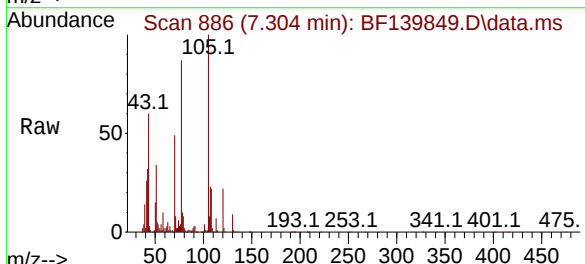
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

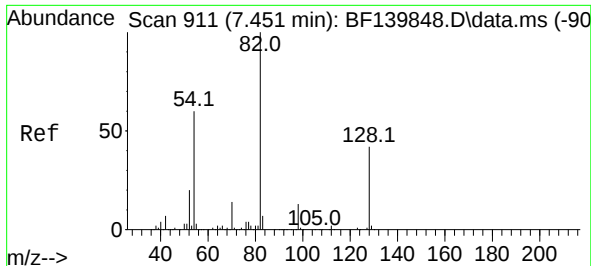
Tgt Ion:	136	Resp:	739665
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	10.6	8.4	12.6
68	6.7	5.1	7.7



#22
Acetophenone
Concen: 46.140 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.006 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

Tgt Ion:	105	Resp:	835908
Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.9	8.9
51	33.7	29.4	44.2
120	22.0	17.5	26.3





#23

Nitrobenzene-d5

Concen: 98.193 ng

RT: 7.457 min Scan# 911

Delta R.T. 0.006 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

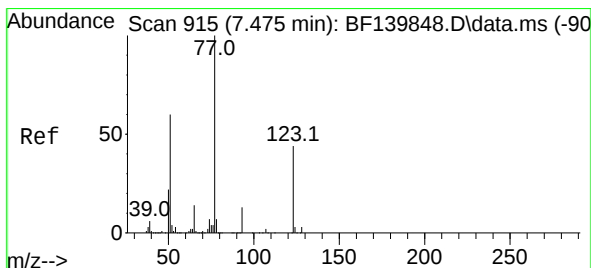
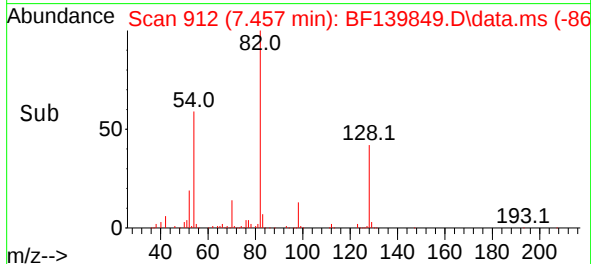
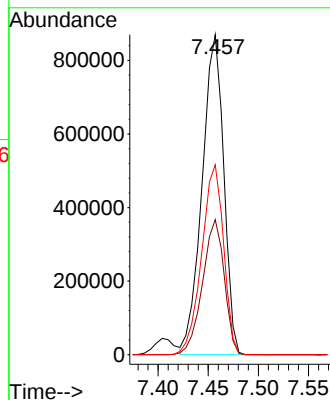
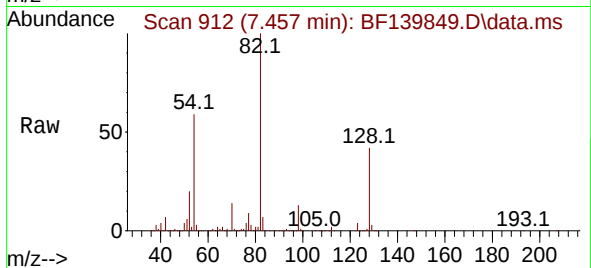
Tgt Ion: 82 Resp: 1310450

Ion Ratio Lower Upper

82 100

128 42.2 33.4 50.0

54 59.3 47.8 71.8



#24

Nitrobenzene

Concen: 48.385 ng

RT: 7.475 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

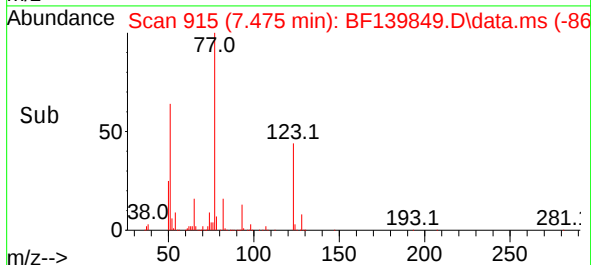
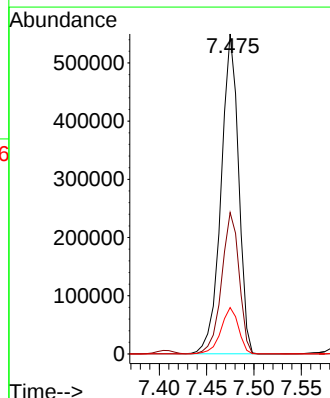
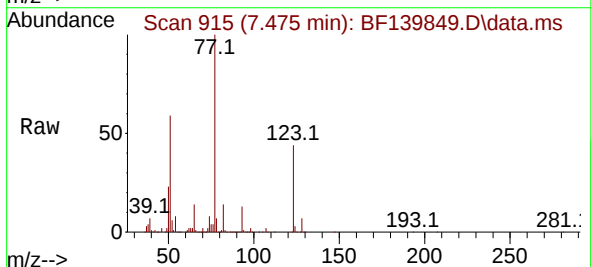
Tgt Ion: 77 Resp: 707970

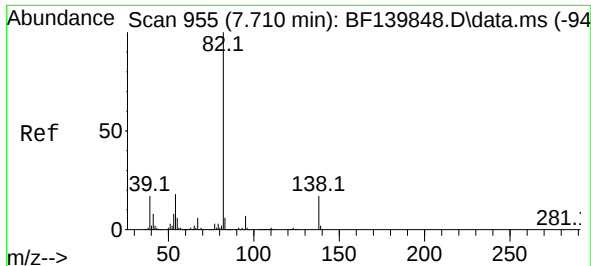
Ion Ratio Lower Upper

77 100

123 44.2 35.7 53.5

65 14.5 11.5 17.3

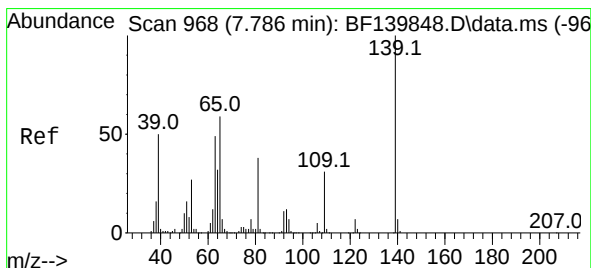
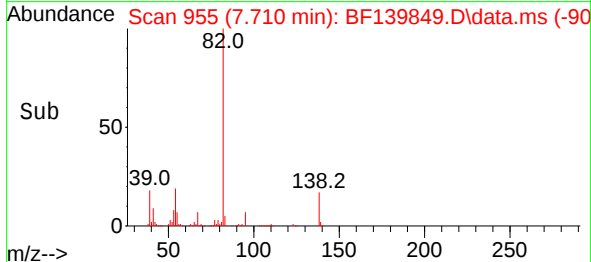
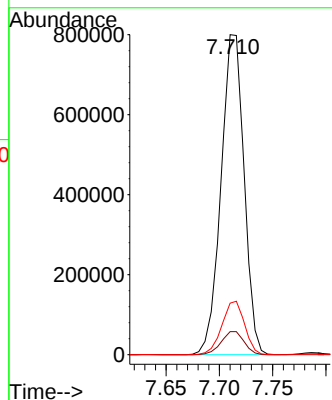
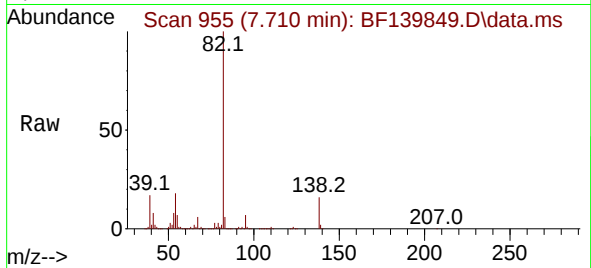




#25
Isophorone
Concen: 47.583 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

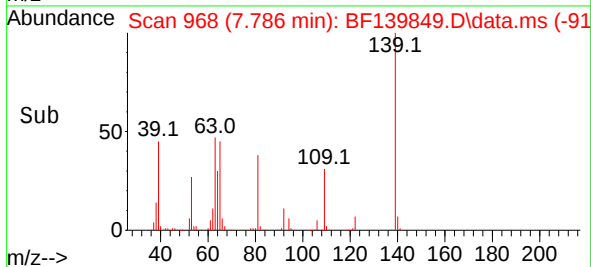
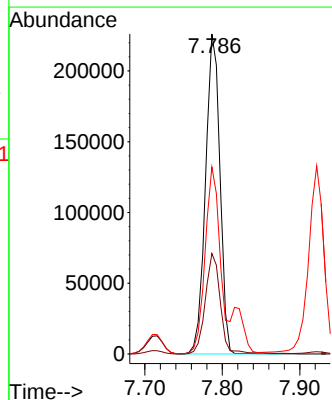
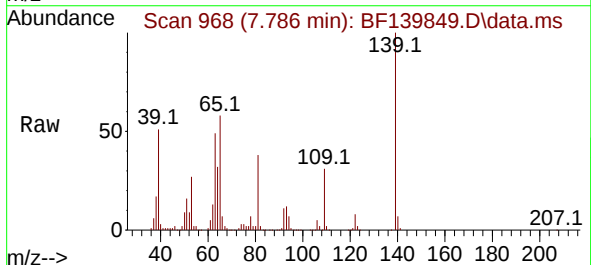
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

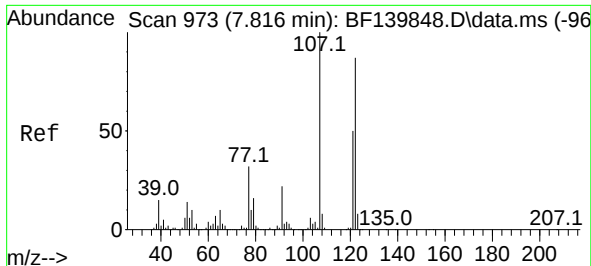
Tgt Ion: 82 Resp: 1205277
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 16.1 13.2 19.8



#26
2-Nitrophenol
Concen: 53.013 ng
RT: 7.786 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

Tgt Ion:139 Resp: 292634
Ion Ratio Lower Upper
139 100
109 31.4 25.1 37.7
65 58.4 47.5 71.3

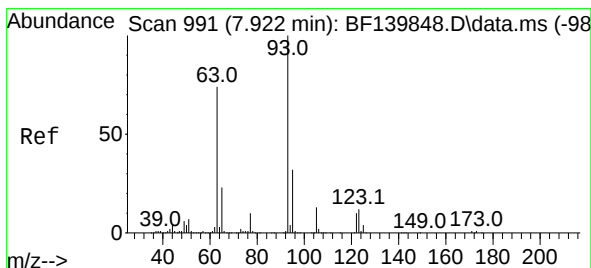
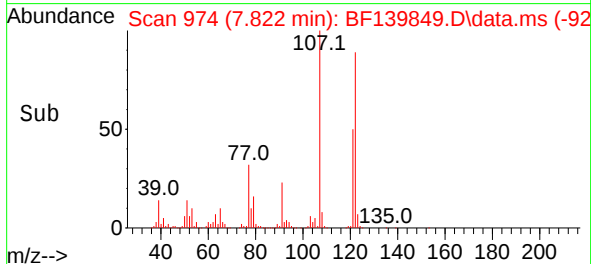
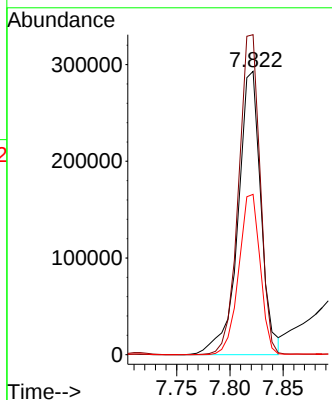
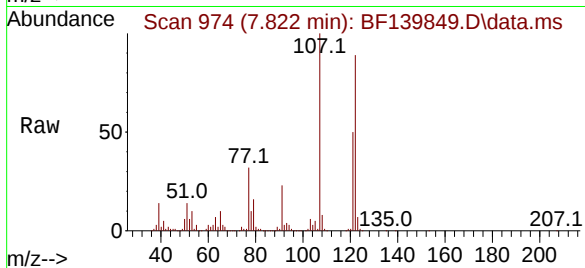




#27
2,4-Dimethylphenol
Concen: 47.699 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

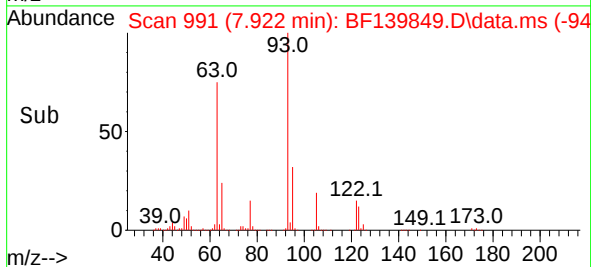
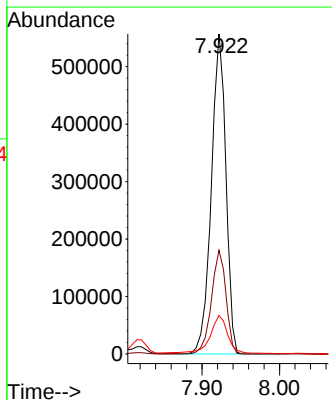
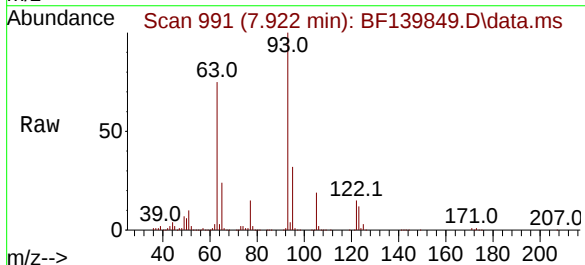
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

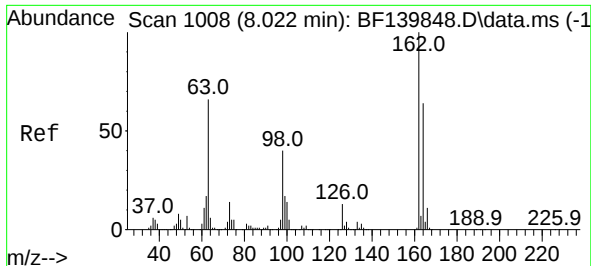
Tgt Ion:122 Resp: 439040
Ion Ratio Lower Upper
122 100
107 113.0 91.9 137.9
121 56.6 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 47.500 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

Tgt Ion: 93 Resp: 728968
Ion Ratio Lower Upper
93 100
95 32.4 26.0 39.0
123 12.0 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 47.971 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

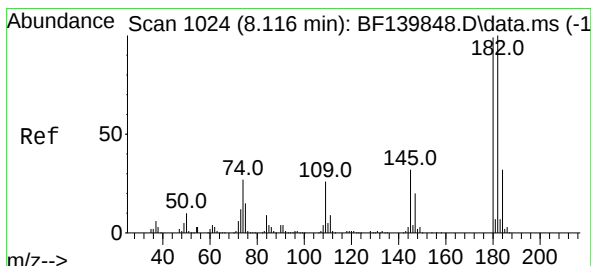
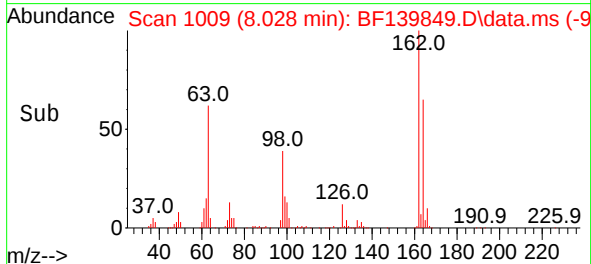
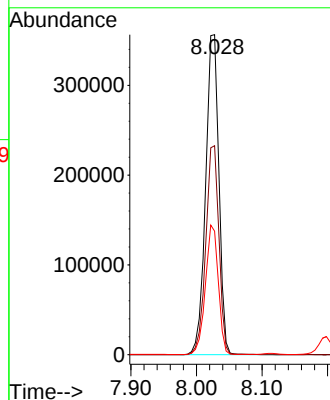
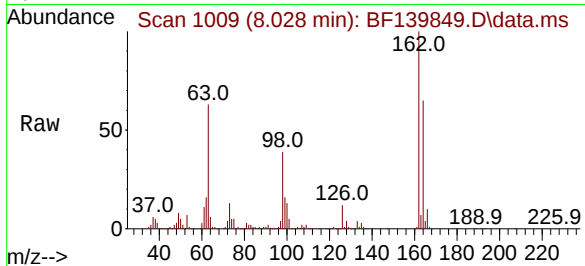
Tgt Ion:162 Resp: 502930

Ion Ratio Lower Upper

162 100

164 65.3 43.9 83.9

98 38.6 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 47.476 ng

RT: 8.116 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

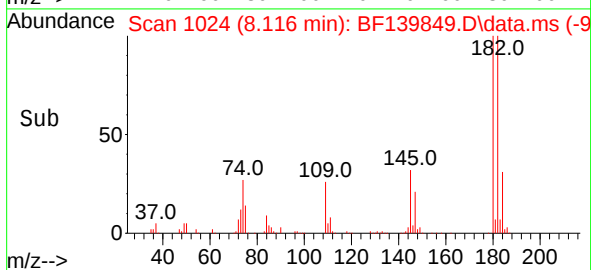
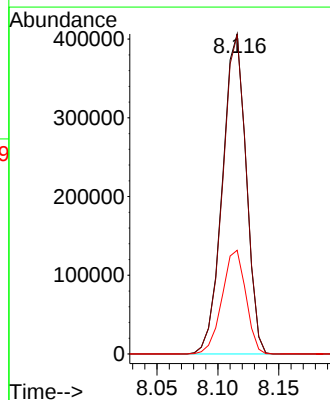
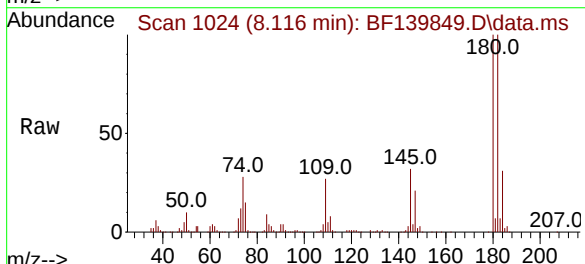
Tgt Ion:180 Resp: 550757

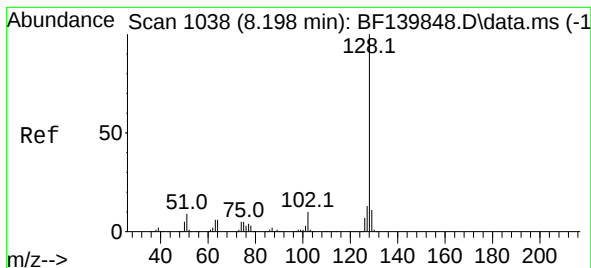
Ion Ratio Lower Upper

180 100

182 99.7 80.5 120.7

145 32.4 25.4 38.0





#31

Naphthalene

Concen: 46.415 ng

RT: 8.198 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

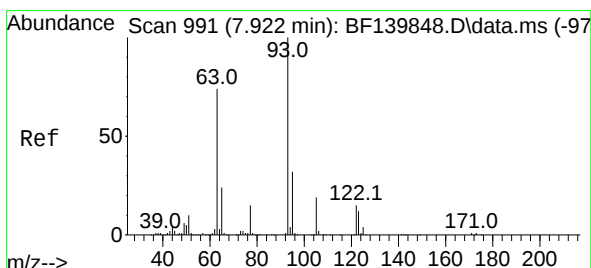
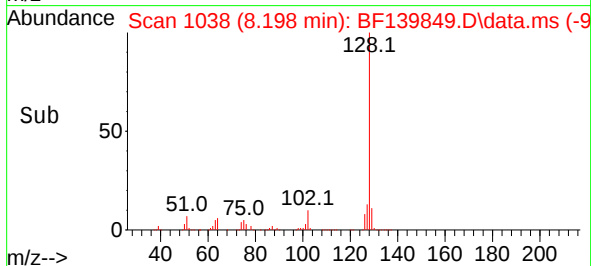
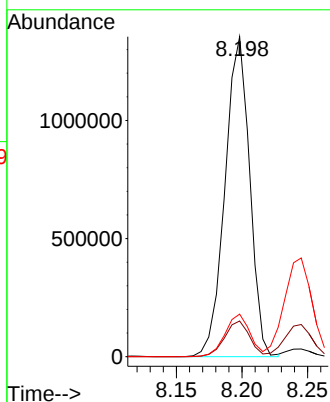
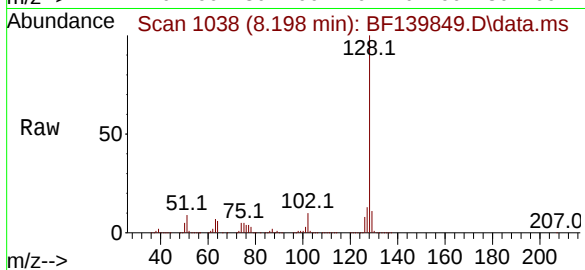
Tgt Ion:128 Resp: 1770616

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 53.131 ng

RT: 7.933 min Scan# 993

Delta R.T. 0.011 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

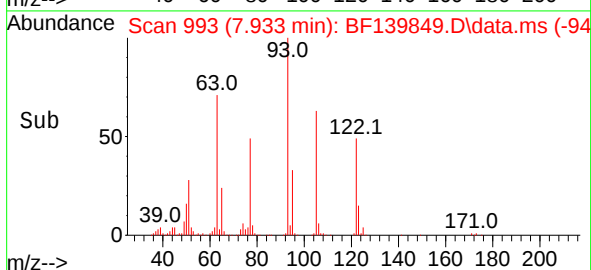
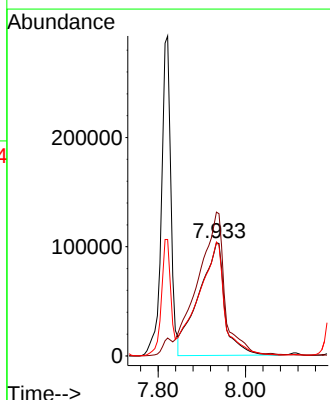
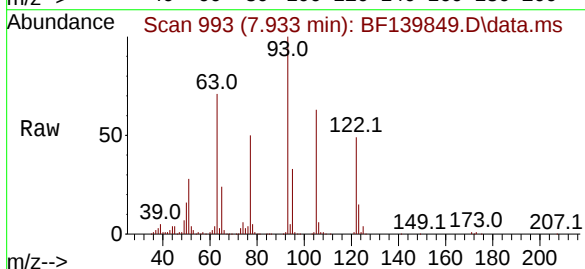
Tgt Ion:122 Resp: 426532

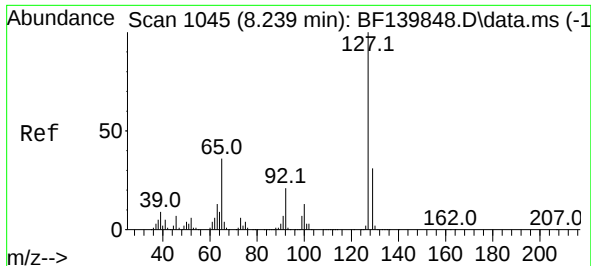
Ion Ratio Lower Upper

122 100

105 127.2 107.6 147.6

77 100.6 80.2 120.2





#33

4-Chloroaniline

Concen: 47.189 ng

RT: 8.245 min Scan# 1046

Delta R.T. 0.006 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 613822

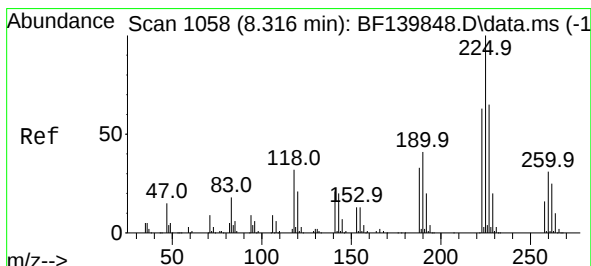
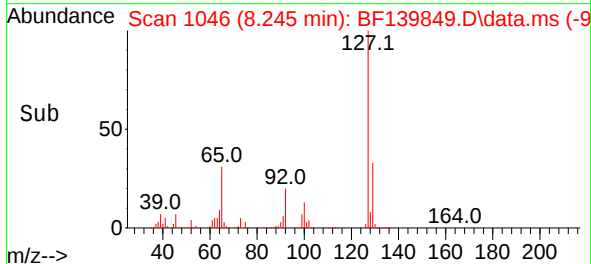
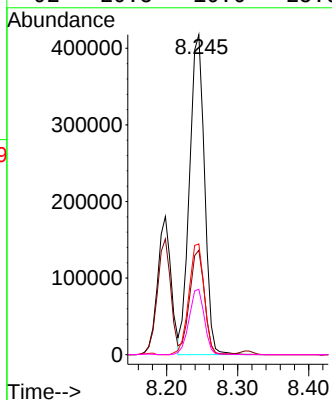
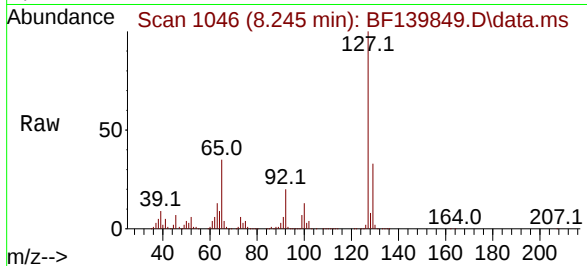
Ion Ratio Lower Upper

127 100

129 32.7 25.4 38.2

65 34.6 28.4 42.6

92 20.5 16.6 25.0



#34

Hexachlorobutadiene

Concen: 47.058 ng

RT: 8.316 min Scan# 1058

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

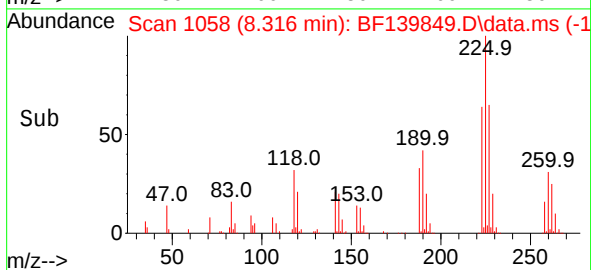
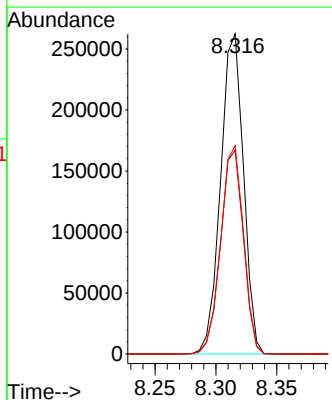
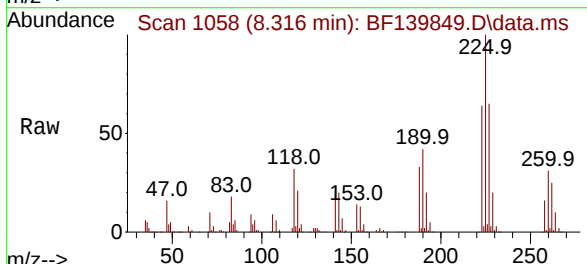
Tgt Ion:225 Resp: 343002

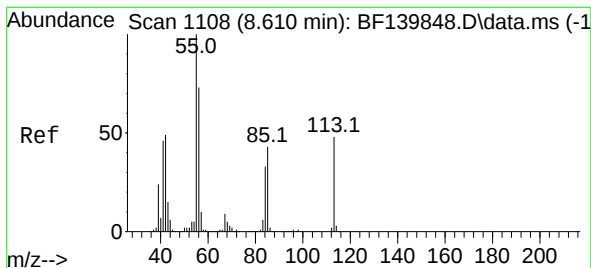
Ion Ratio Lower Upper

225 100

223 63.7 50.6 76.0

227 65.1 51.8 77.8





#35

Caprolactam

Concen: 48.675 ng

RT: 8.616 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

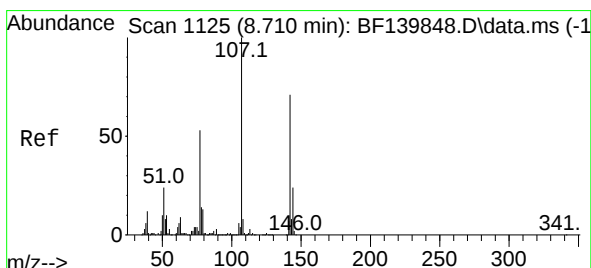
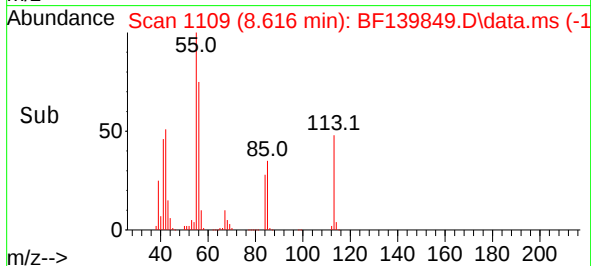
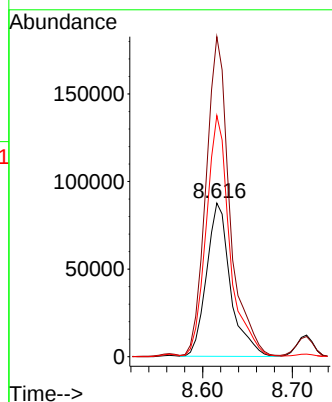
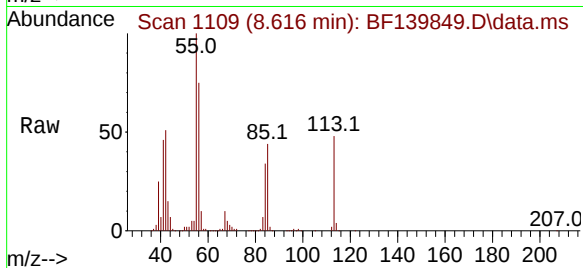
Tgt Ion:113 Resp: 162260

Ion Ratio Lower Upper

113 100

55 208.2 189.2 229.2

56 157.0 132.5 172.5



#36

4-Chloro-3-methylphenol

Concen: 47.678 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.006 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

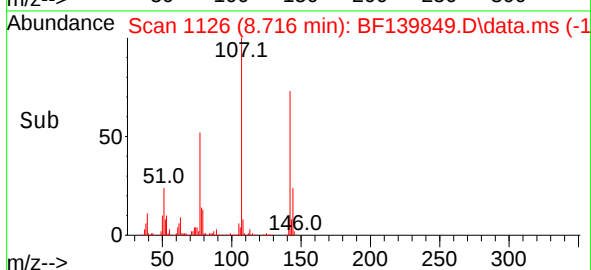
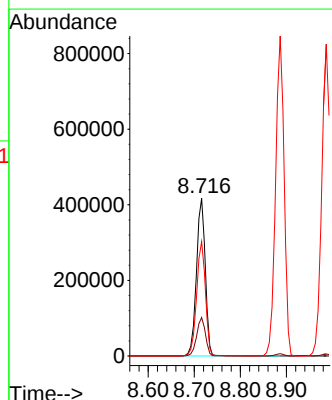
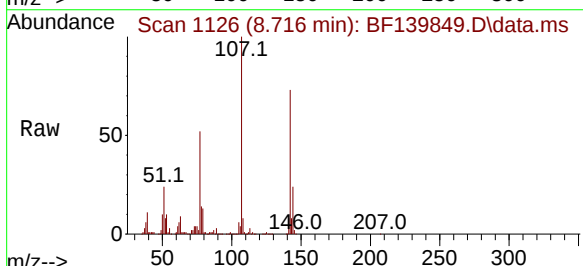
Tgt Ion:107 Resp: 553487

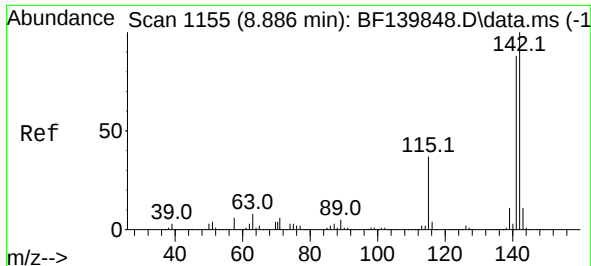
Ion Ratio Lower Upper

107 100

144 24.3 19.1 28.7

142 72.6 57.2 85.8





#37

2-Methylnaphthalene

Concen: 46.462 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

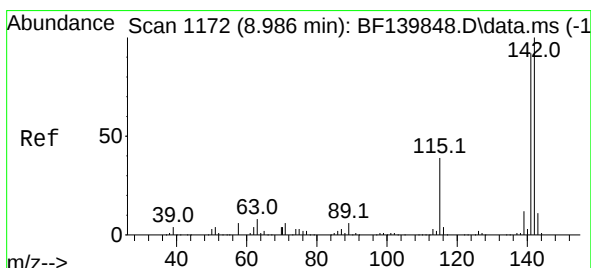
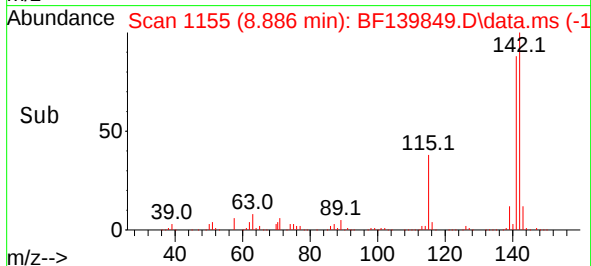
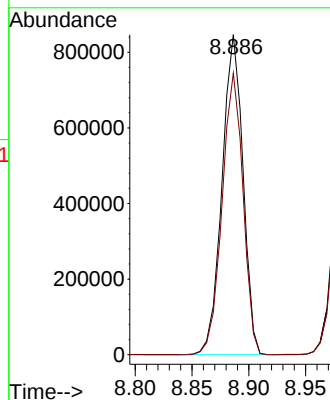
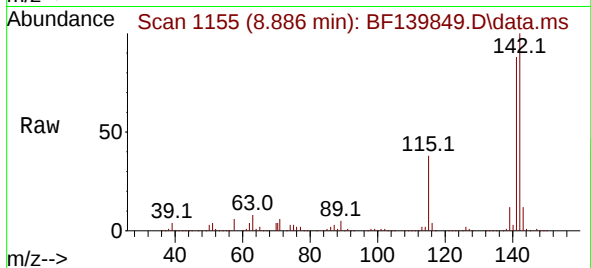
SSTDICC050

Tgt Ion:142 Resp: 1085491

Ion Ratio Lower Upper

142 100

141 88.0 70.8 106.2



#38

1-Methylnaphthalene

Concen: 45.933 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139849.D

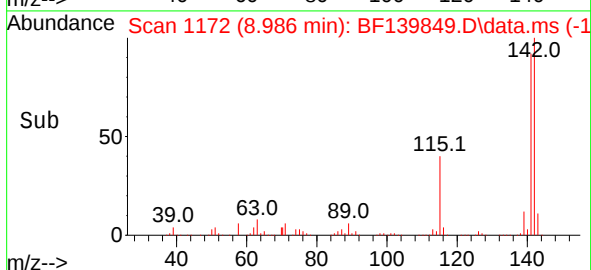
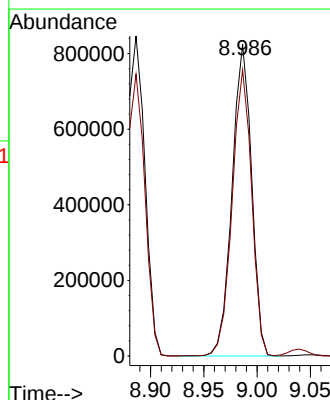
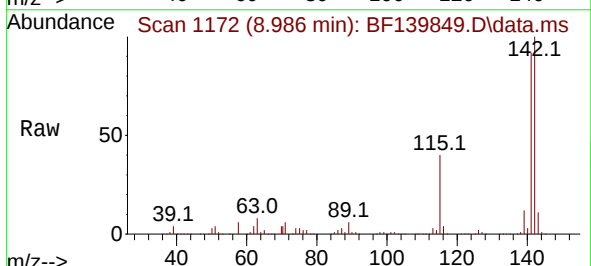
Acq: 18 Oct 2024 12:49

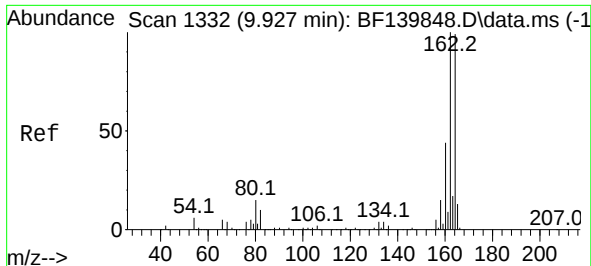
Tgt Ion:142 Resp: 1052879

Ion Ratio Lower Upper

142 100

141 91.8 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139849.D

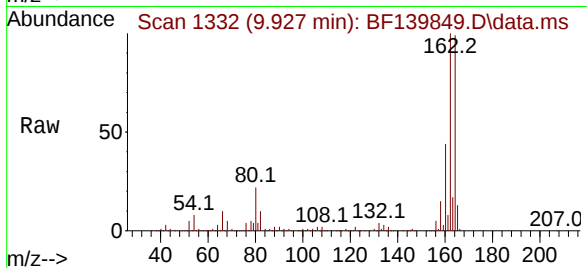
Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



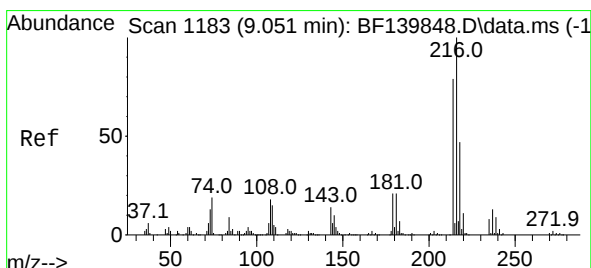
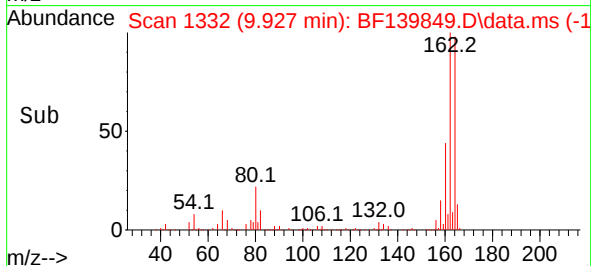
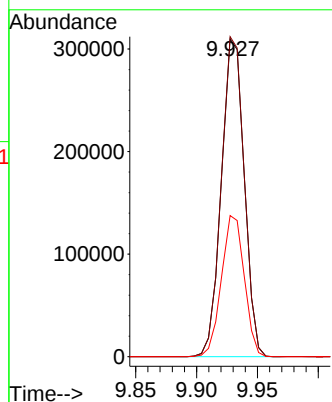
Tgt Ion:164 Resp: 405194

Ion Ratio Lower Upper

164 100

162 100.7 81.0 121.4

160 44.4 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.474 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Tgt Ion:216 Resp: 518960

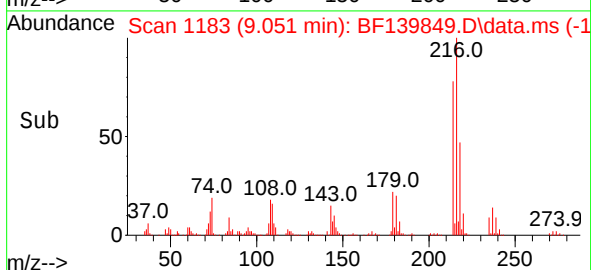
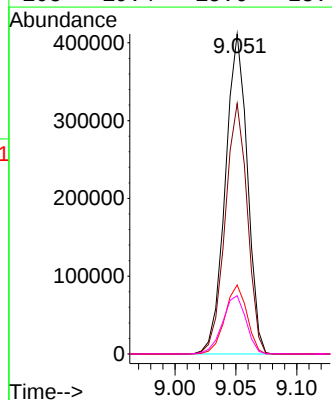
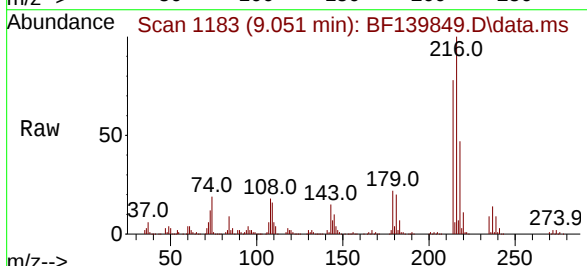
Ion Ratio Lower Upper

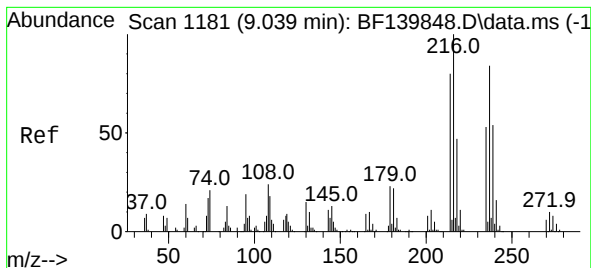
216 100

214 78.3 63.4 95.0

179 21.5 17.2 25.8

108 19.4 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 49.488 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

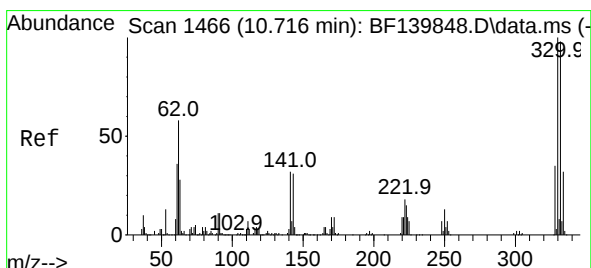
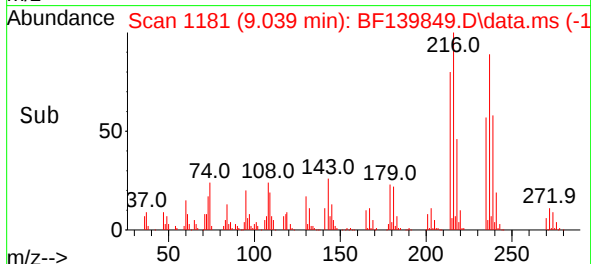
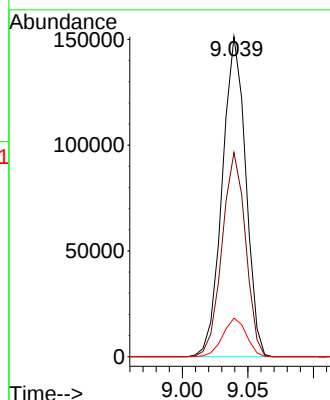
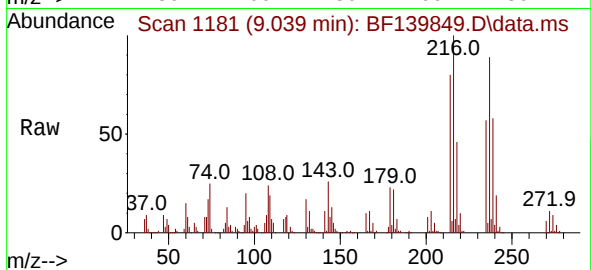
Tgt Ion:237 Resp: 188234

Ion Ratio Lower Upper

237 100

235 63.8 42.9 82.9

272 12.0 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 95.600 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

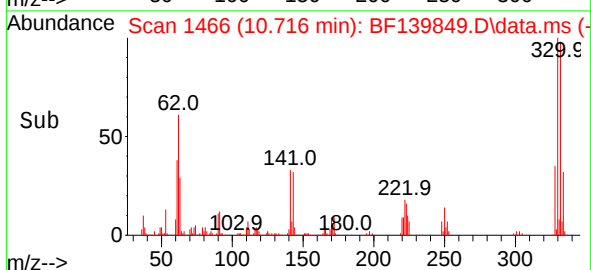
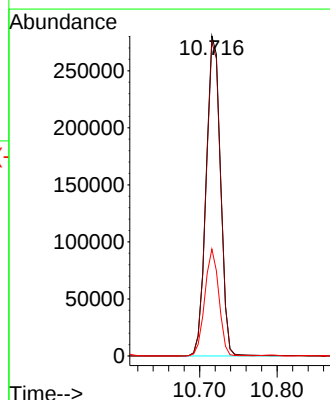
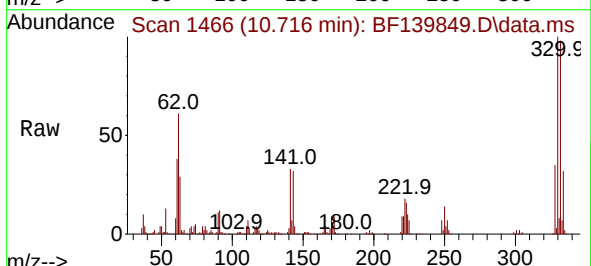
Tgt Ion:330 Resp: 362330

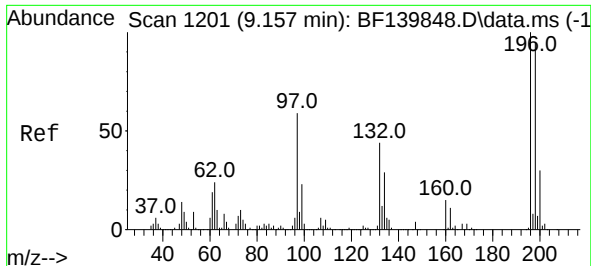
Ion Ratio Lower Upper

330 100

332 98.1 78.1 117.1

141 32.6 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 47.468 ng

RT: 9.157 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

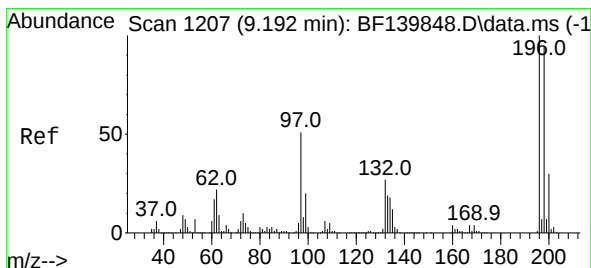
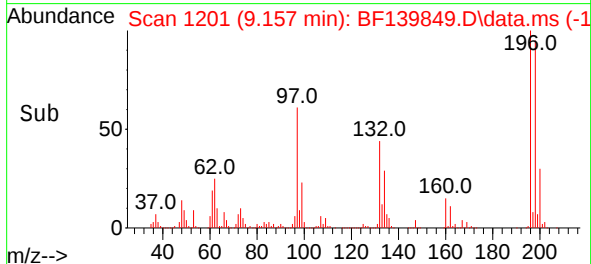
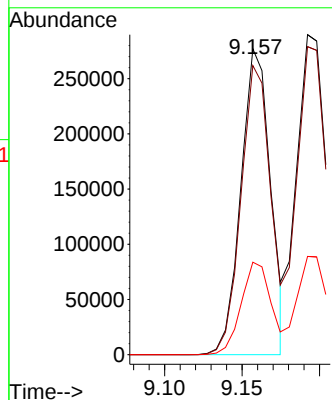
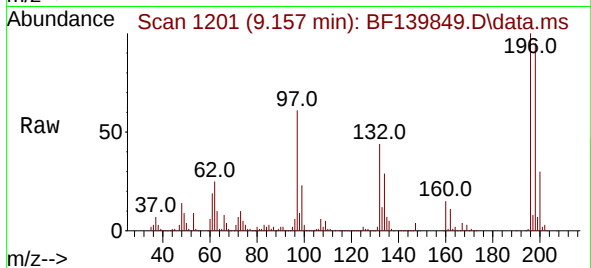
Tgt Ion:196 Resp: 367373

Ion Ratio Lower Upper

196 100

198 94.5 76.2 114.2

200 30.2 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 48.336 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Tgt Ion:196 Resp: 385963

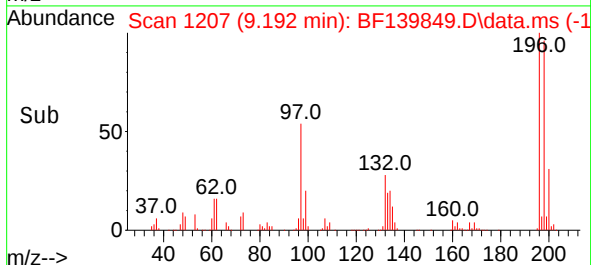
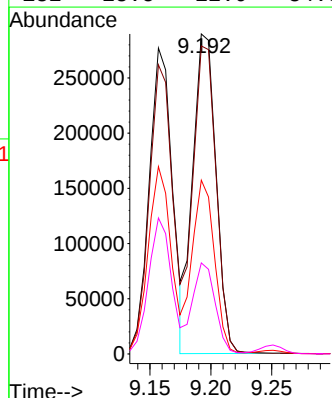
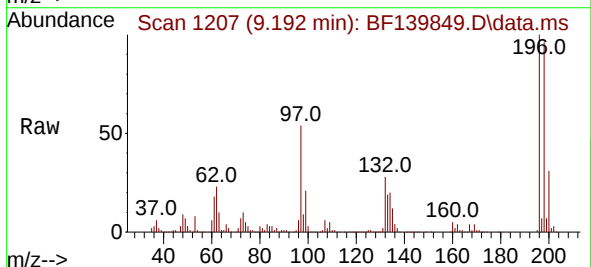
Ion Ratio Lower Upper

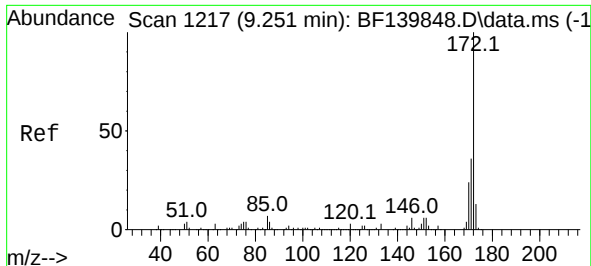
196 100

198 96.2 75.8 113.6

97 54.3 41.8 62.6

132 28.5 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 89.915 ng

RT: 9.251 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

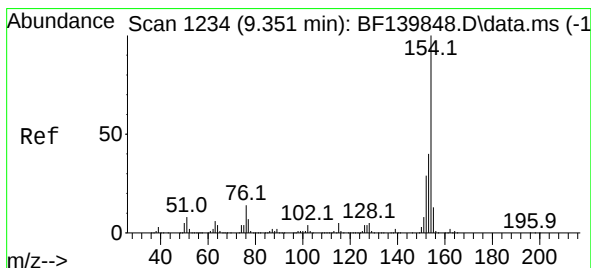
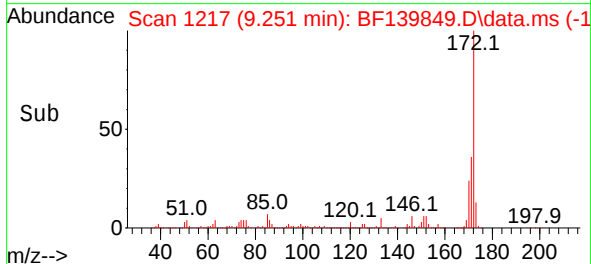
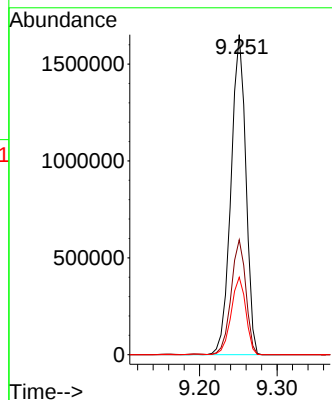
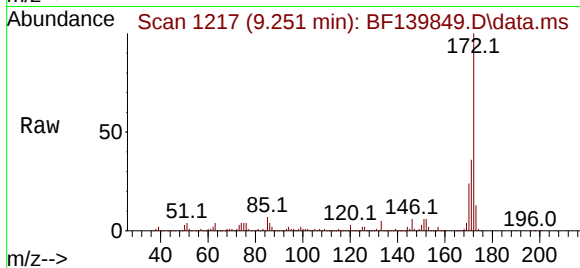
Tgt Ion:172 Resp: 2204460

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 24.2 19.1 28.7



#46

1,1'-Biphenyl

Concen: 46.143 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

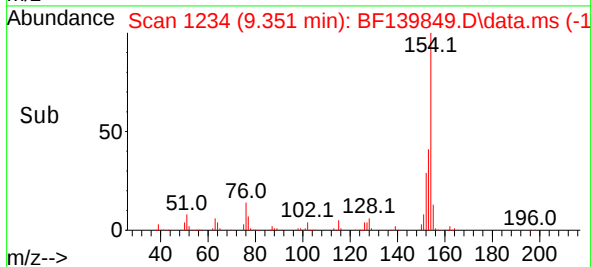
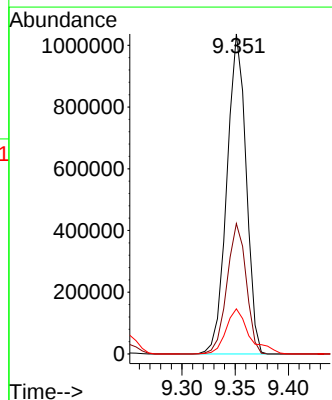
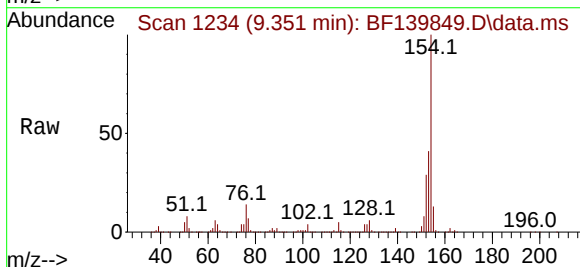
Tgt Ion:154 Resp: 1301562

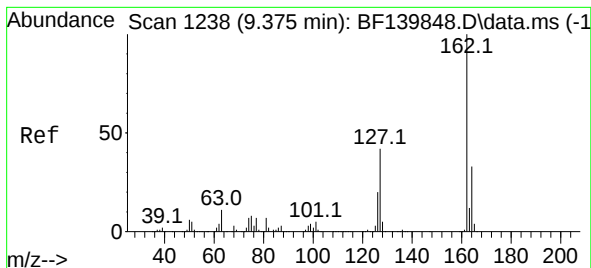
Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

76 14.1 0.0 33.9





#47

2-Chloronaphthalene

Concen: 46.720 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

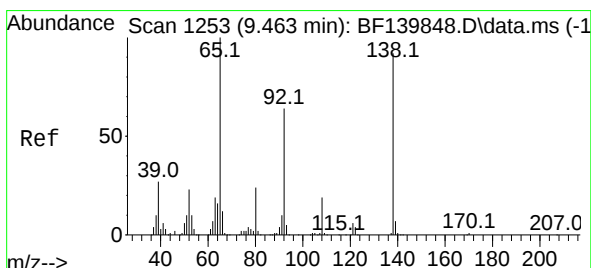
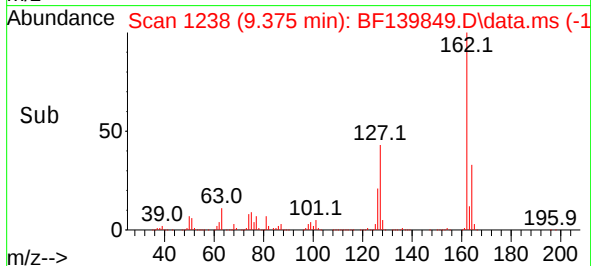
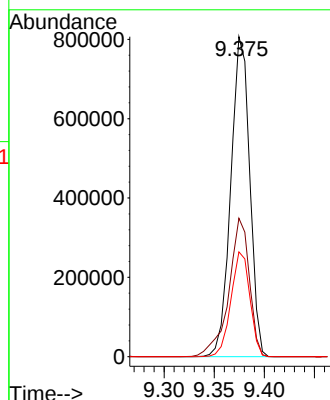
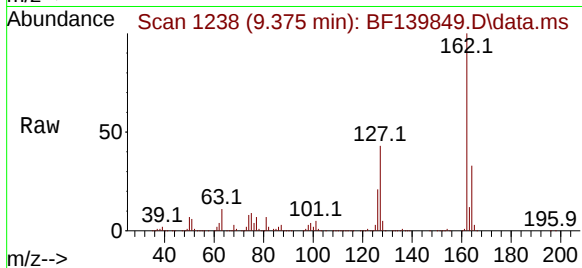
Tgt Ion:162 Resp: 1061417

Ion Ratio Lower Upper

162 100

127 43.3 33.8 50.6

164 32.7 26.6 39.8



#48

2-Nitroaniline

Concen: 51.564 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

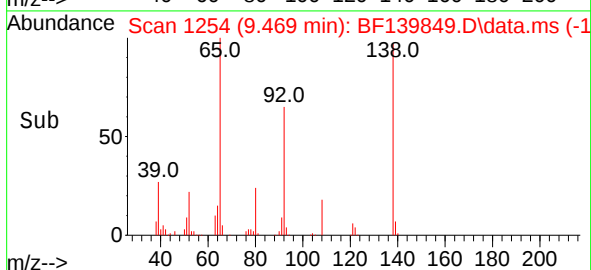
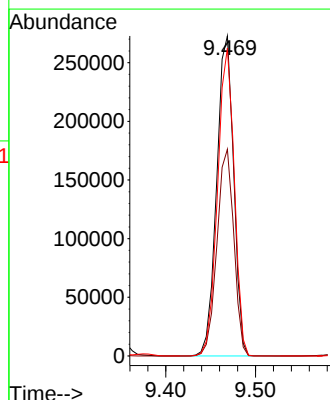
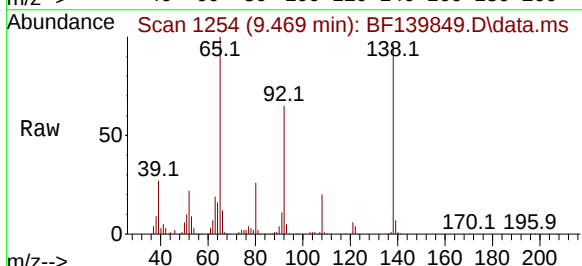
Tgt Ion: 65 Resp: 358283

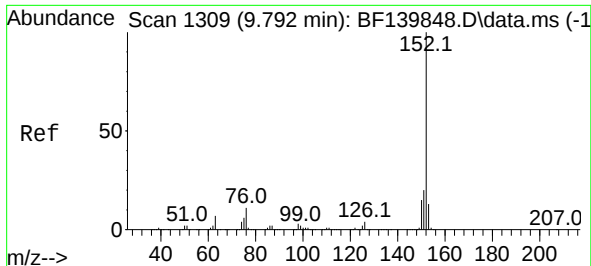
Ion Ratio Lower Upper

65 100

92 64.6 50.9 76.3

138 96.2 73.4 110.0





#49

Acenaphthylene

Concen: 46.479 ng

RT: 9.792 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

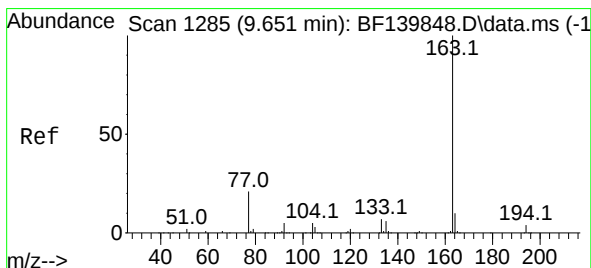
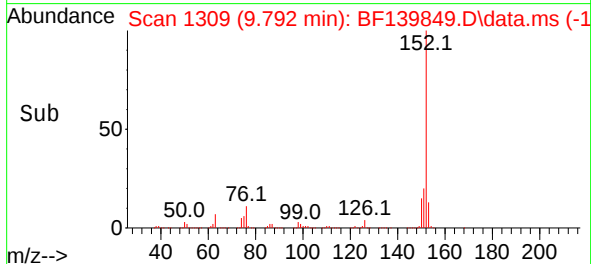
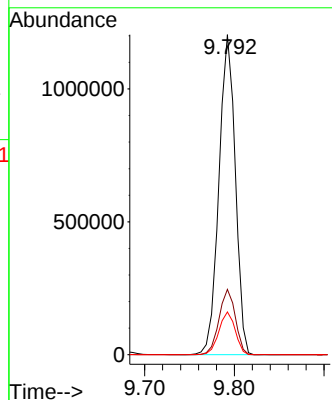
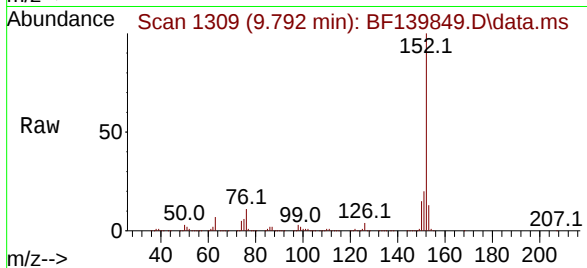
Tgt Ion:152 Resp: 1526583

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

153 13.4 10.7 16.1



#50

Dimethylphthalate

Concen: 47.050 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

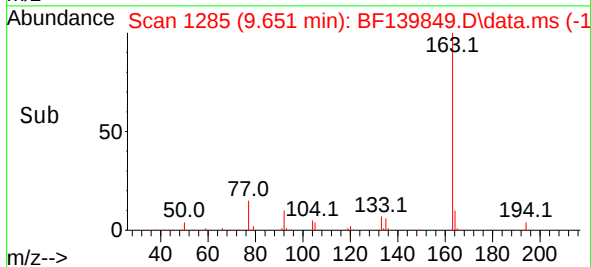
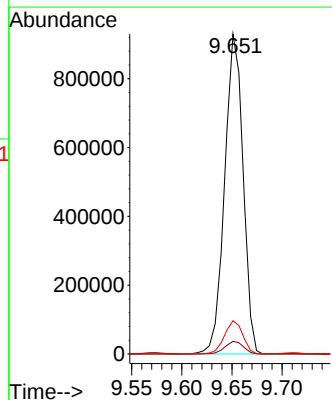
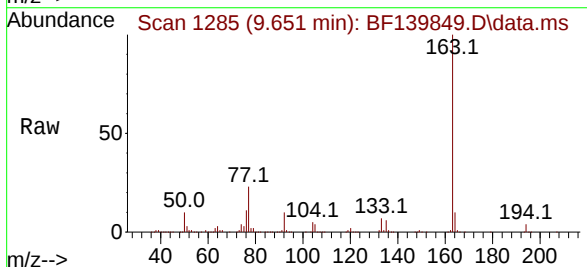
Tgt Ion:163 Resp: 1187472

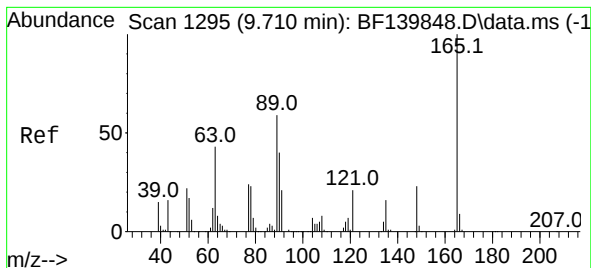
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.4 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 50.693 ng

RT: 9.710 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

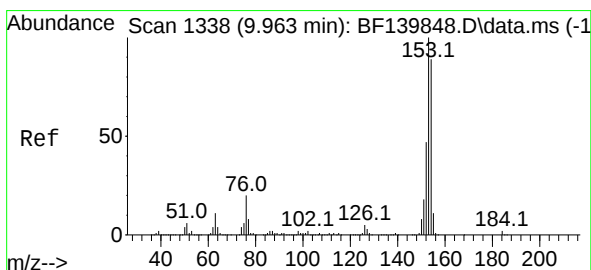
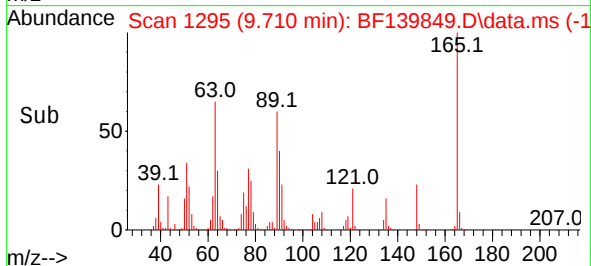
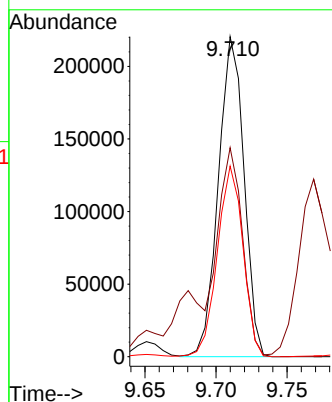
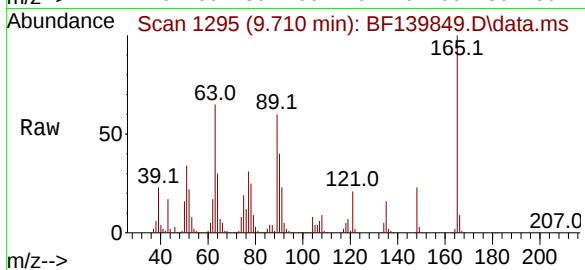
Tgt Ion:165 Resp: 277023

Ion Ratio Lower Upper

165 100

63 65.3 50.6 75.8

89 59.5 47.5 71.3



#52

Acenaphthene

Concen: 46.576 ng

RT: 9.963 min Scan# 1338

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

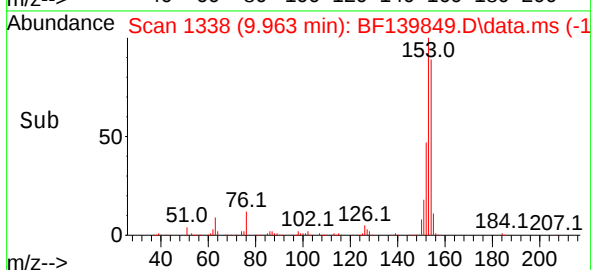
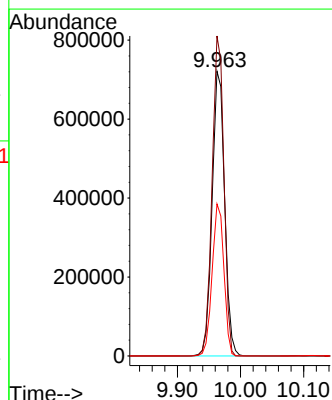
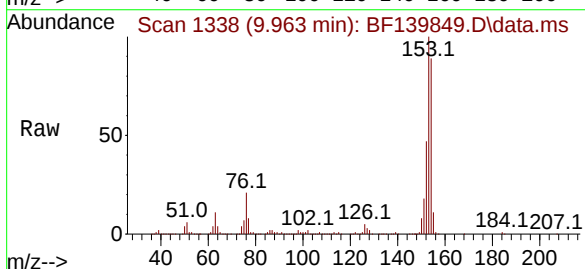
Tgt Ion:154 Resp: 989603

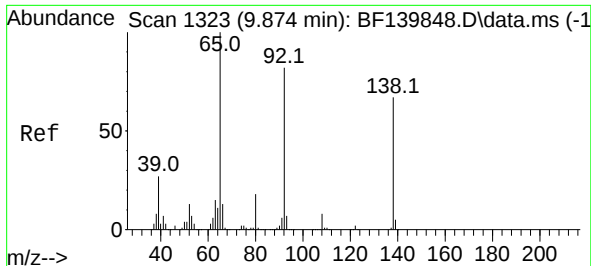
Ion Ratio Lower Upper

154 100

153 112.4 89.8 134.6

152 53.4 42.4 63.6

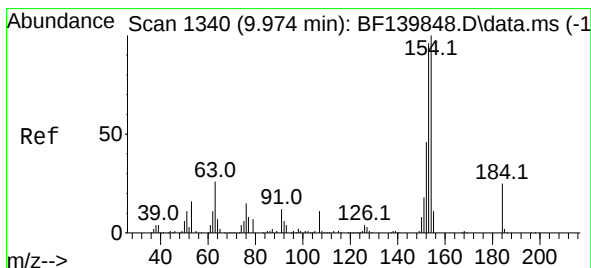
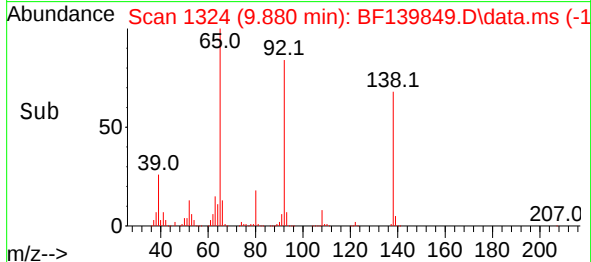
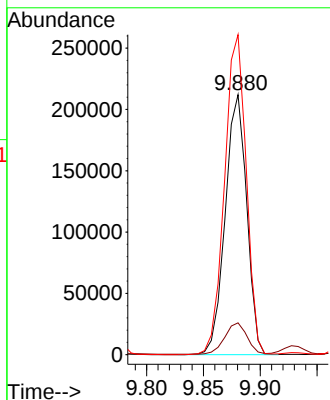
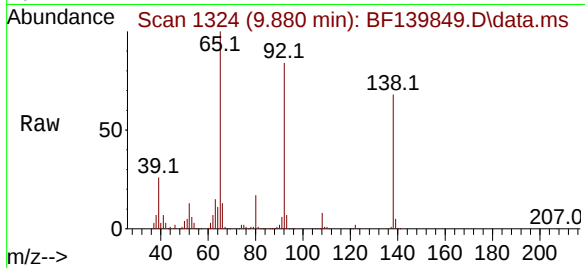




#53
3-Nitroaniline
Concen: 49.591 ng
RT: 9.880 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

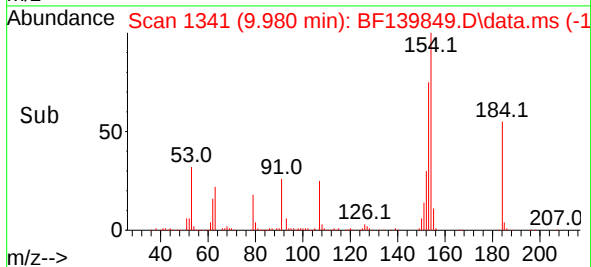
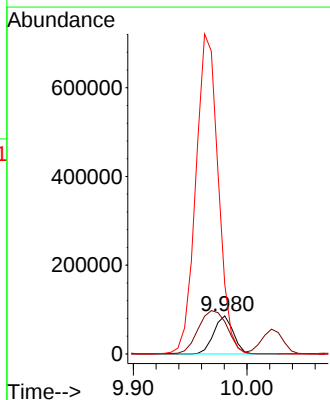
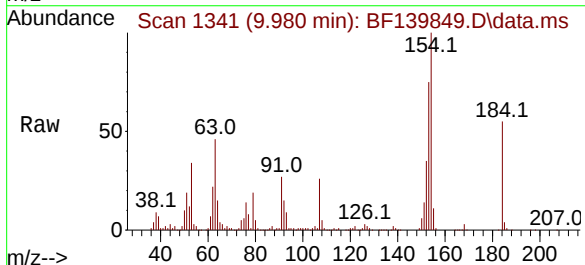
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

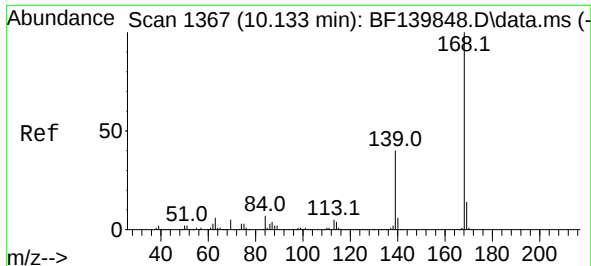
Tgt Ion:138 Resp: 279467
Ion Ratio Lower Upper
138 100
108 12.2 10.2 15.2
92 123.1 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 48.105 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

Tgt Ion:184 Resp: 102786
Ion Ratio Lower Upper
184 100
63 84.8 84.7 127.1
154 182.9 338.2 507.2#





#55

Dibenzenofuran

Concen: 46.162 ng

RT: 10.133 min Scan# 1367

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

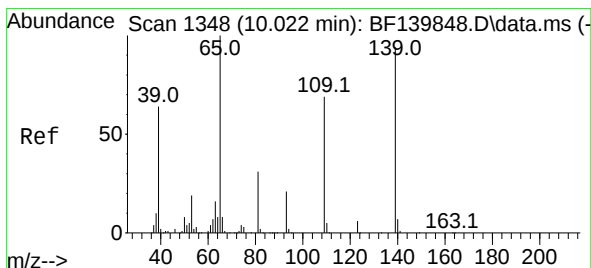
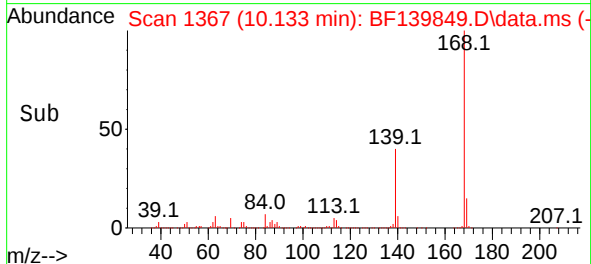
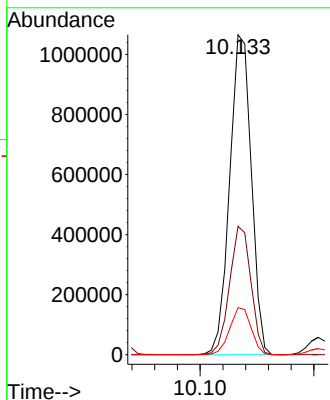
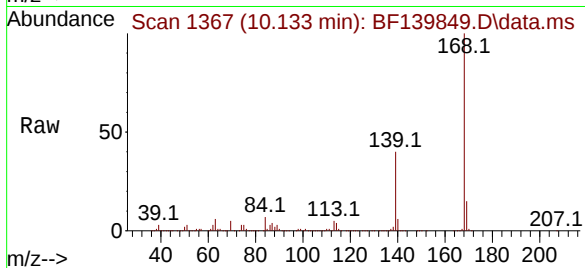
Tgt Ion:168 Resp: 1407211

Ion Ratio Lower Upper

168 100

139 40.1 31.8 47.6

169 14.7 11.6 17.4



#56

4-Nitrophenol

Concen: 51.068 ng

RT: 10.022 min Scan# 1348

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

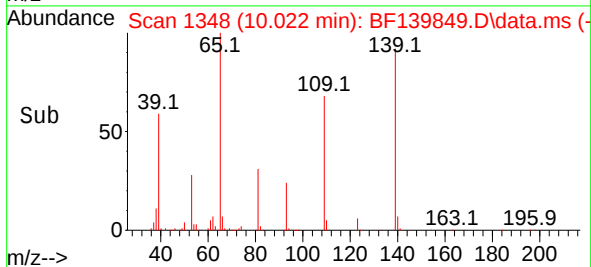
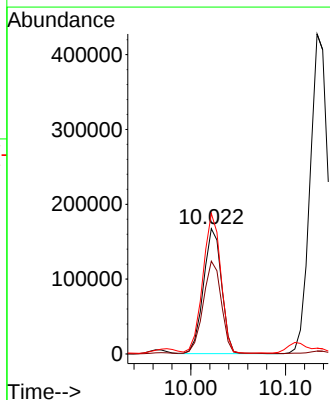
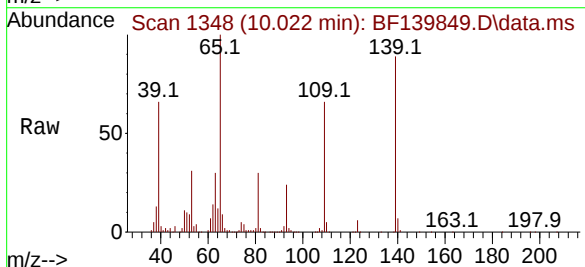
Tgt Ion:139 Resp: 221410

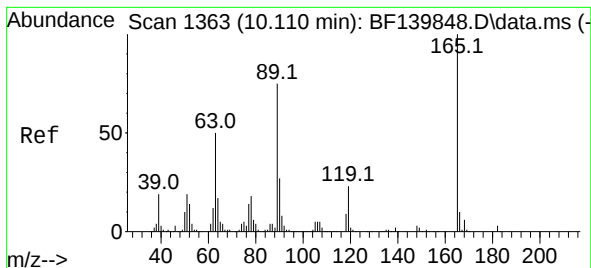
Ion Ratio Lower Upper

139 100

109 74.0 53.6 93.6

65 112.1 87.8 127.8





#57

2,4-Dinitrotoluene

Concen: 51.878 ng

RT: 10.110 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:165 Resp: 348628

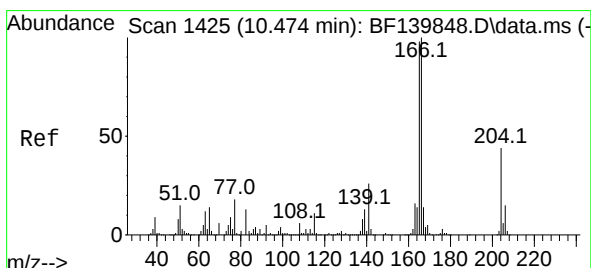
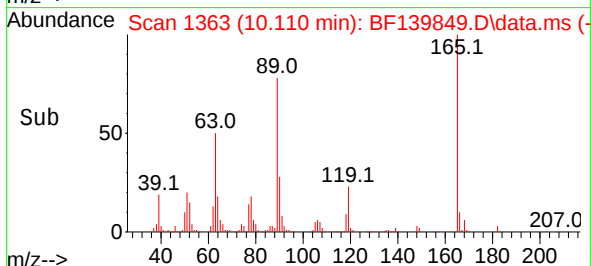
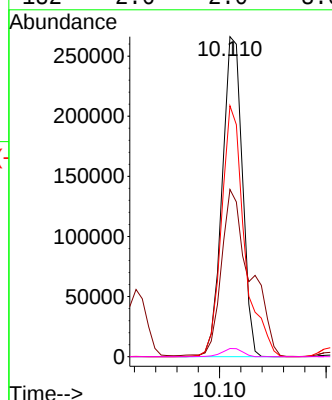
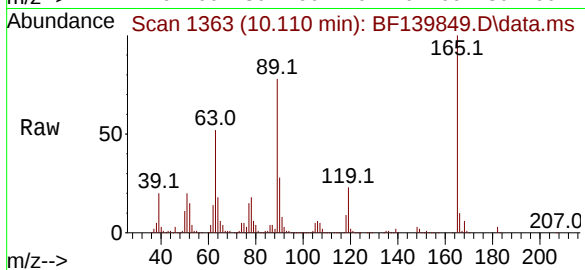
Ion Ratio Lower Upper

165 100

63 52.2 40.1 60.1

89 78.4 60.4 90.6

182 2.6 2.0 3.0



#58

Fluorene

Concen: 44.889 ng

RT: 10.480 min Scan# 1426

Delta R.T. 0.006 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

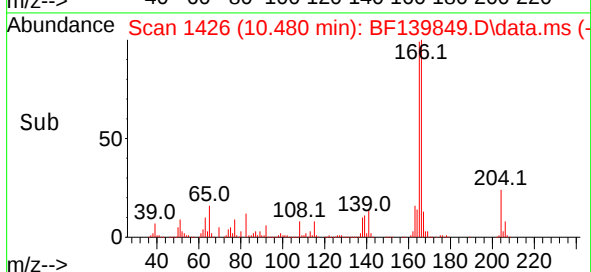
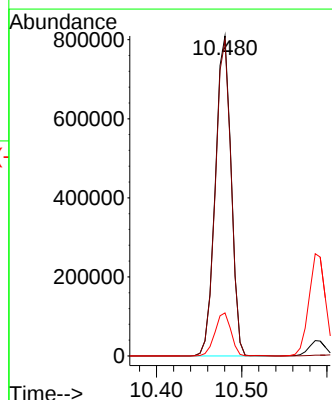
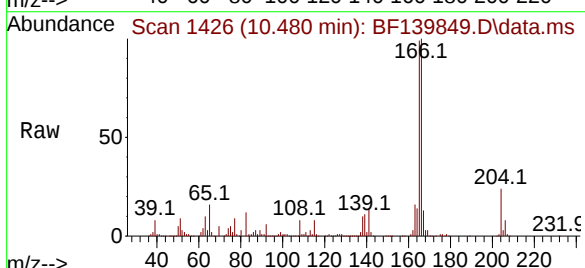
Tgt Ion:166 Resp: 1042268

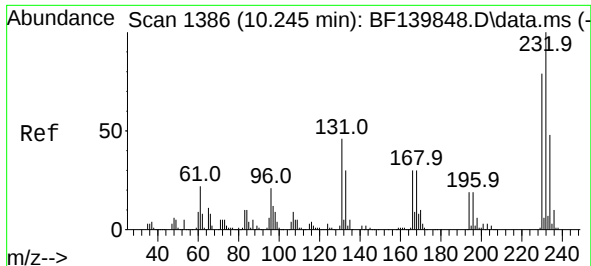
Ion Ratio Lower Upper

166 100

165 98.6 78.5 117.7

167 13.5 10.9 16.3

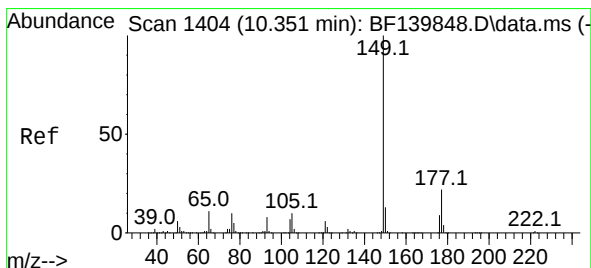
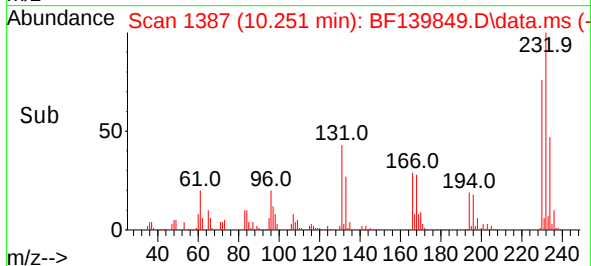
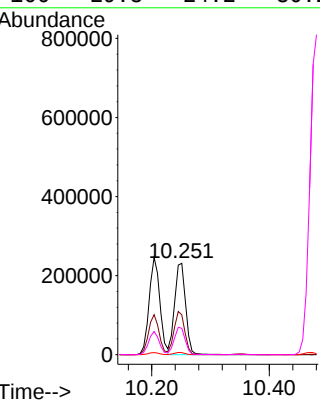
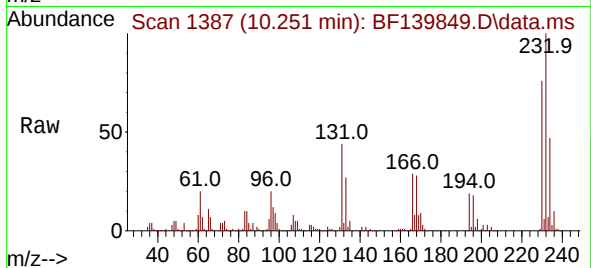




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.975 ng
RT: 10.251 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

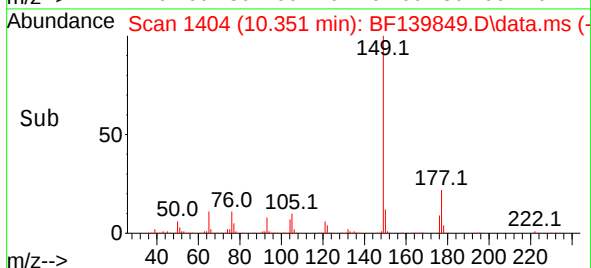
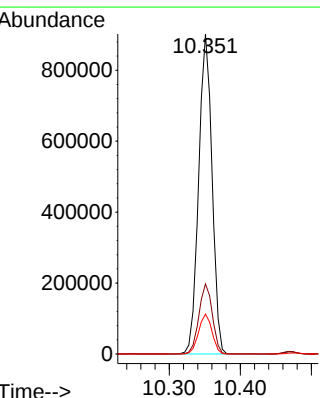
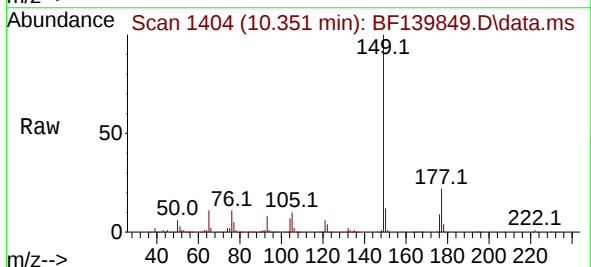
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

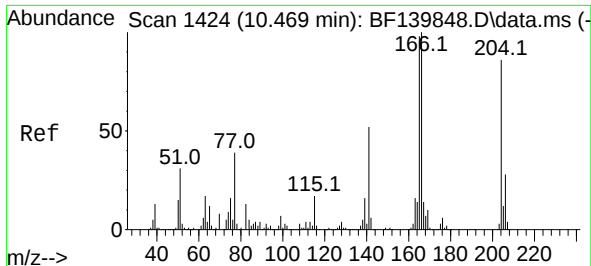
Tgt Ion:232 Resp: 300306
Ion Ratio Lower Upper
232 100
131 45.6 37.0 55.6
130 2.4 1.9 2.9
166 29.3 24.2 36.2



#60
Diethylphthalate
Concen: 47.634 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

Tgt Ion:149 Resp: 1180411
Ion Ratio Lower Upper
149 100
177 21.9 17.9 26.9
150 12.5 10.1 15.1

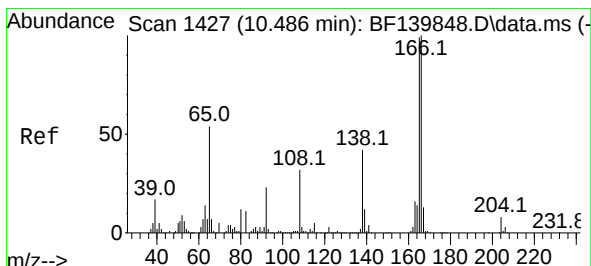
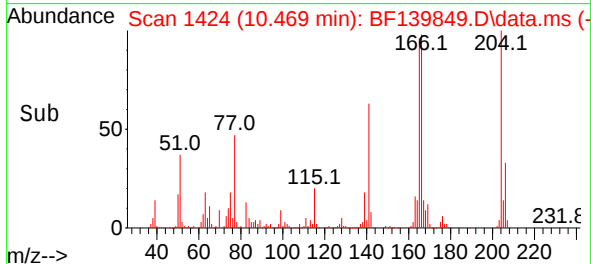
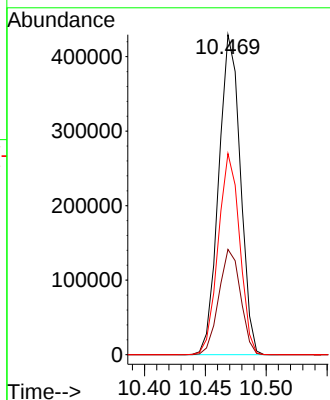
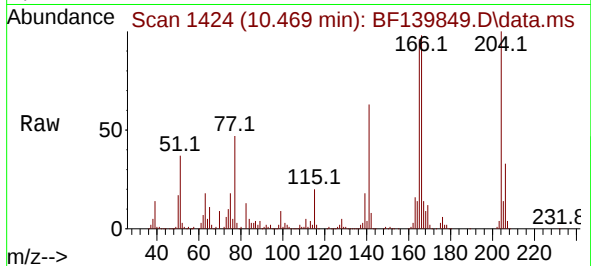




#61
4-Chlorophenyl-phenylether
Concen: 45.427 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

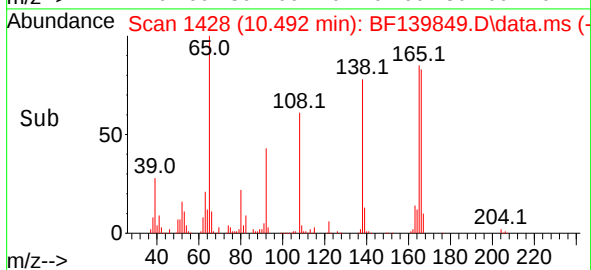
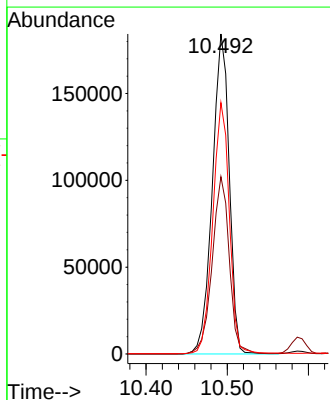
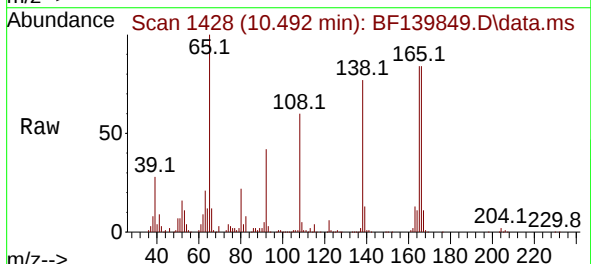
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

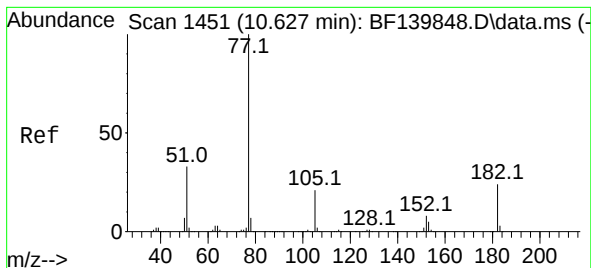
Tgt Ion:204 Resp: 532654
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 62.9 48.6 73.0



#62
4-Nitroaniline
Concen: 50.037 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

Tgt Ion:138 Resp: 266320
Ion Ratio Lower Upper
138 100
92 55.4 35.7 75.7
108 78.6 57.5 97.5





#63

Azobenzene

Concen: 46.881 ng

RT: 10.633 min Scan# 1452

Delta R.T. 0.006 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 1231644

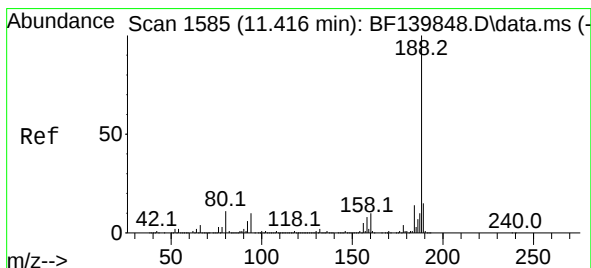
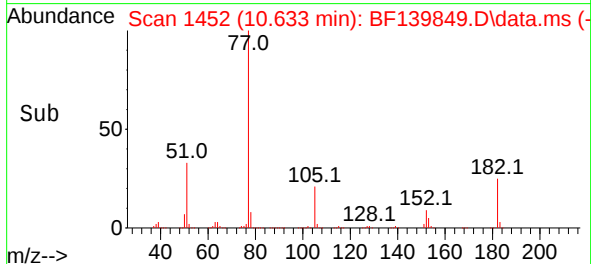
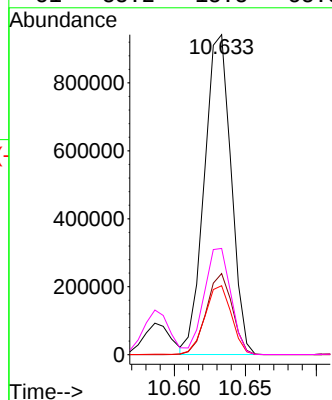
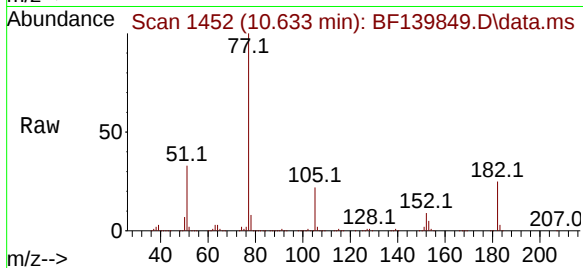
Ion Ratio Lower Upper

77 100

182 25.4 3.3 43.3

105 21.5 1.2 41.2

51 33.2 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: BF139849.D

Acq: 18 Oct 2024 12:49

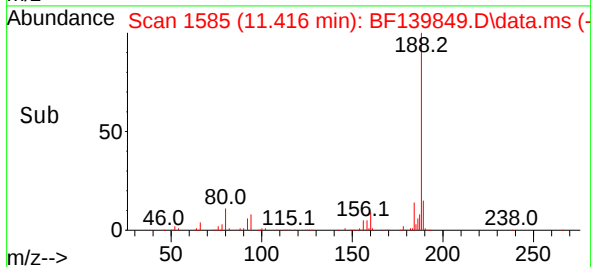
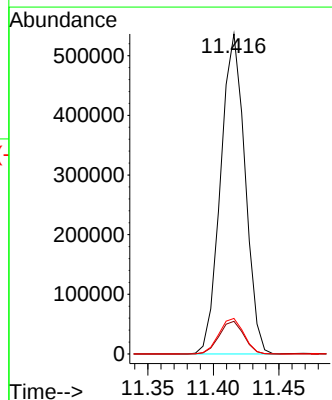
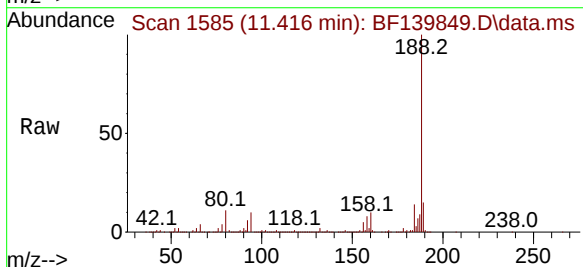
Tgt Ion:188 Resp: 694873

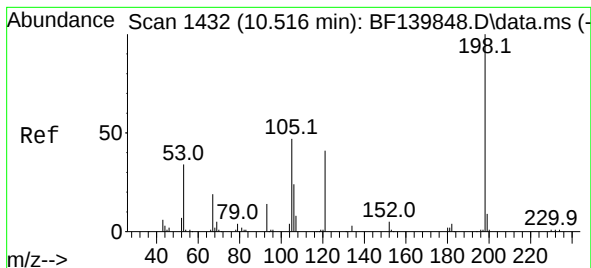
Ion Ratio Lower Upper

188 100

94 10.2 7.9 11.9

80 11.1 9.0 13.4

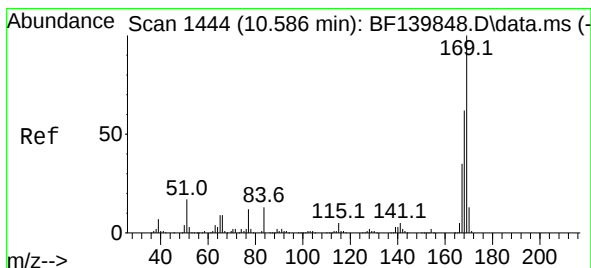
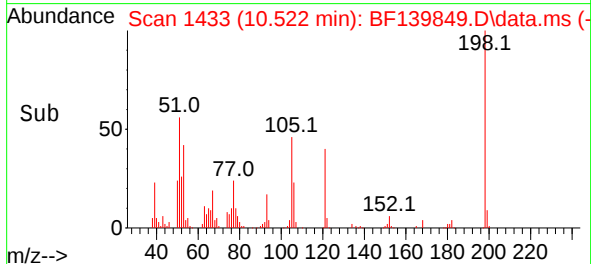
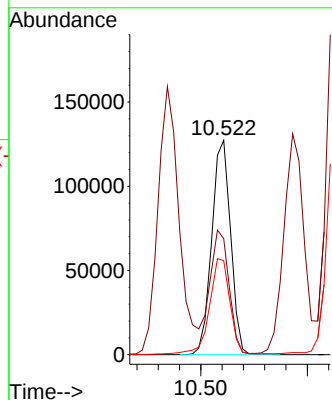
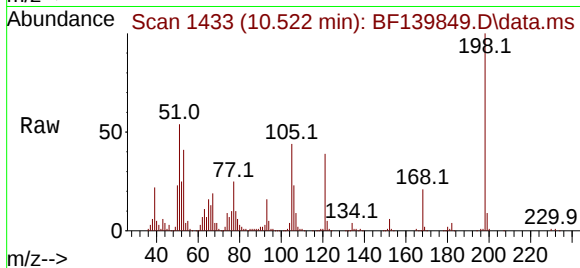




#65
4,6-Dinitro-2-methylphenol
Concen: 55.202 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

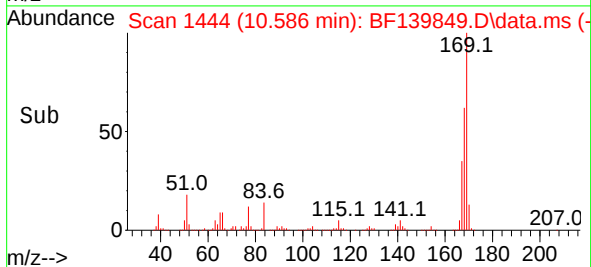
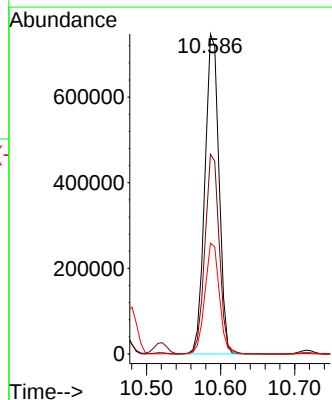
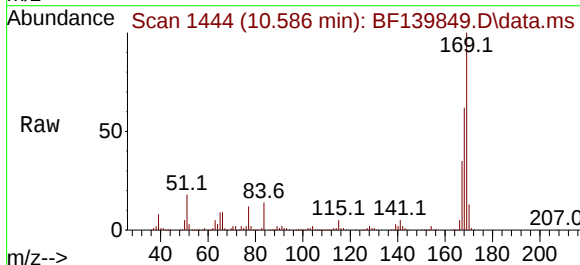
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

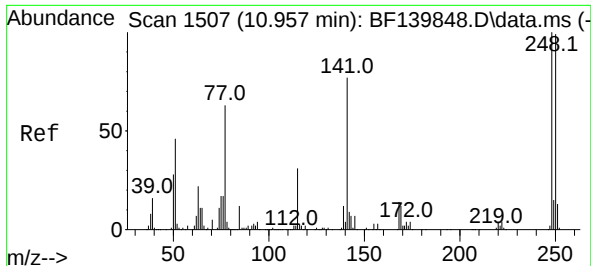
Tgt Ion:198 Resp: 156461
Ion Ratio Lower Upper
198 100
51 54.1 38.2 78.2
105 43.9 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 47.472 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

Tgt Ion:169 Resp: 987295
Ion Ratio Lower Upper
169 100
168 62.4 49.8 74.6
167 34.6 28.0 42.0

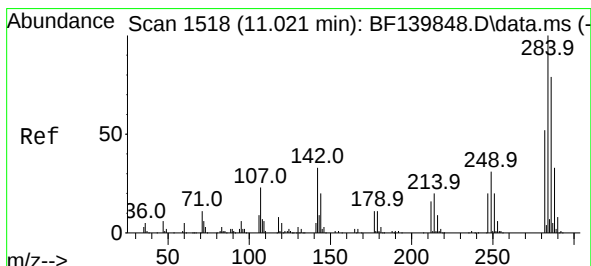
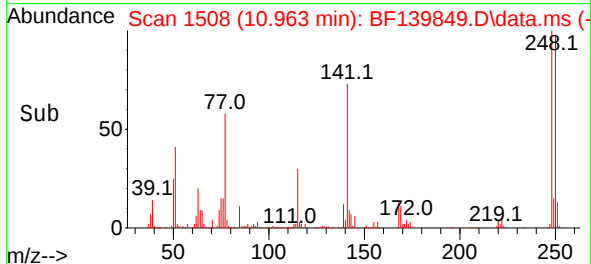
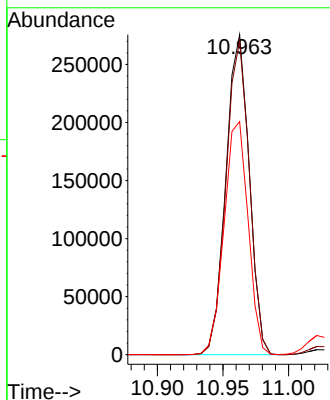
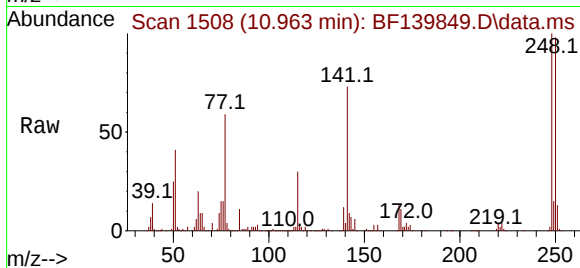




#67
4-Bromophenyl-phenylether
Concen: 47.746 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

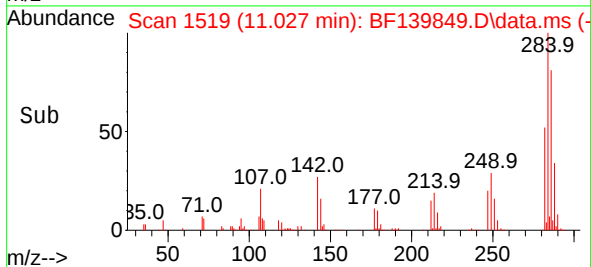
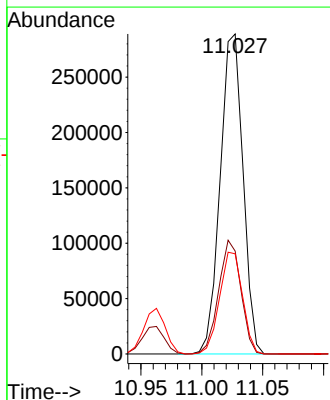
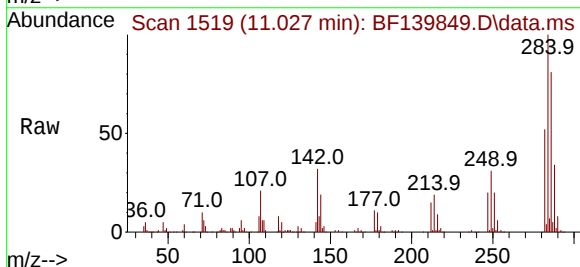
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

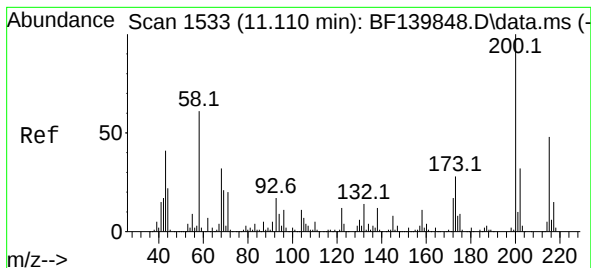
Tgt Ion:248 Resp: 341790
Ion Ratio Lower Upper
248 100
250 98.1 79.0 118.6
141 72.9 61.7 92.5



#68
Hexachlorobenzene
Concen: 46.823 ng
RT: 11.027 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

Tgt Ion:284 Resp: 376968
Ion Ratio Lower Upper
284 100
142 32.2 26.9 40.3
249 31.3 25.3 37.9





#69

Atrazine

Concen: 41.713 ng

RT: 11.110 min Scan# 1533

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

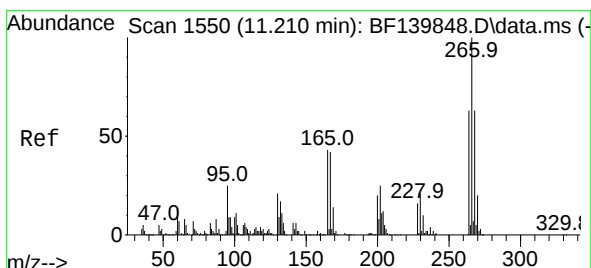
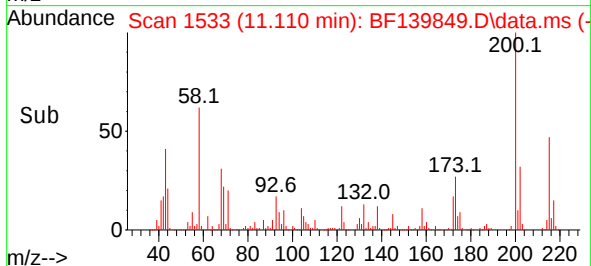
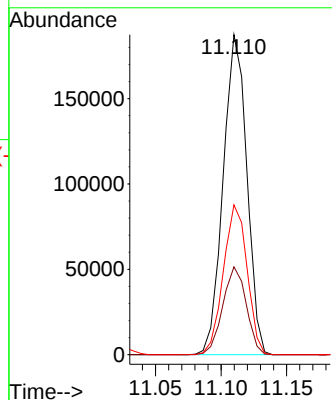
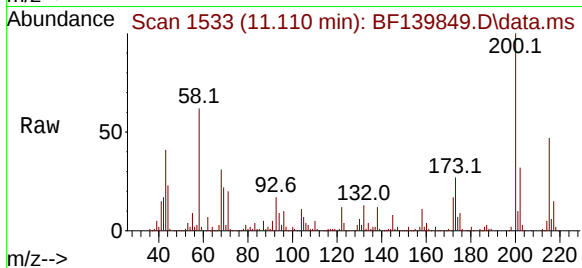
Tgt Ion:200 Resp: 234998

Ion Ratio Lower Upper

200 100

173 27.4 7.7 47.7

215 46.8 27.7 67.7



#70

Pentachlorophenol

Concen: 51.587 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

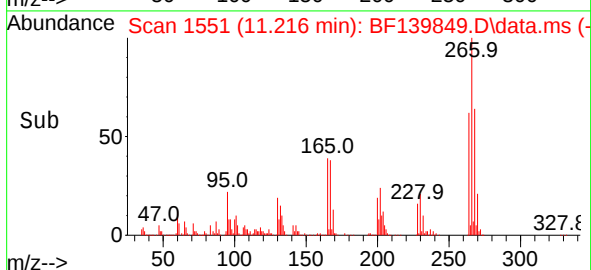
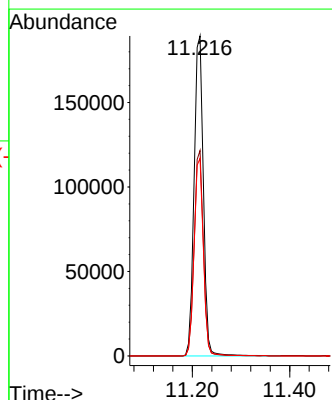
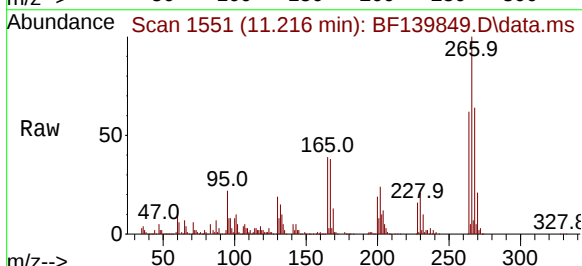
Tgt Ion:266 Resp: 252064

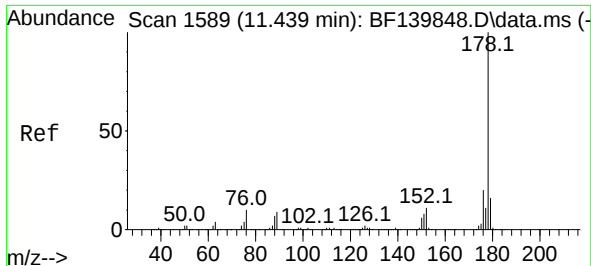
Ion Ratio Lower Upper

266 100

268 64.2 50.4 75.6

264 61.7 50.6 75.8

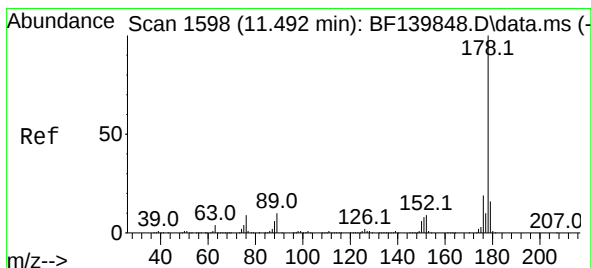
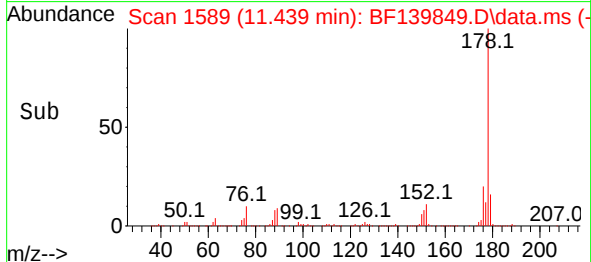
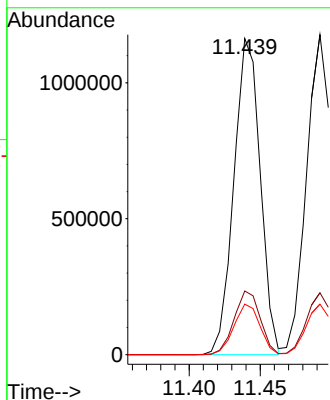
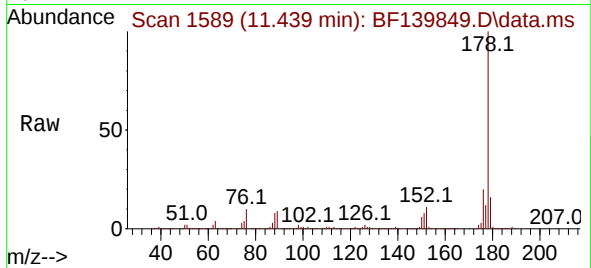




#71
Phenanthrene
Concen: 45.700 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

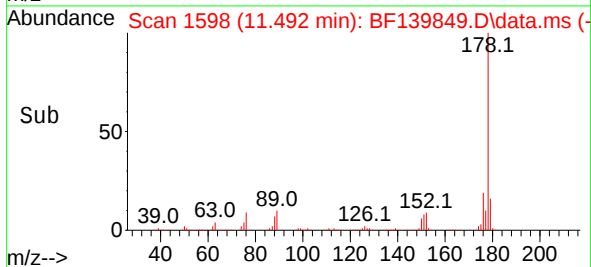
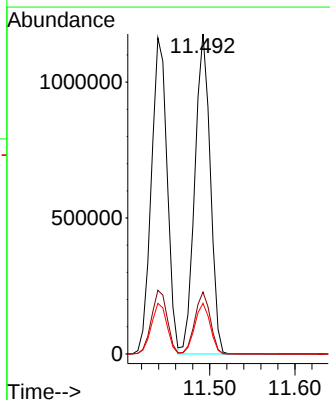
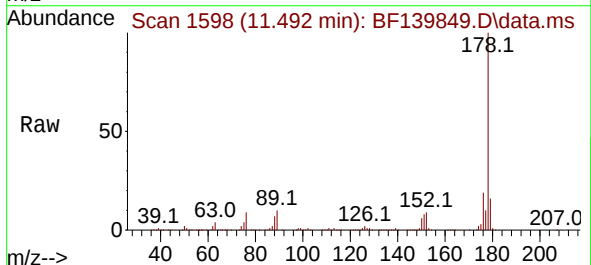
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

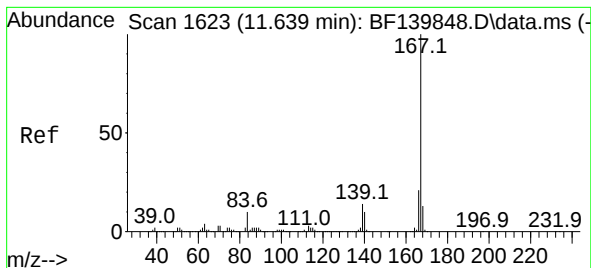
Tgt Ion:178 Resp: 1500010
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.6
179 16.0 12.6 18.8



#72
Anthracene
Concen: 46.172 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

Tgt Ion:178 Resp: 1478655
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.8 12.4 18.6





#73

Carbazole

Concen: 45.263 ng

RT: 11.645 min Scan# 1624

Delta R.T. 0.006 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

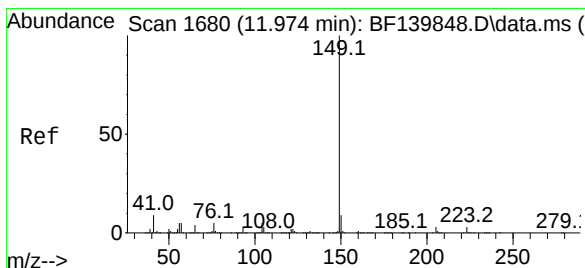
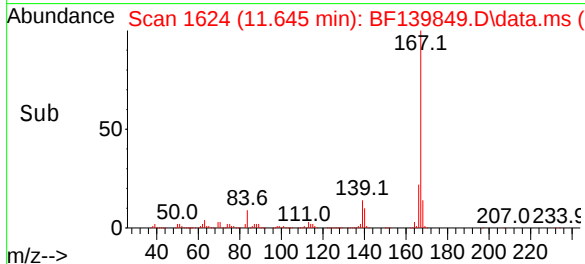
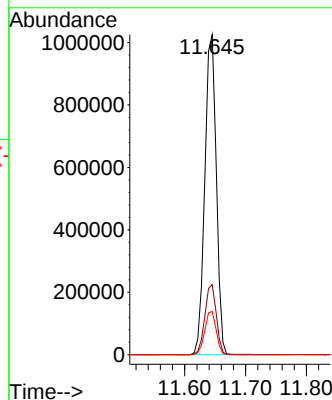
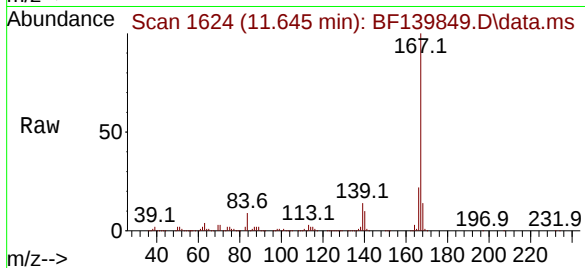
Tgt Ion:167 Resp: 1348098

Ion Ratio Lower Upper

167 100

166 21.9 17.0 25.6

139 13.5 10.8 16.2



#74

Di-n-butylphthalate

Concen: 46.583 ng

RT: 11.974 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

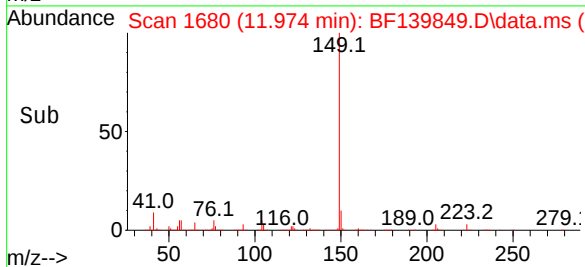
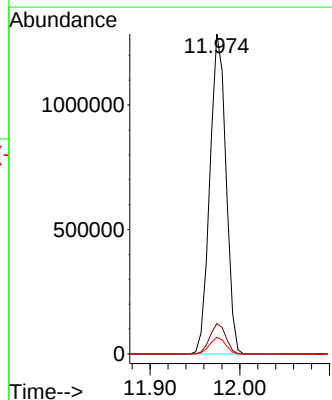
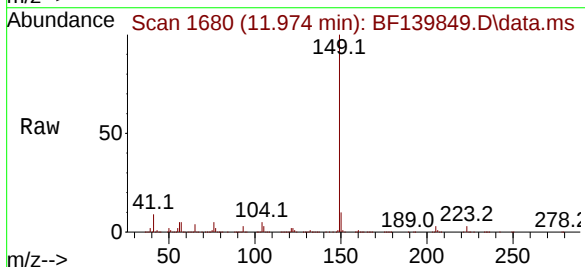
Tgt Ion:149 Resp: 1602928

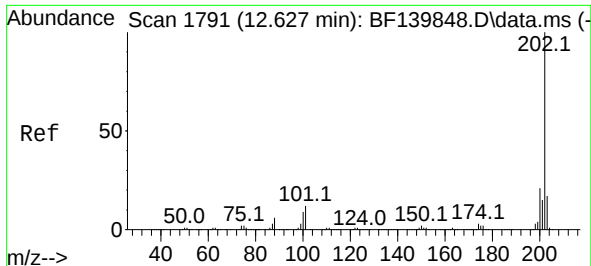
Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

104 5.2 4.1 6.1

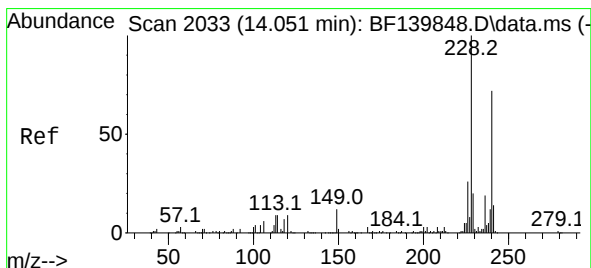
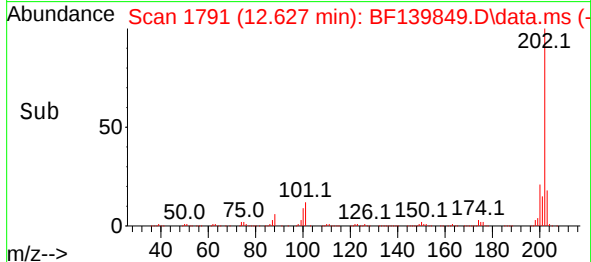
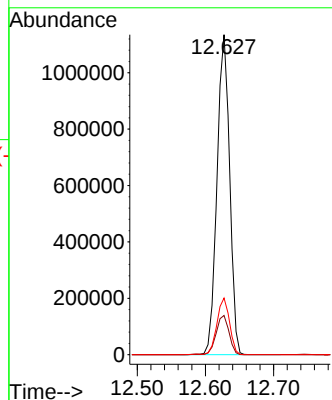
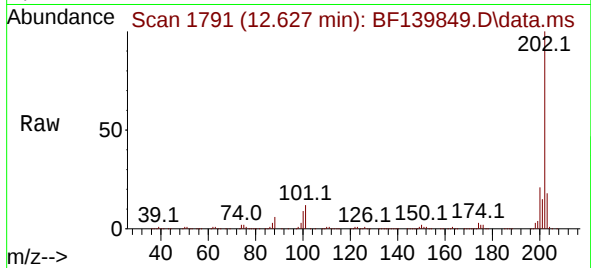




#75
Fluoranthene
Concen: 44.089 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

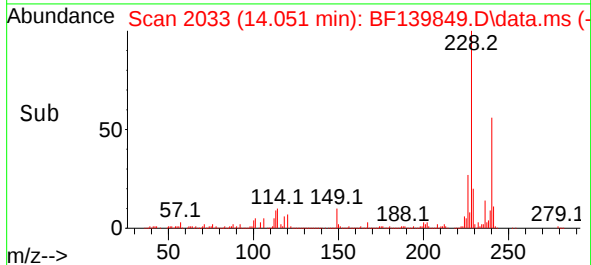
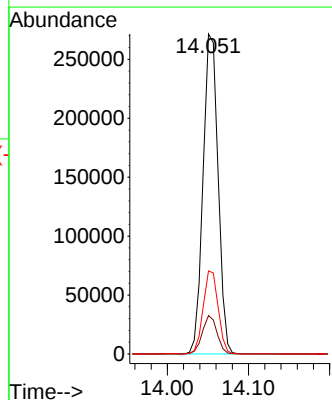
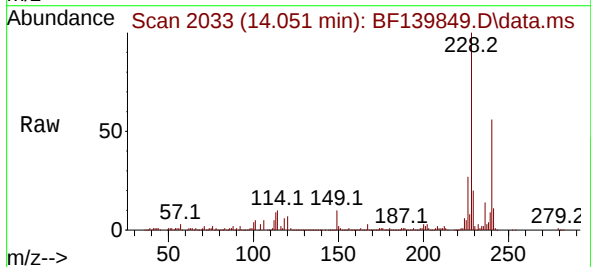
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

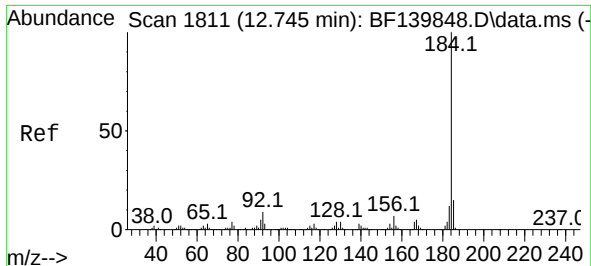
Tgt Ion:202 Resp: 1462936
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.9
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

Tgt Ion:240 Resp: 349496
Ion Ratio Lower Upper
240 100
120 12.0 9.4 14.2
236 26.0 20.9 31.3

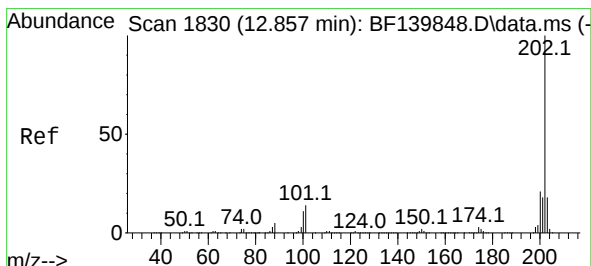
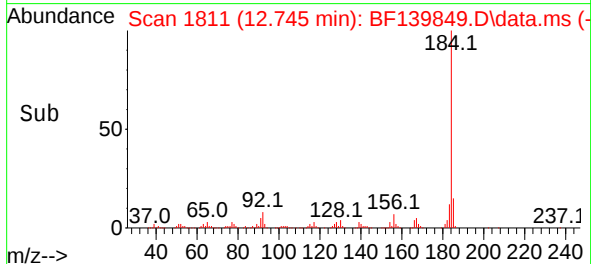
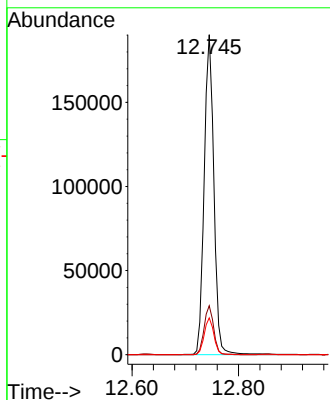
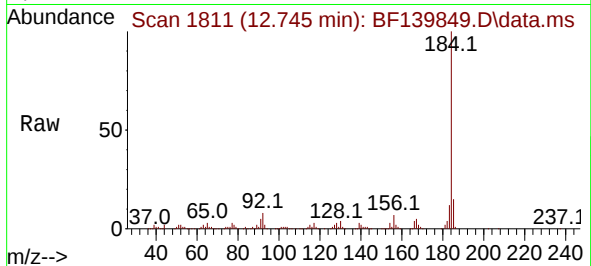




#77
Benzidine
Concen: 42.388 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

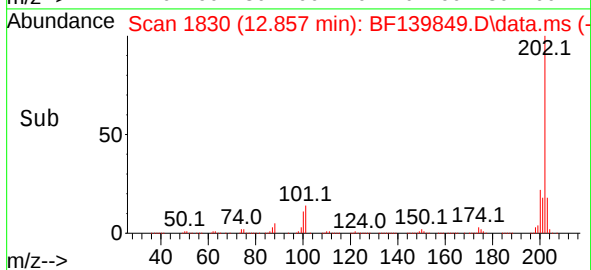
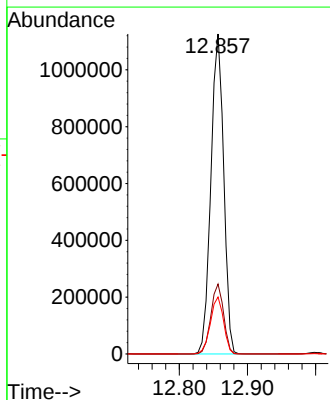
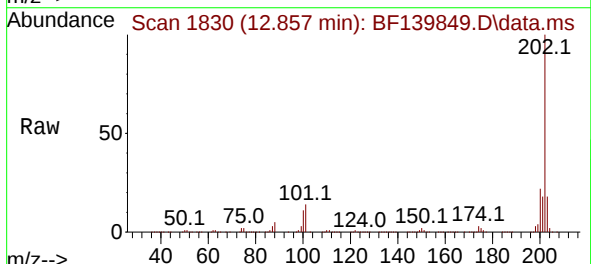
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

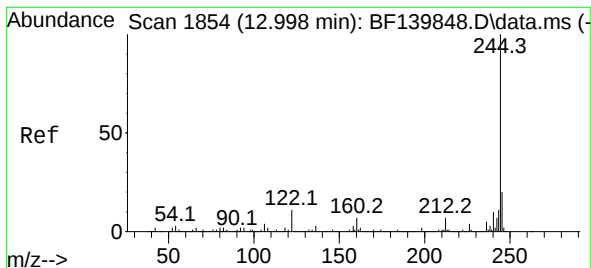
Tgt Ion:184 Resp: 240940
Ion Ratio Lower Upper
184 100
185 15.3 12.0 18.0
183 11.5 9.4 14.2



#78
Pyrene
Concen: 48.113 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139849.D
Acq: 18 Oct 2024 12:49

Tgt Ion:202 Resp: 1471893
Ion Ratio Lower Upper
202 100
200 21.8 17.2 25.8
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 93.988 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

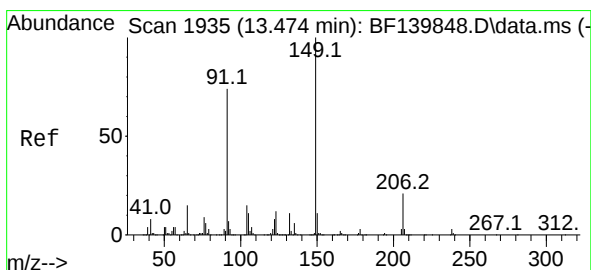
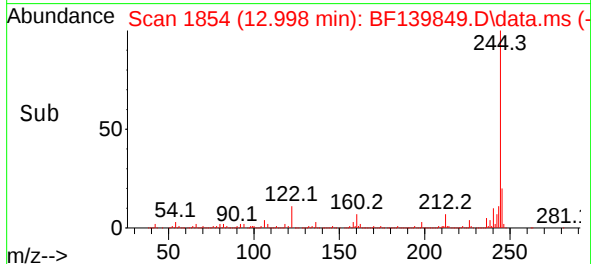
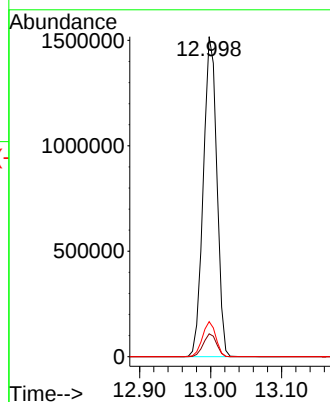
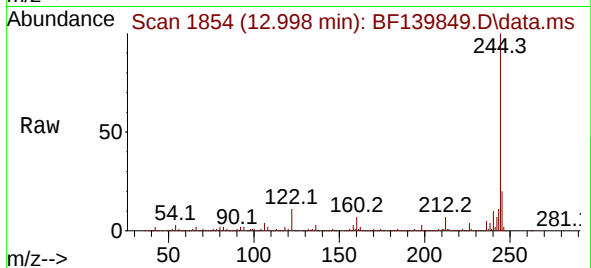
Tgt Ion:244 Resp: 2015874

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 11.0 8.6 13.0



#80

Butylbenzylphthalate

Concen: 50.944 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

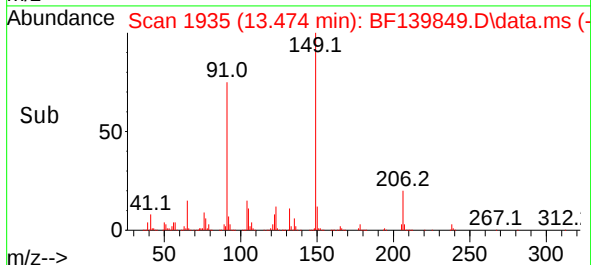
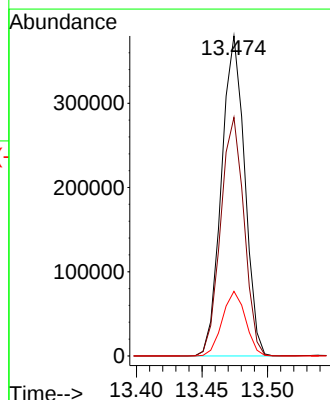
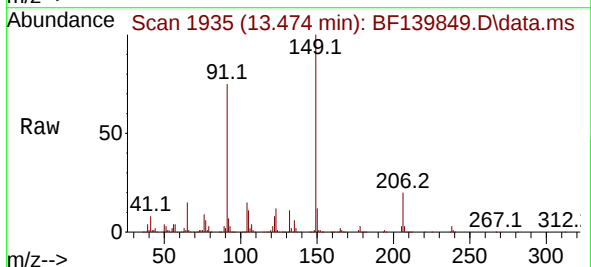
Tgt Ion:149 Resp: 467242

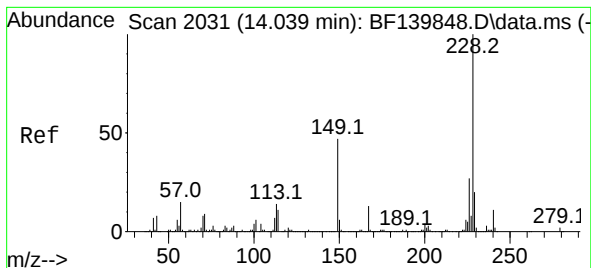
Ion Ratio Lower Upper

149 100

91 74.5 59.4 89.2

206 20.2 16.4 24.6





#81

Benzo(a)anthracene

Concen: 48.667 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

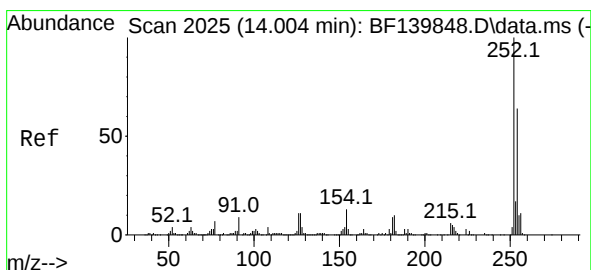
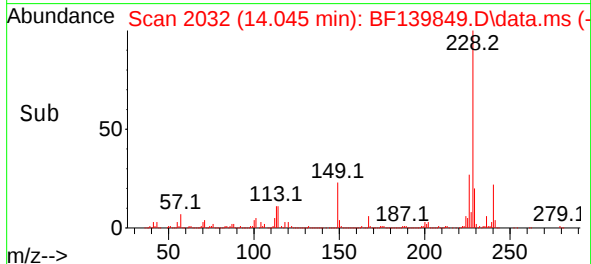
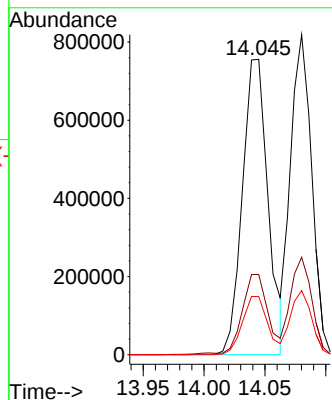
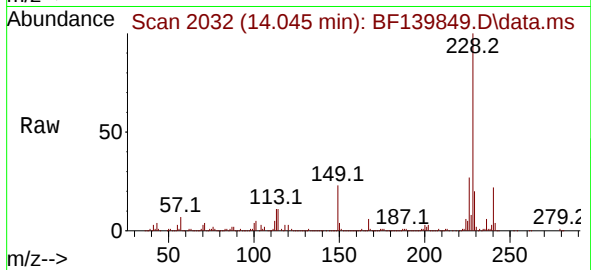
Tgt Ion:228 Resp: 1107235

Ion Ratio Lower Upper

228 100

226 27.1 21.6 32.4

229 19.7 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 49.251 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

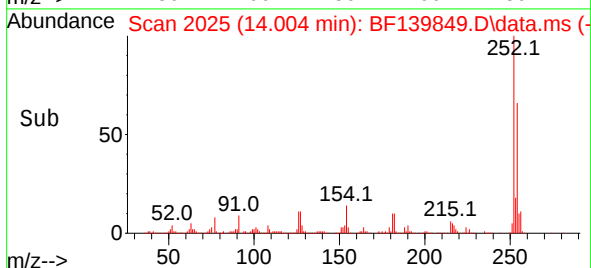
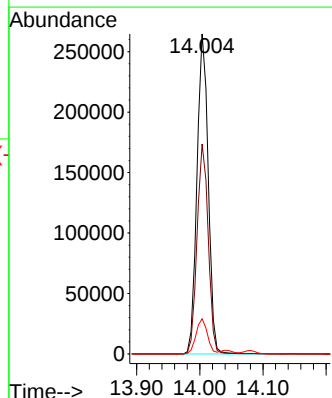
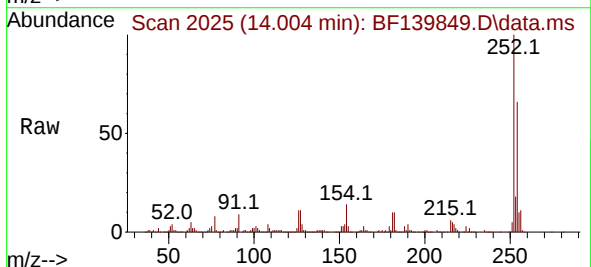
Tgt Ion:252 Resp: 326706

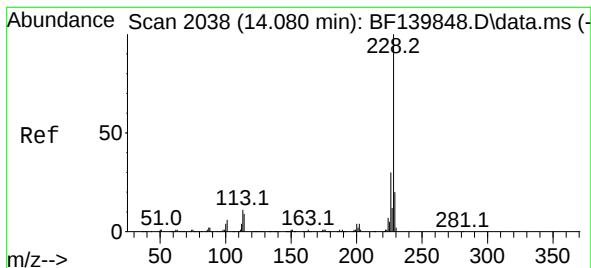
Ion Ratio Lower Upper

252 100

254 65.6 50.8 76.2

126 11.0 8.9 13.3





#83

Chrysene

Concen: 47.484 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

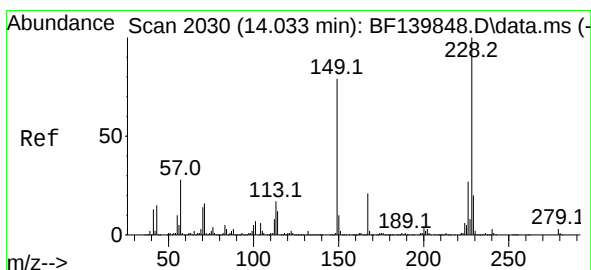
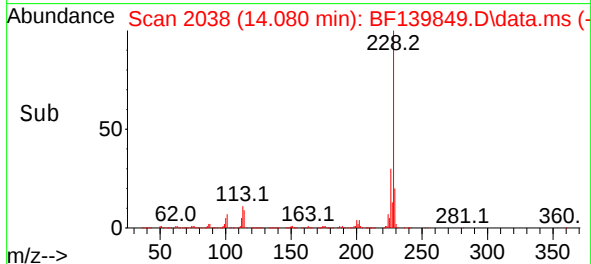
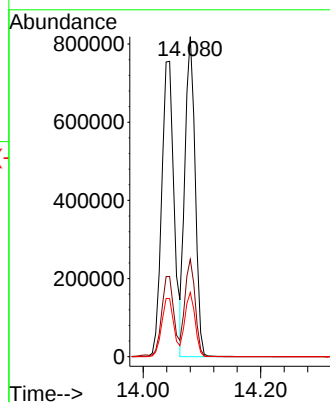
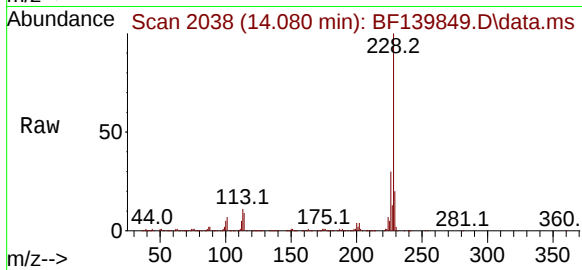
Tgt Ion:228 Resp: 990517

Ion Ratio Lower Upper

228 100

226 30.5 24.1 36.1

229 20.1 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.655 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

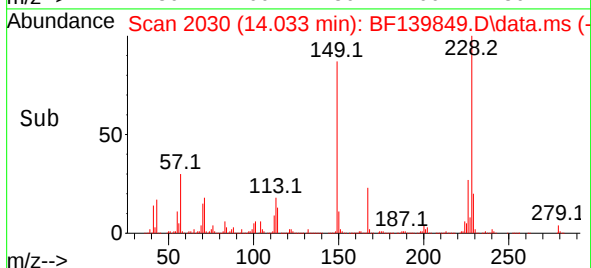
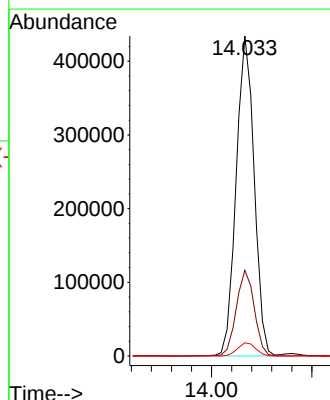
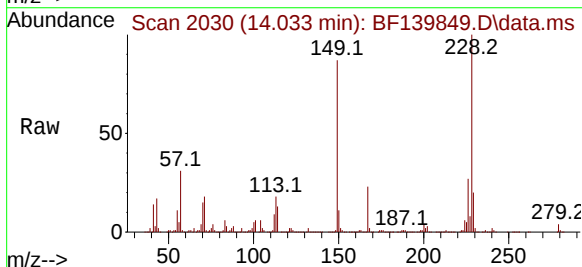
Tgt Ion:149 Resp: 541828

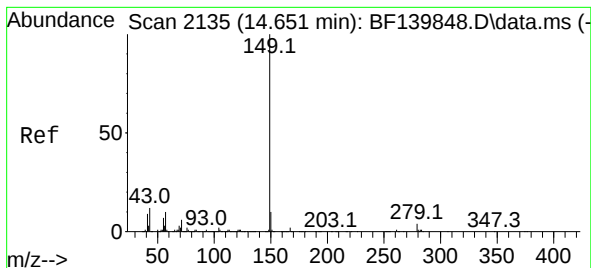
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 55.195 ng

RT: 14.651 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

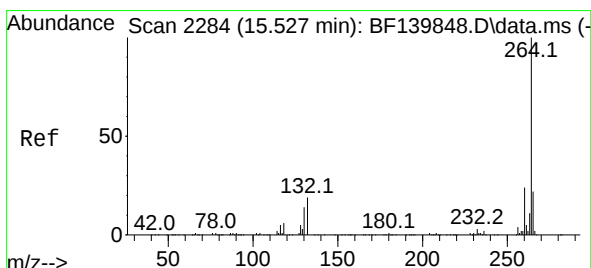
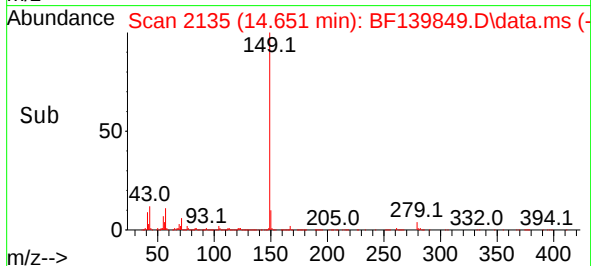
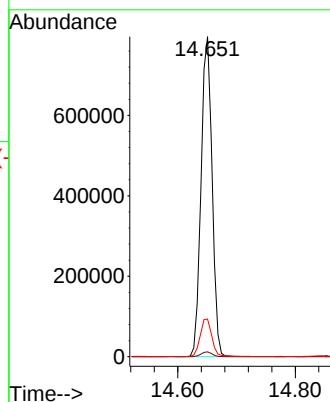
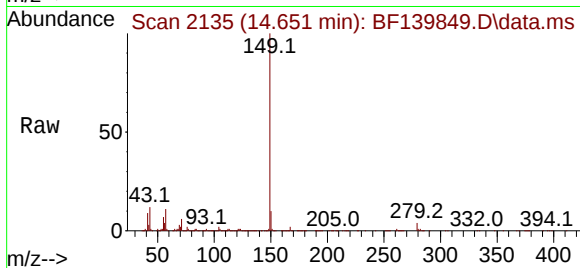
Tgt Ion:149 Resp: 1033054

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.4 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: BF139849.D

Acq: 18 Oct 2024 12:49

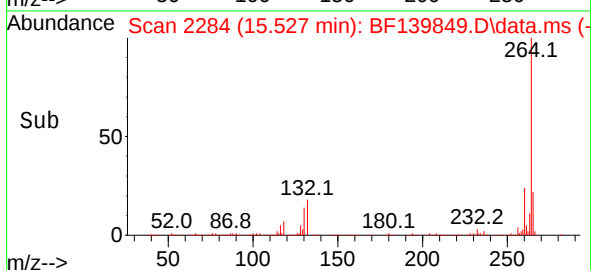
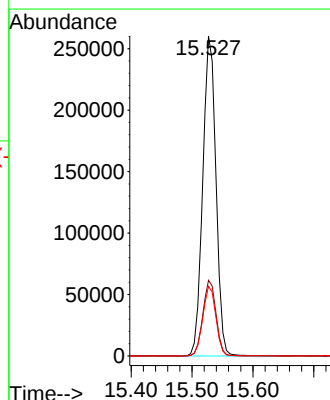
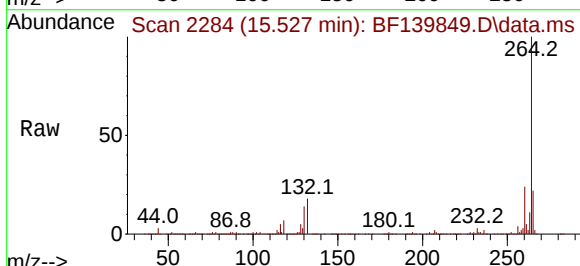
Tgt Ion:264 Resp: 390757

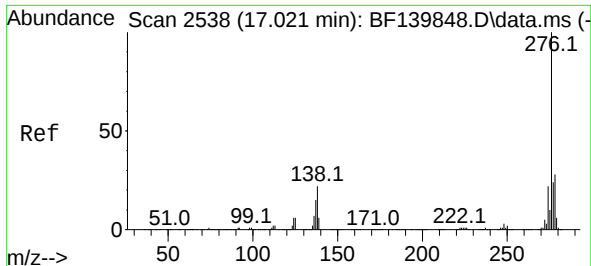
Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.463 ng

RT: 17.027 min Scan# 2539

Delta R.T. 0.006 min

Lab File: BF139849.D

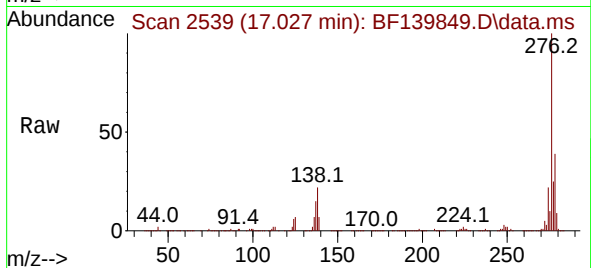
Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



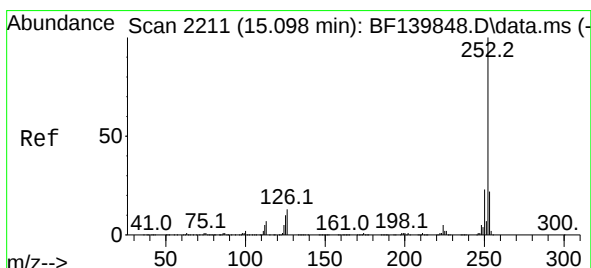
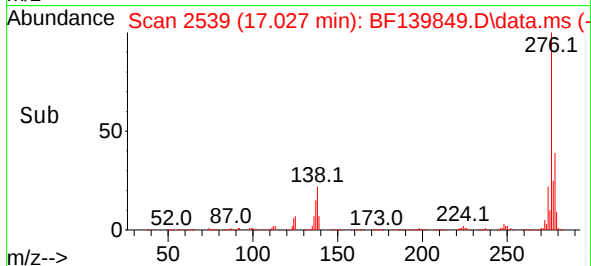
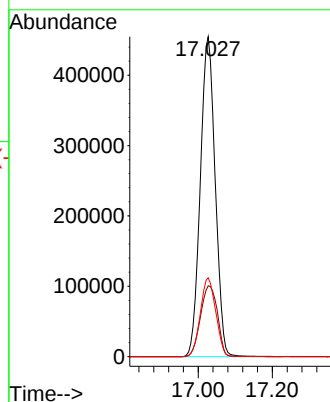
Tgt Ion:276 Resp: 1268552

Ion Ratio Lower Upper

276 100

138 25.2 20.4 30.6

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 45.369 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

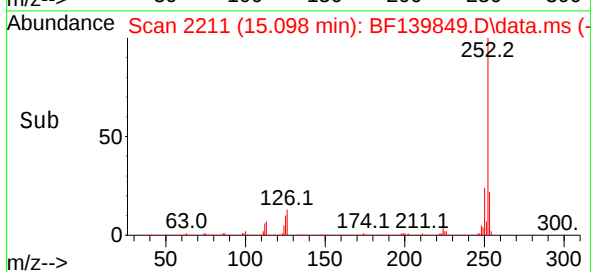
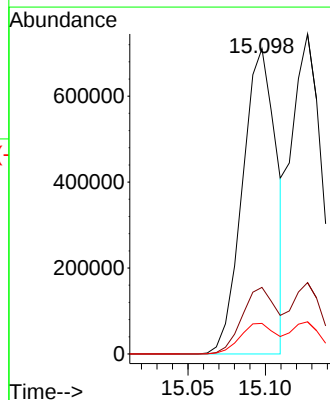
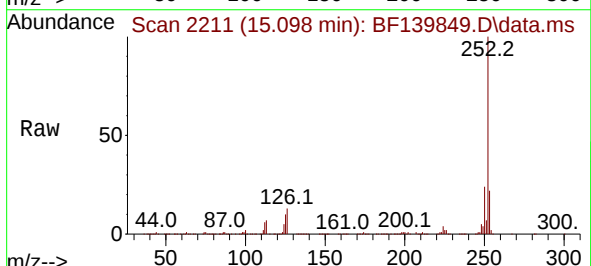
Tgt Ion:252 Resp: 1079928

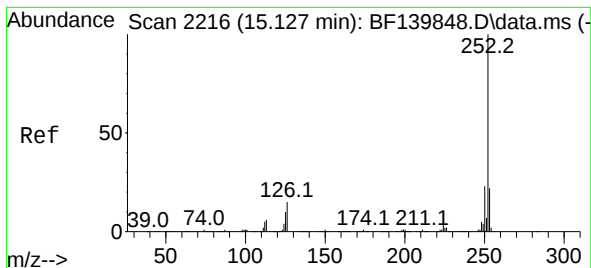
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 10.0 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 49.026 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

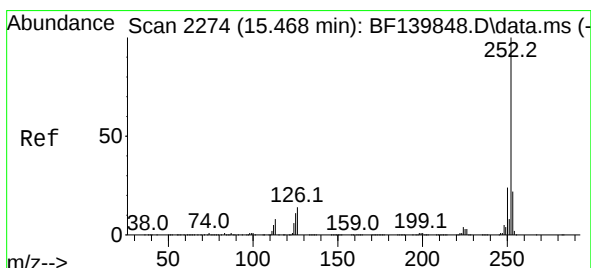
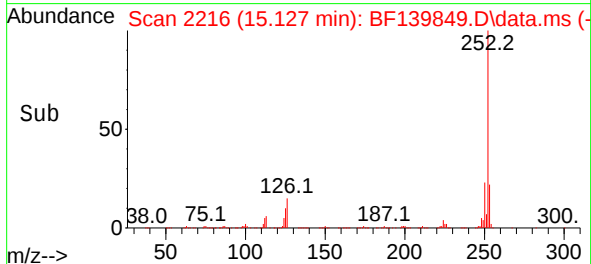
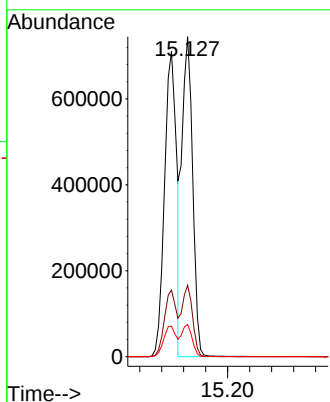
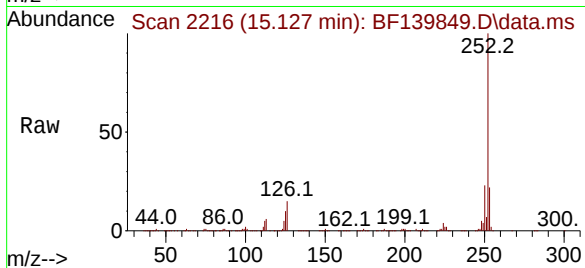
Tgt Ion:252 Resp: 1006425

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 10.0 7.9 11.9



#90

Benzo(a)pyrene

Concen: 48.573 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

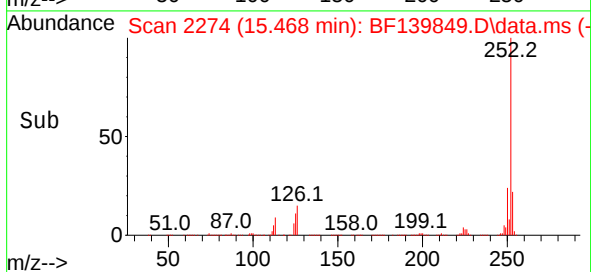
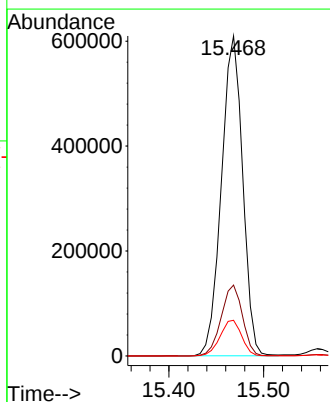
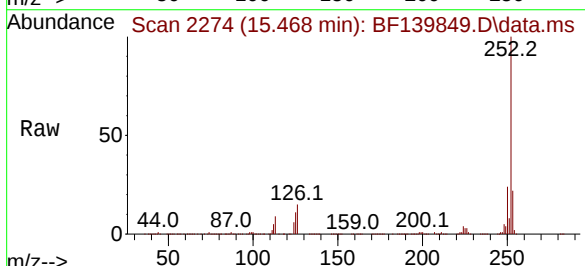
Tgt Ion:252 Resp: 951346

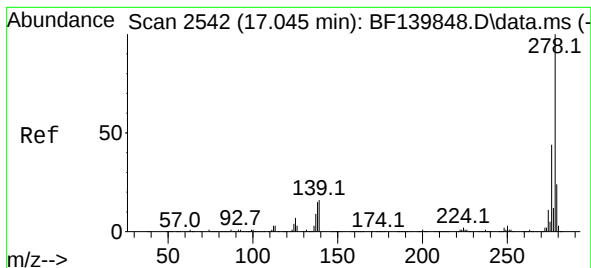
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 11.1 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 50.456 ng

RT: 17.045 min Scan# 2542

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

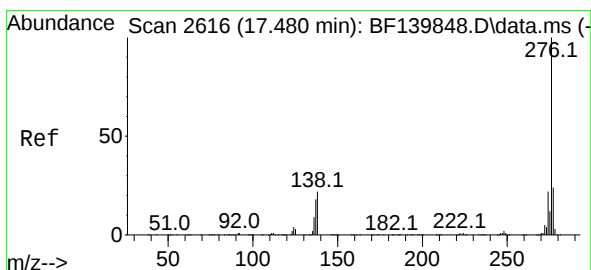
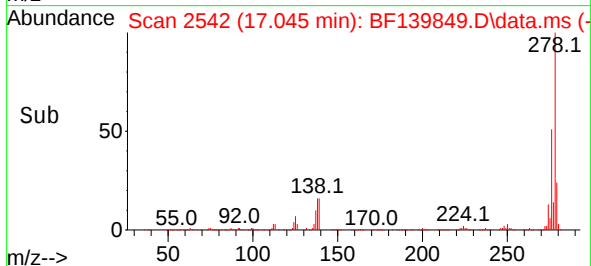
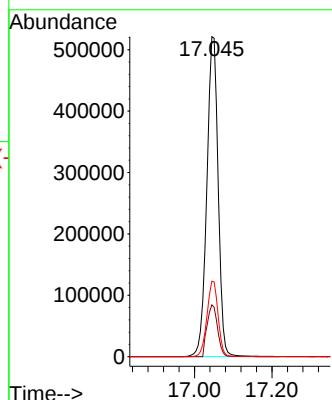
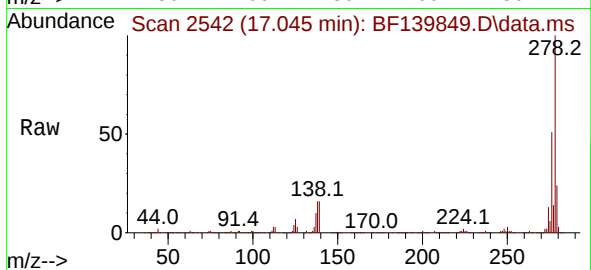
Tgt Ion:278 Resp: 1058119

Ion Ratio Lower Upper

278 100

139 16.2 13.1 19.7

279 23.6 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 50.394 ng

RT: 17.480 min Scan# 2616

Delta R.T. 0.000 min

Lab File: BF139849.D

Acq: 18 Oct 2024 12:49

Tgt Ion:276 Resp: 1055618

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.6

138 22.4 17.4 26.0

