

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138941.D
 Acq On : 12 Aug 2024 18:57
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 13 00:59:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	58181	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	239376	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	138963	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	240817	20.000	ng	0.00
76) Chrysene-d12	14.004	240	119797	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	116791	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	295144	78.307	ng	0.00
7) Phenol-d6	6.493	99	406461	80.323	ng	0.00
23) Nitrobenzene-d5	7.416	82	406964	83.120	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	97560	85.707	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	753677	81.489	ng	0.00
79) Terphenyl-d14	12.945	244	602942	84.266	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	57227	34.681	ng	97
3) Pyridine	3.352	79	145788	36.472	ng	95
4) n-Nitrosodimethylamine	3.316	42	105216	44.195	ng	83
6) Aniline	6.510	93	182381	40.413	ng	# 51
8) 2-Chlorophenol	6.634	128	161220	40.656	ng	99
9) Benzaldehyde	6.398	77	111831	36.866	ng	98
10) Phenol	6.504	94	213146	40.005	ng	# 75
11) bis(2-Chloroethyl)ether	6.581	93	154697	37.731	ng	99
12) 1,3-Dichlorobenzene	6.781	146	175274	39.486	ng	99
13) 1,4-Dichlorobenzene	6.857	146	175073	39.082	ng	98
14) 1,2-Dichlorobenzene	7.010	146	171075	40.863	ng	99
15) Benzyl Alcohol	6.993	79	161158	44.187	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	262998	37.273	ng	56
17) 2-Methylphenol	7.110	107	133416	40.744	ng	# 89
18) Hexachloroethane	7.345	117	69890	41.448	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	131680	43.084	ng	99
20) 3+4-Methylphenols	7.263	107	179116	42.634	ng	# 87
22) Acetophenone	7.257	105	251783	42.958	ng	99
24) Nitrobenzene	7.434	77	202813	40.708	ng	99
25) Isophorone	7.669	82	351819	42.082	ng	97
26) 2-Nitrophenol	7.745	139	90516	42.229	ng	96
27) 2,4-Dimethylphenol	7.787	122	102561	39.991	ng	95
28) bis(2-Chloroethoxy)met...	7.875	93	202773	39.828	ng	98
29) 2,4-Dichlorophenol	7.992	162	138782	42.113	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	152895	40.203	ng	98
31) Naphthalene	8.145	128	508358	40.346	ng	99
32) Benzoic acid	7.945	122	73072	36.247	ng	96
33) 4-Chloroaniline	8.198	127	167369	39.572	ng	97
34) Hexachlorobutadiene	8.257	225	98666	42.833	ng	100
35) Caprolactam	8.592	113	43610	44.350	ng	98
36) 4-Chloro-3-methylphenol	8.692	107	164588	43.701	ng	100
37) 2-Methylnaphthalene	8.834	142	330892	41.582	ng	99
38) 1-Methylnaphthalene	8.934	142	322577	41.368	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	152846	39.595	ng	98
41) Hexachlorocyclopentadiene	8.981	237	34238	37.557	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	93072	39.544	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	102945	40.010	ng	98
46) 1,1'-Biphenyl	9.298	154	431832	39.678	ng	99
47) 2-Chloronaphthalene	9.328	162	317786	39.260	ng	99
48) 2-Nitroaniline	9.428	65	115255	42.002	ng	95
49) Acenaphthylene	9.739	152	451182	39.301	ng	99
50) Dimethylphthalate	9.604	163	377469	42.482	ng	99
51) 2,6-Dinitrotoluene	9.675	165	85933	42.853	ng	93
52) Acenaphthene	9.910	154	305652	39.607	ng	99
53) 3-Nitroaniline	9.845	138	82208	39.656	ng	97
54) 2,4-Dinitrophenol	9.957	184	45796	49.611	ng	85
55) Dibenzofuran	10.081	168	440015	40.392	ng	98
56) 4-Nitrophenol	10.028	139	60200	48.291	ng	93
57) 2,4-Dinitrotoluene	10.081	165	114172	44.626	ng	# 86
58) Fluorene	10.428	166	361842	41.711	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	83278	42.335	ng	97
60) Diethylphthalate	10.298	149	386080	45.826	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	180900	42.400	ng	96
62) 4-Nitroaniline	10.463	138	81336	41.287	ng	90
63) Azobenzene	10.575	77	383622	41.055	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	59830	40.723	ng	93
66) n-Nitrosodiphenylamine	10.539	169	298490	39.654	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	105627	40.512	ng	98
68) Hexachlorobenzene	10.975	284	107471	39.922	ng	100
69) Atrazine	11.063	200	77285	39.795	ng	99
70) Pentachlorophenol	11.175	266	52172	42.996	ng	99
71) Phenanthrene	11.386	178	503343	40.592	ng	99
72) Anthracene	11.439	178	492551	40.321	ng	100
73) Carbazole	11.598	167	421510	39.994	ng	99
74) Di-n-butylphthalate	11.916	149	559178	47.197	ng	99
75) Fluoranthene	12.575	202	473694	40.919	ng	98
77) Benzidine	12.698	184	78945	27.552	ng	98
78) Pyrene	12.804	202	465209	41.245	ng	99
80) Butylbenzylphthalate	13.410	149	159773	44.235	ng	99
81) Benzo(a)anthracene	13.992	228	314465	38.119	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	85418	40.462	ng	99
83) Chrysene	14.033	228	291770	39.203	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	207022	39.141	ng	100
85) Di-n-octyl phthalate	14.580	149	345083	35.264	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	309402	36.967	ng	95
88) Benzo(b)fluoranthene	15.039	252	312751	43.198	ng	98
89) Benzo(k)fluoranthene	15.068	252	234884	37.471	ng	99
90) Benzo(a)pyrene	15.404	252	243643	40.008	ng	99
91) Dibenzo(a,h)anthracene	16.957	278	255158	37.139	ng	97
92) Benzo(g,h,i)perylene	17.392	276	256083	35.919	ng	97

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

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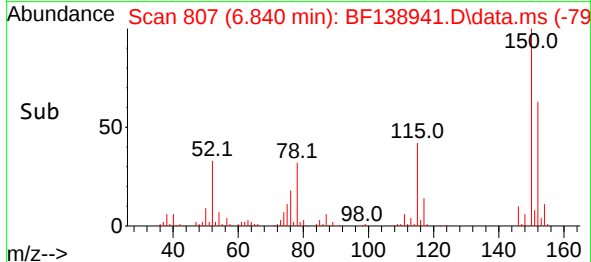
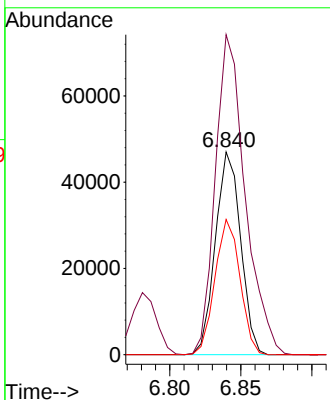
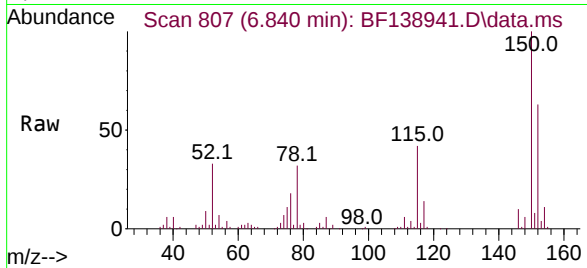




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

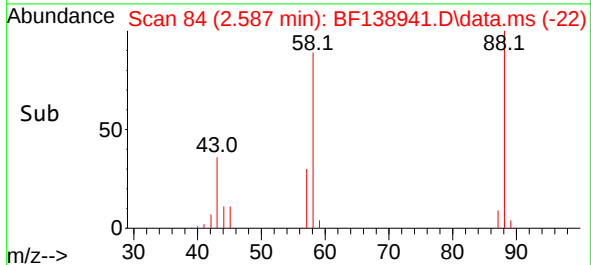
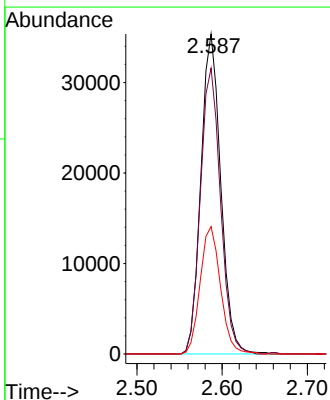
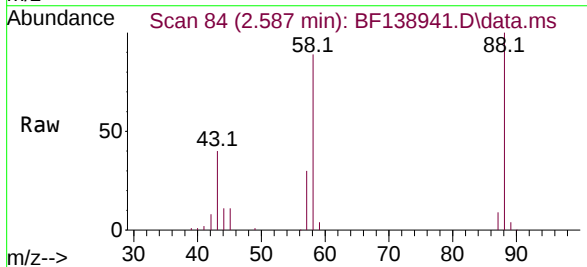
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 58181
Ion Ratio Lower Upper
152 100
150 157.8 126.0 189.0
115 66.7 51.7 77.5



#2
1,4-Dioxane
Concen: 34.681 ng
RT: 2.587 min Scan# 84
Delta R.T. 0.012 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion: 88 Resp: 57227
Ion Ratio Lower Upper
88 100
58 90.3 71.6 107.4
43 40.9 28.7 43.1





#3

Pyridine

Concen: 36.472 ng

RT: 3.352 min Scan# 211

Delta R.T. 0.018 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

Instrument :

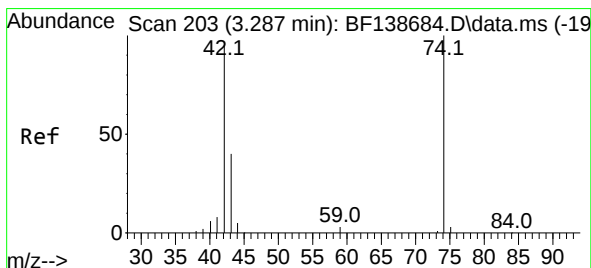
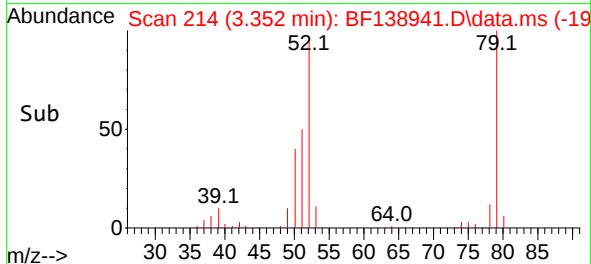
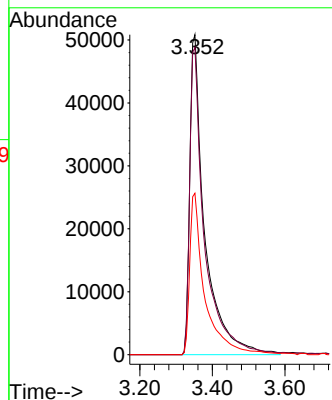
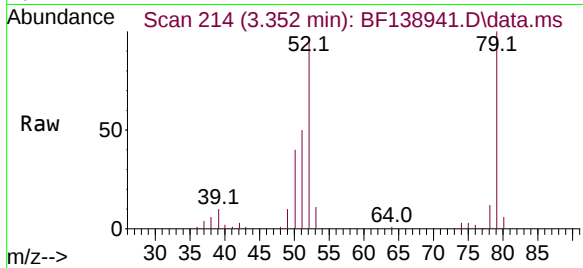
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 145788

Ion	Ratio	Lower	Upper
79	100		
52	96.0	74.7	112.1
51	50.4	34.6	51.8



#4

n-Nitrosodimethylamine

Concen: 44.195 ng

RT: 3.316 min Scan# 208

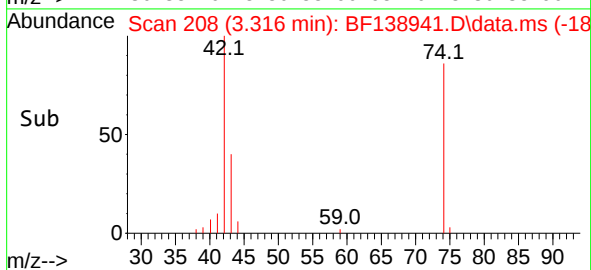
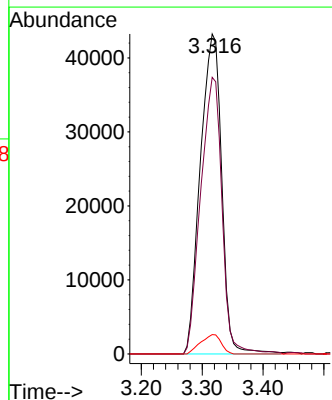
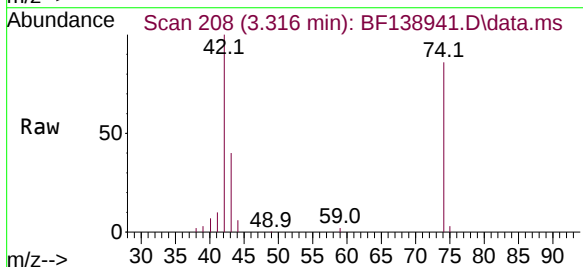
Delta R.T. 0.029 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

Tgt Ion: 42 Resp: 105216

Ion	Ratio	Lower	Upper
42	100		
74	86.5	84.2	126.4
44	6.0	4.9	7.3

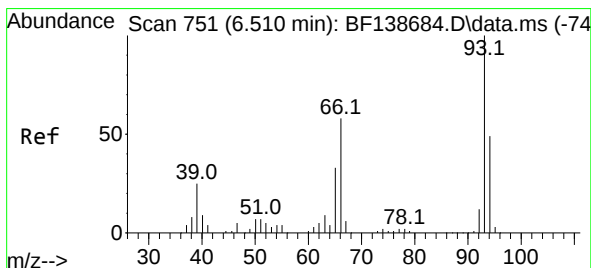
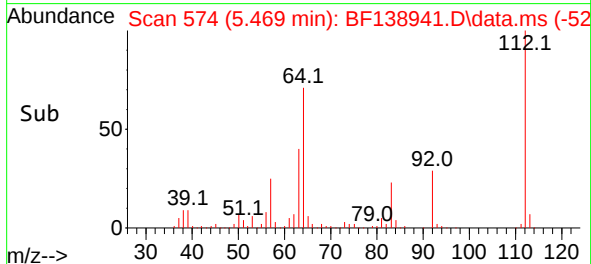
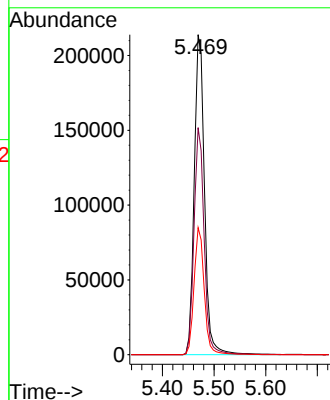
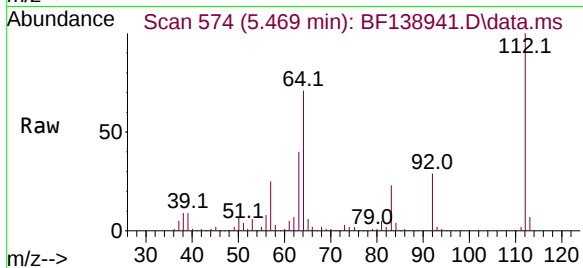




#5
2-Fluorophenol
Concen: 78.307 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

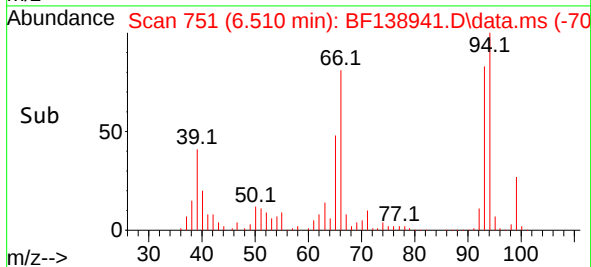
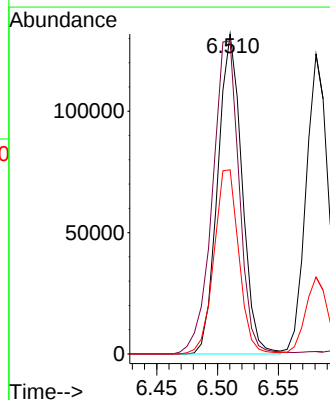
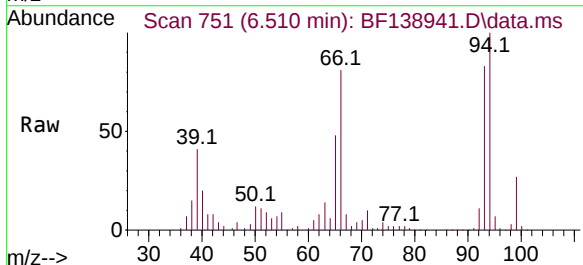
Instrument :
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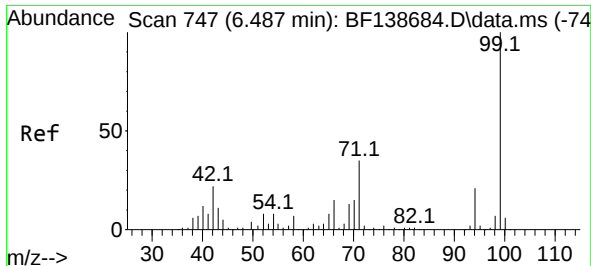
Tgt Ion:112 Resp: 295144
Ion Ratio Lower Upper
112 100
64 71.0 54.2 81.4
63 39.7 28.7 43.1



#6
Aniline
Concen: 40.413 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion: 93 Resp: 182381
Ion Ratio Lower Upper
93 100
66 97.8 46.9 70.3#
65 57.5 26.5 39.7#

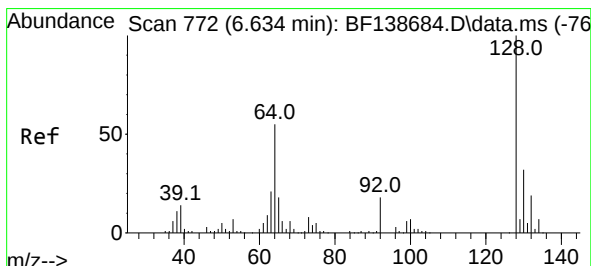
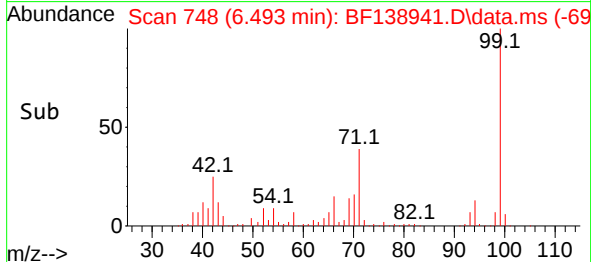
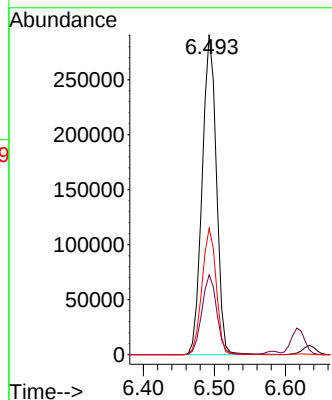
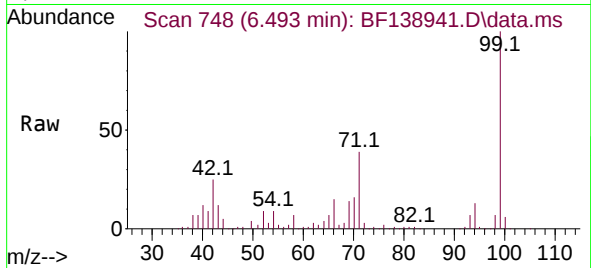




#7
Phenol-d6
Concen: 80.323 ng
RT: 6.493 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

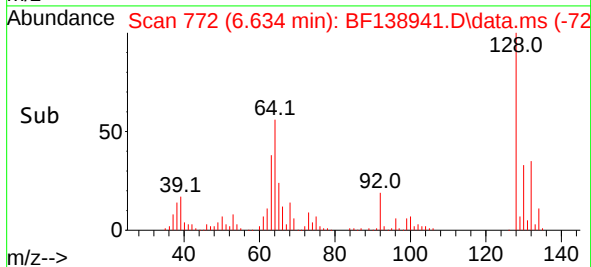
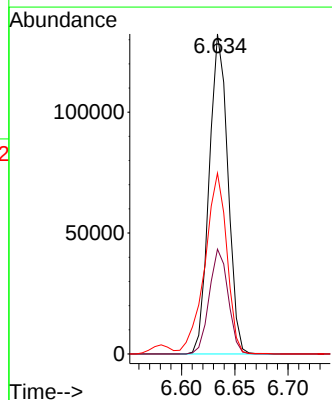
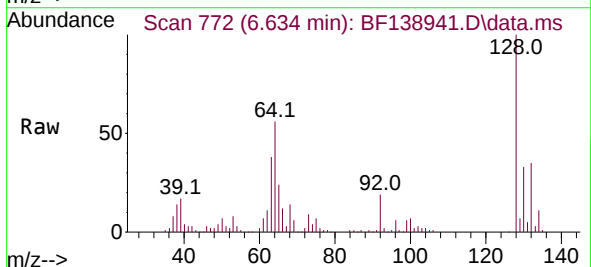
Instrument :
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Tgt Ion: 99 Resp: 406461
Ion Ratio Lower Upper
99 100
42 25.0 17.4 26.0
71 39.5 28.1 42.1



#8
2-Chlorophenol
Concen: 40.656 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion:128 Resp: 161220
Ion Ratio Lower Upper
128 100
130 32.7 12.0 52.0
64 56.5 36.3 76.3





#9

Benzaldehyde

Concen: 36.866 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

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ClientSampleId :

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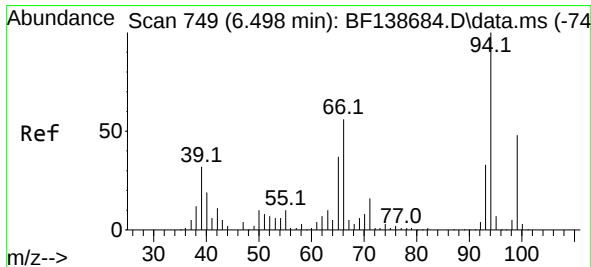
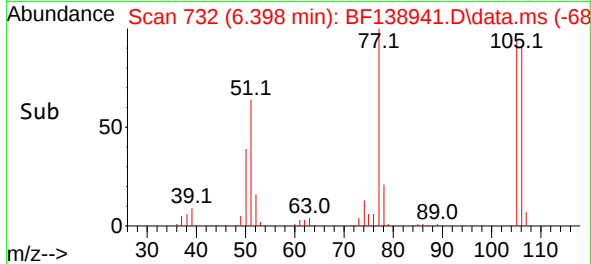
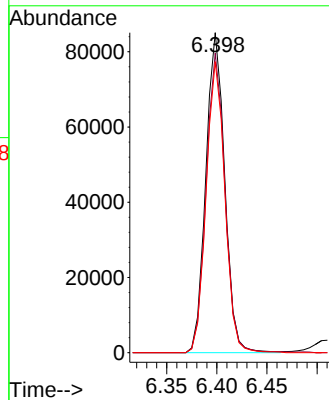
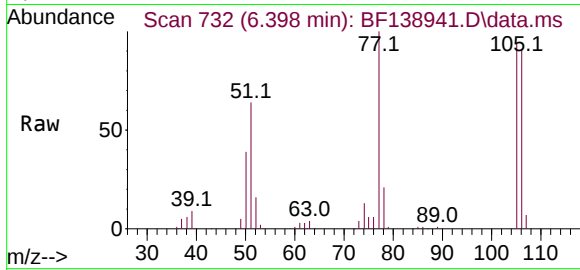
Tgt Ion: 77 Resp: 111831

Ion Ratio Lower Upper

77 100

105 93.7 72.9 112.9

106 90.9 68.4 108.4



#10

Phenol

Concen: 40.005 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

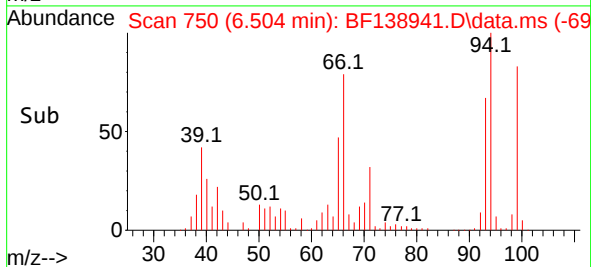
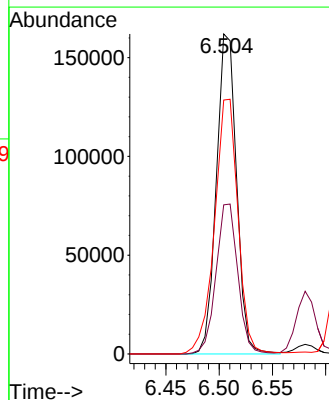
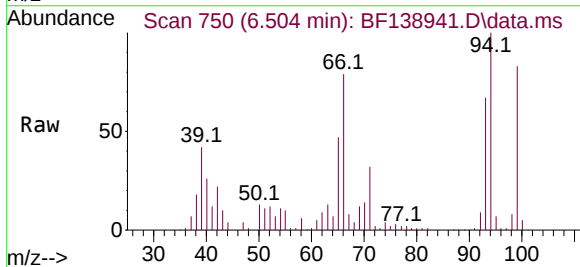
Tgt Ion: 94 Resp: 213146

Ion Ratio Lower Upper

94 100

65 46.6 16.9 56.9

66 79.3 36.5 76.5#





#11

bis(2-Chloroethyl)ether

Concen: 37.731 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

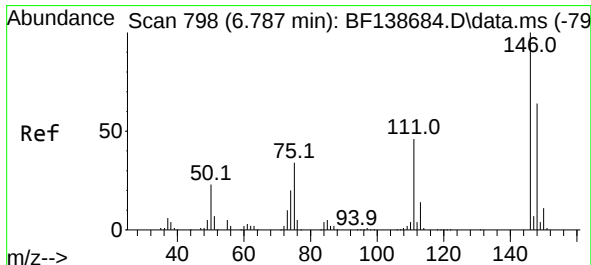
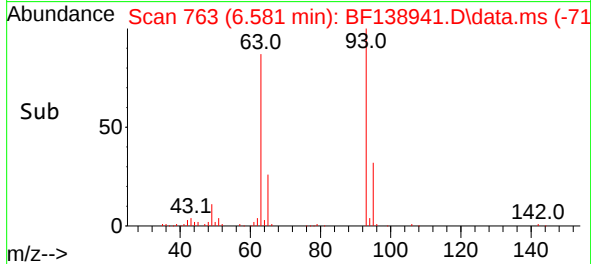
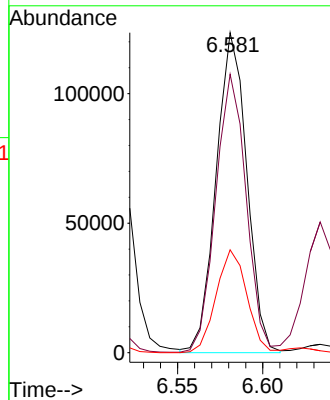
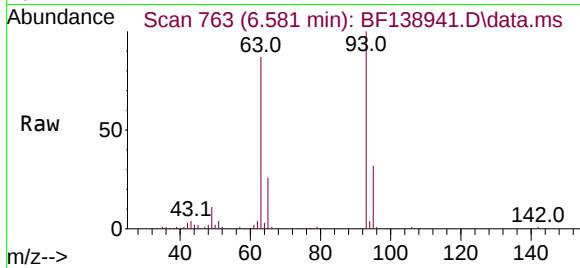
Tgt Ion: 93 Resp: 154697

Ion Ratio Lower Upper

93 100

63 87.0 65.3 105.3

95 32.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 39.486 ng

RT: 6.781 min Scan# 797

Delta R.T. -0.006 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

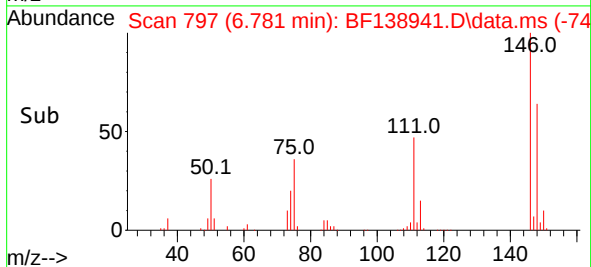
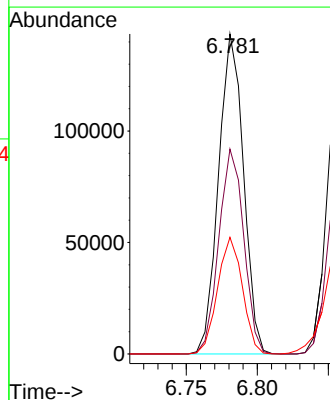
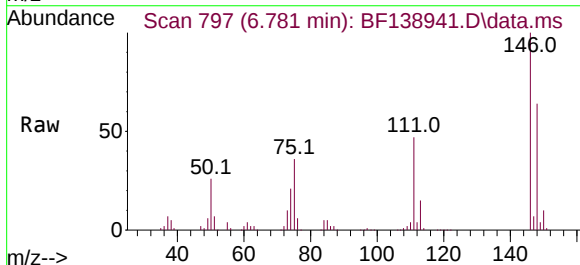
Tgt Ion: 146 Resp: 175274

Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

75 36.4 27.4 41.2

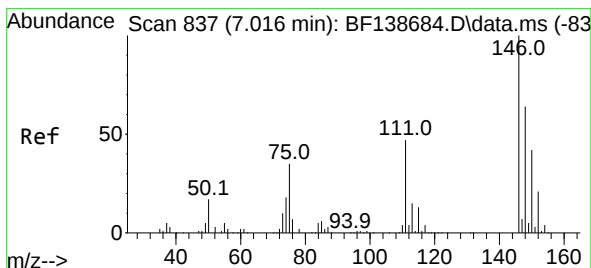
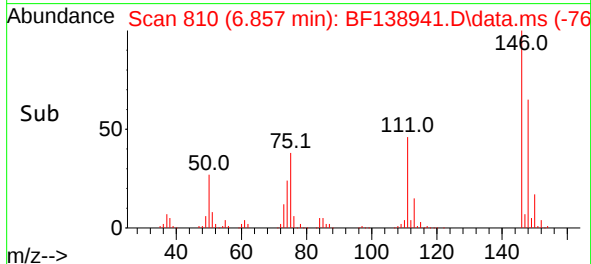
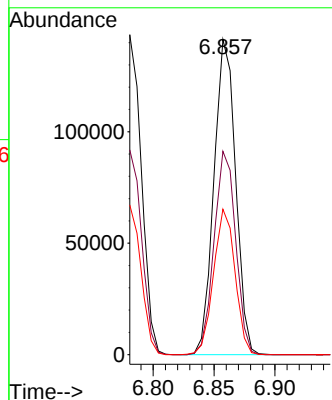
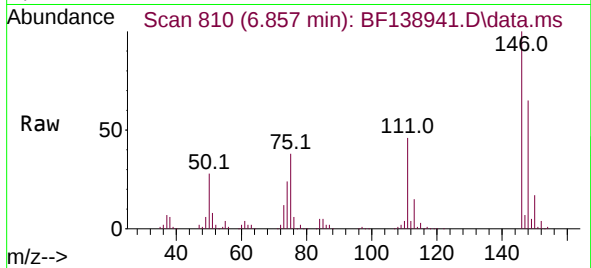




#13
1,4-Dichlorobenzene
Concen: 39.082 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

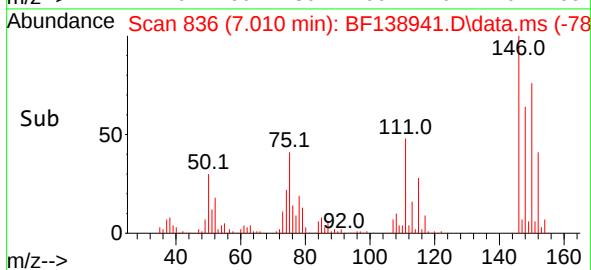
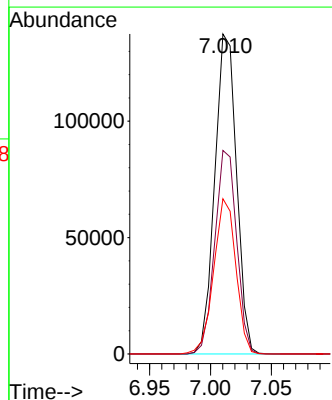
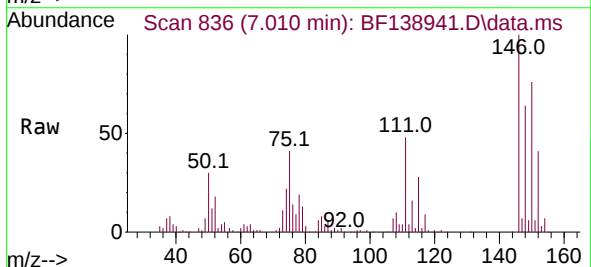
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 175073
Ion Ratio Lower Upper
146 100
148 64.5 50.2 75.2
111 46.2 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 40.863 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion:146 Resp: 171075
Ion Ratio Lower Upper
146 100
148 63.6 50.8 76.2
111 48.5 37.4 56.2

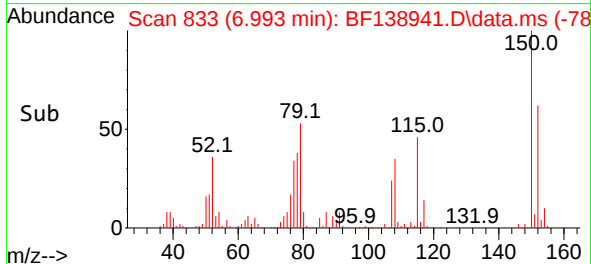
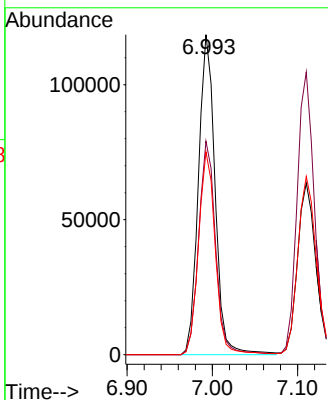
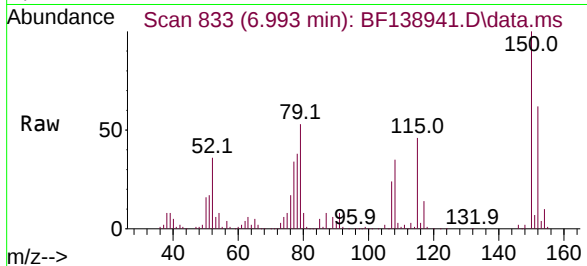




#15
Benzyl Alcohol
Concen: 44.187 ng
RT: 6.993 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

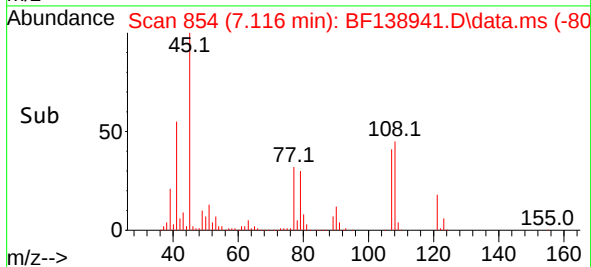
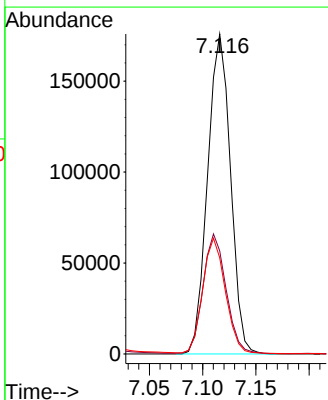
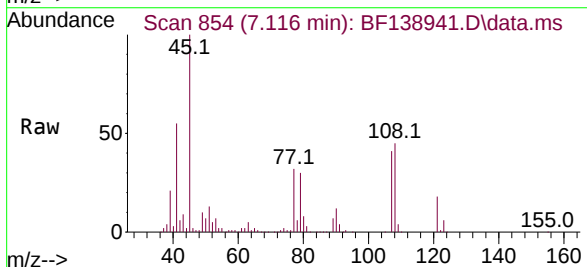
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

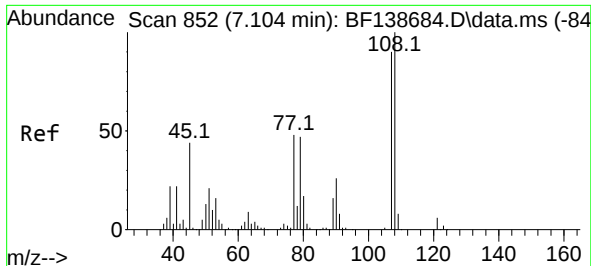
Tgt Ion: 79 Resp: 161158
Ion Ratio Lower Upper
79 100
108 66.7 56.6 85.0
77 63.4 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.273 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion: 45 Resp: 262998
Ion Ratio Lower Upper
45 100
77 32.2 0.0 34.9
79 30.0 0.0 32.2

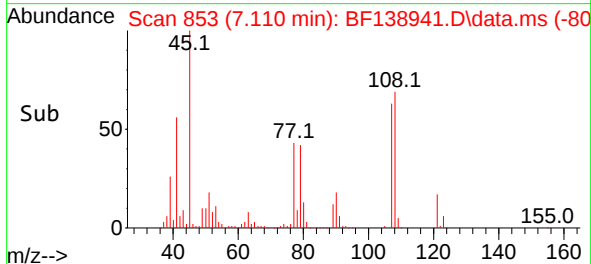
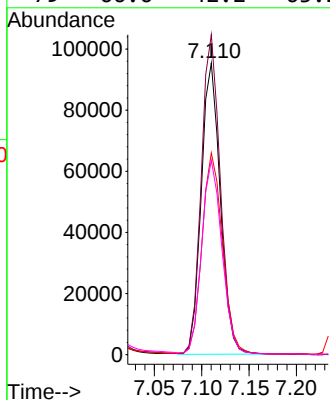
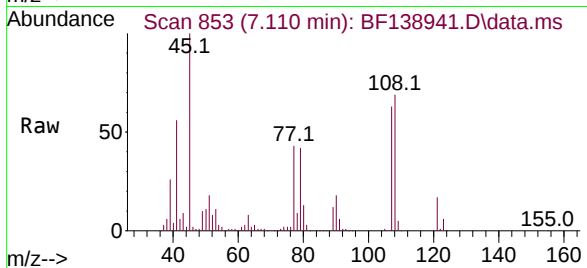




#17
2-Methylphenol
Concen: 40.744 ng
RT: 7.110 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

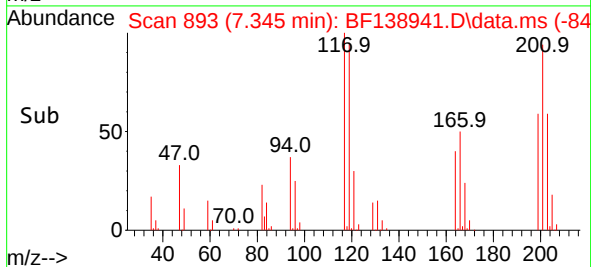
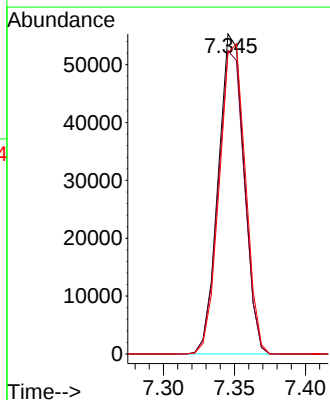
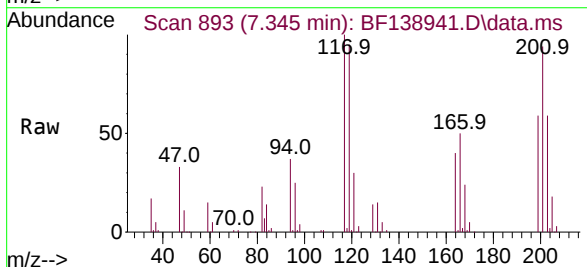
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 133416
Ion Ratio Lower Upper
107 100
108 109.7 89.2 133.8
77 69.2 43.0 64.4#
79 66.6 42.2 63.2#



#18
Hexachloroethane
Concen: 41.448 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion:117 Resp: 69890
Ion Ratio Lower Upper
117 100
119 94.8 74.6 111.8
201 94.1 77.2 115.8



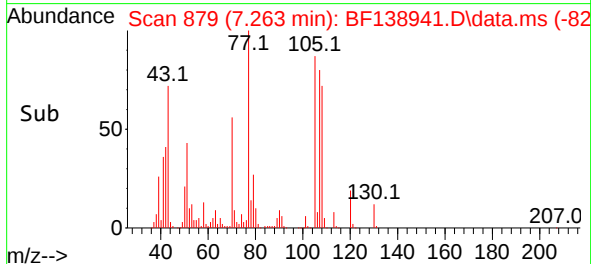
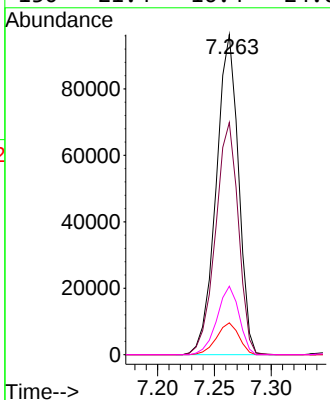
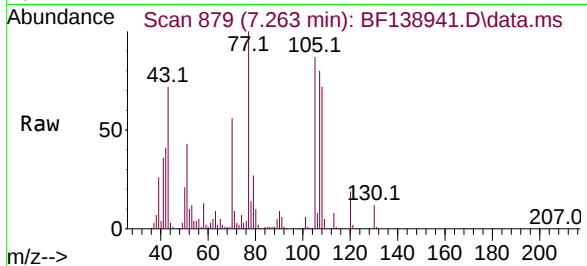


#19
n-Nitroso-di-n-propylamine
Concen: 43.084 ng
RT: 7.263 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 131680

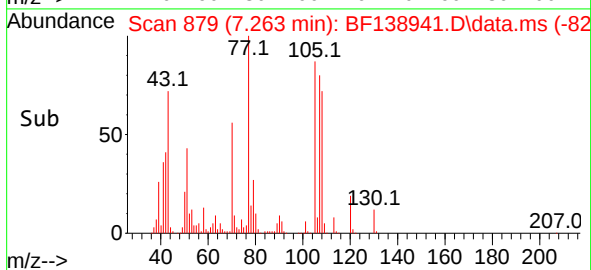
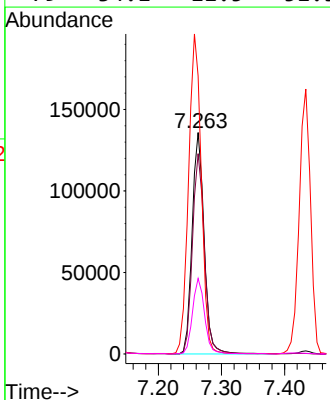
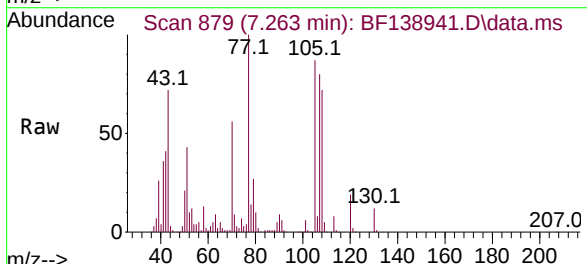
Ion	Ratio	Lower	Upper
70	100		
42	72.6	57.4	86.0
101	9.9	7.5	11.3
130	21.4	16.4	24.6

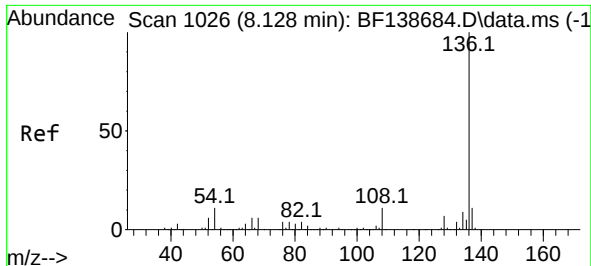


#20
3+4-Methylphenols
Concen: 42.634 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion: 107 Resp: 179116

Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.2	108.2
77	125.5	132.1	172.1#
79	34.1	11.5	51.5

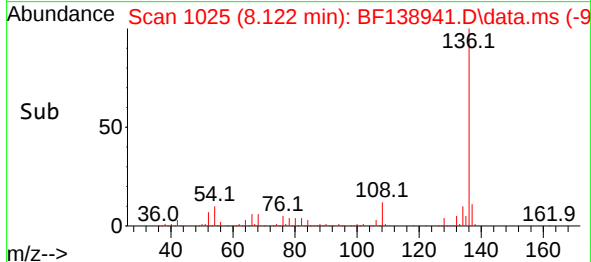
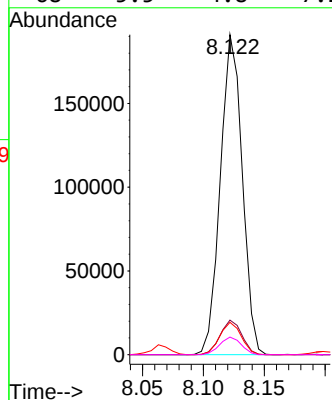
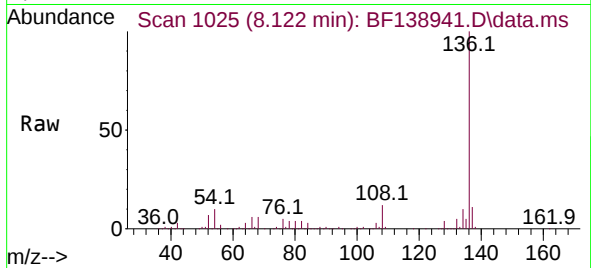




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

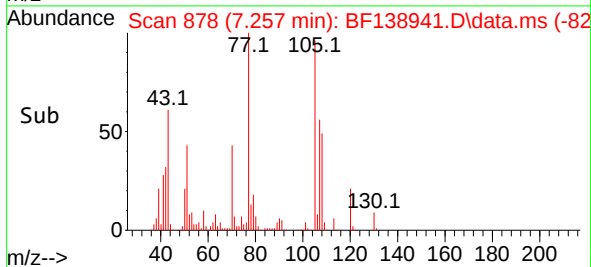
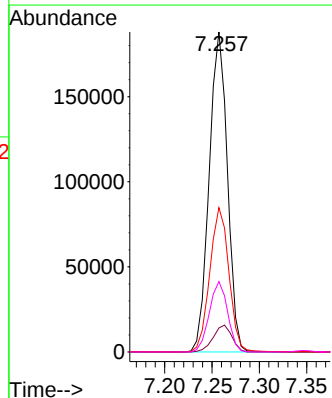
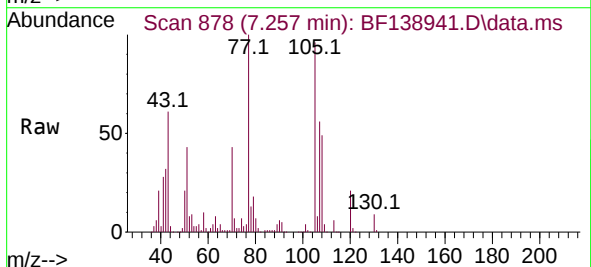
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136	Resp:	239376
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	10.1	8.6 12.8
68	5.5	4.8 7.2



#22
Acetophenone
Concen: 42.958 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion:105	Resp:	251783
Ion Ratio	Lower	Upper
105	100	
71	7.5	7.2 10.8
51	45.1	35.9 53.9
120	22.0	17.6 26.4





#23
Nitrobenzene-d5
Concen: 83.120 ng
RT: 7.416 min Scan# 904
Delta R.T. 0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

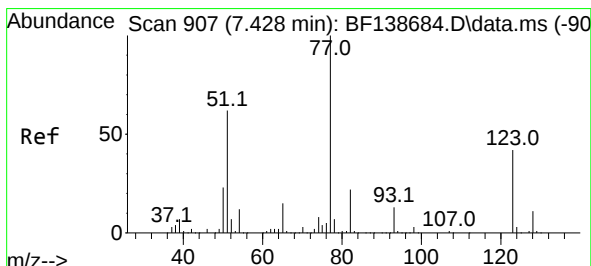
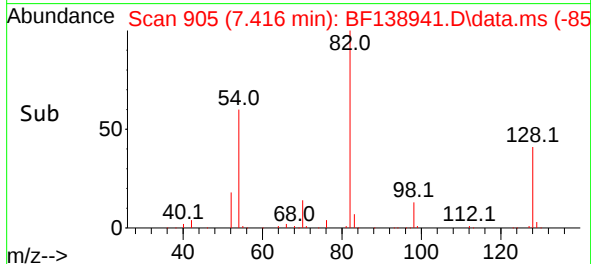
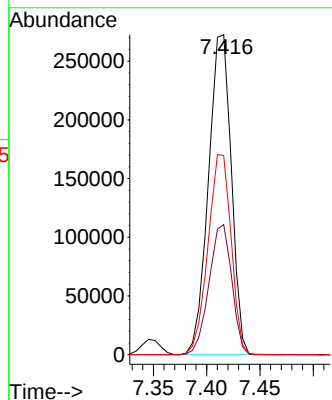
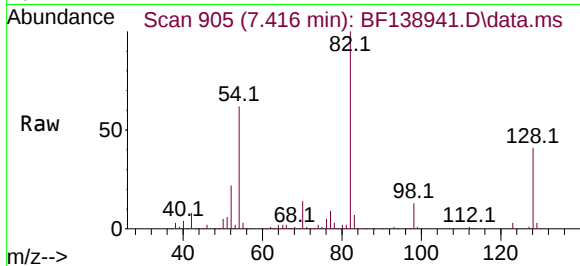
Instrument :

BNA_F

ClientSampleId :

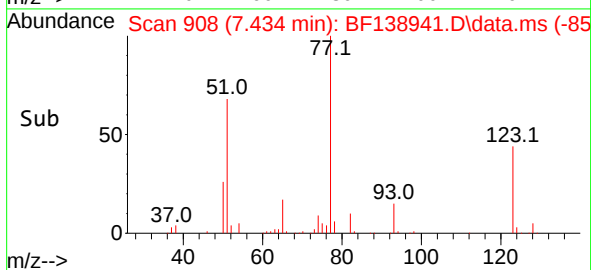
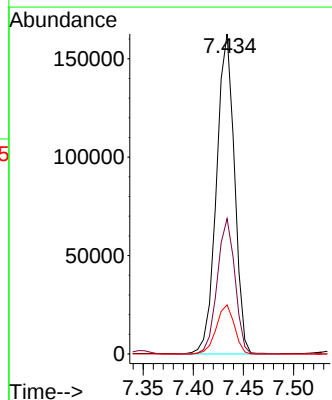
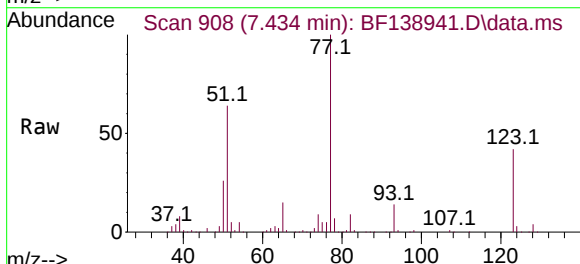
SSTDCCC040

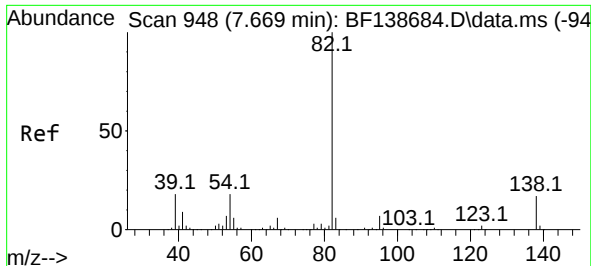
Tgt Ion: 82 Resp: 406964
Ion Ratio Lower Upper
82 100
128 40.6 32.8 49.2
54 62.2 48.3 72.5



#24
Nitrobenzene
Concen: 40.708 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion: 77 Resp: 202813
Ion Ratio Lower Upper
77 100
123 42.3 33.3 49.9
65 15.3 11.9 17.9

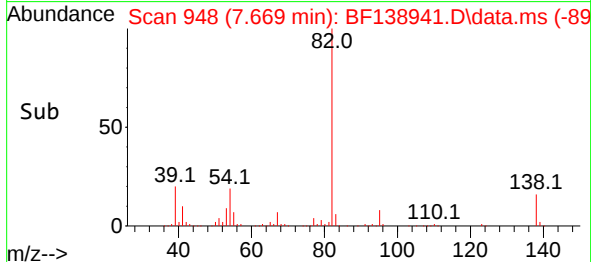
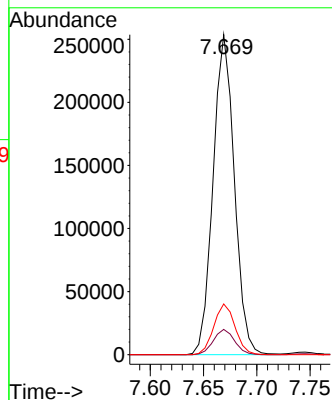
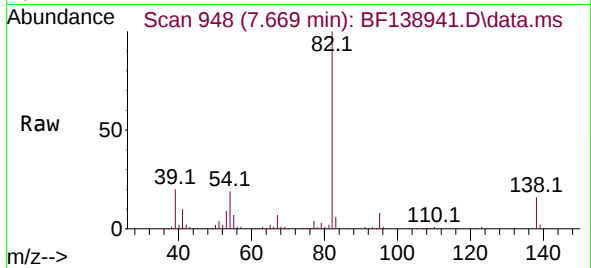




#25
Isophorone
Concen: 42.082 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

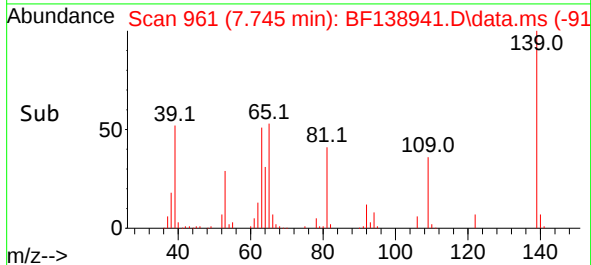
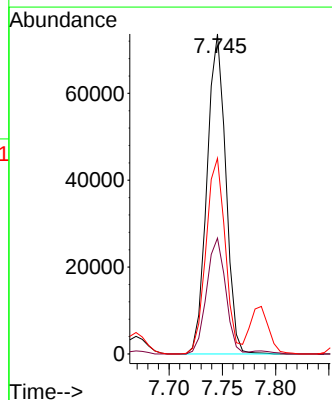
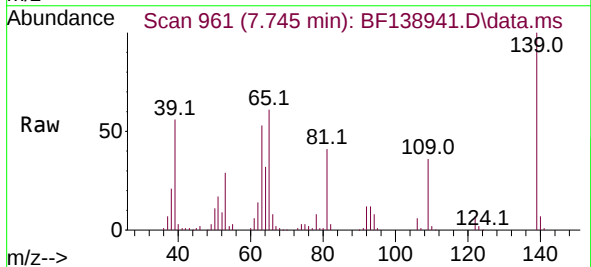
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

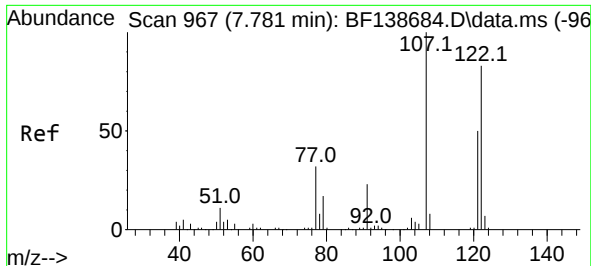
Tgt Ion: 82 Resp: 351819
Ion Ratio Lower Upper
82 100
95 7.9 5.7 8.5
138 15.9 13.7 20.5



#26
2-Nitrophenol
Concen: 42.229 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion:139 Resp: 90516
Ion Ratio Lower Upper
139 100
109 36.2 25.9 38.9
65 61.1 47.0 70.6

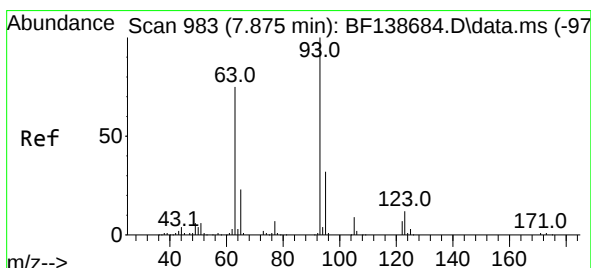
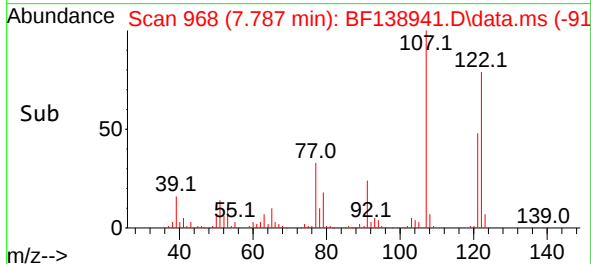
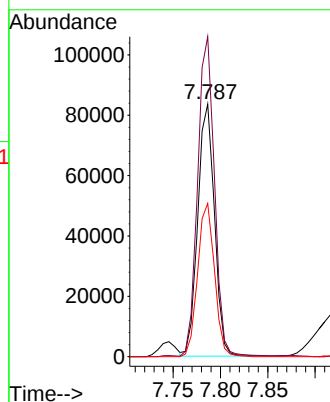
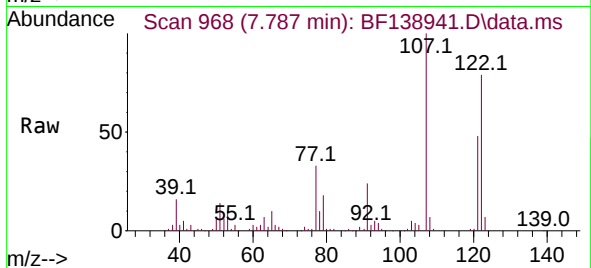




#27
2,4-Dimethylphenol
Concen: 39.991 ng
RT: 7.787 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

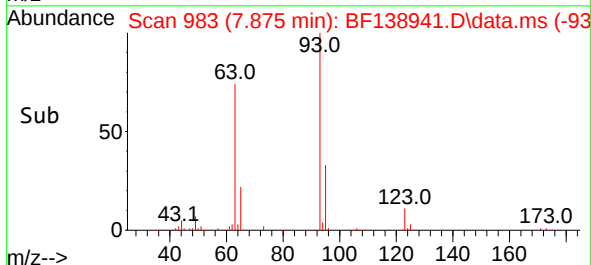
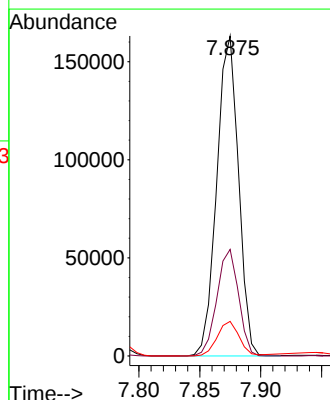
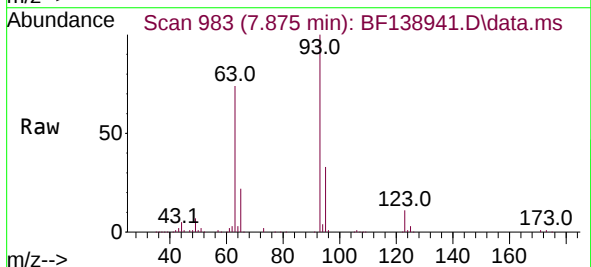
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 102561
Ion Ratio Lower Upper
122 100
107 126.6 95.0 142.6
121 60.6 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 39.828 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion: 93 Resp: 202773
Ion Ratio Lower Upper
93 100
95 33.3 25.8 38.8
123 10.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 42.113 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

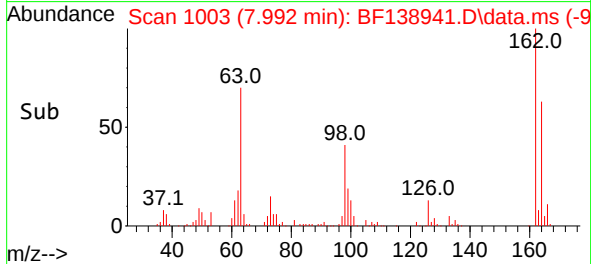
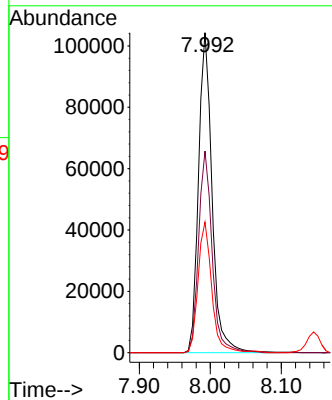
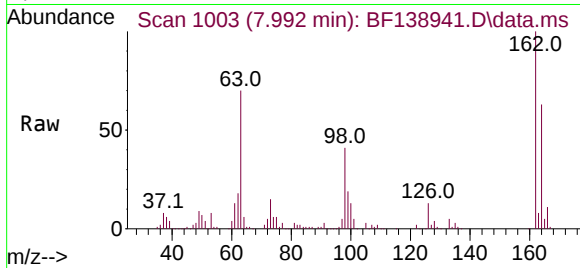
Tgt Ion:162 Resp: 138782

Ion Ratio Lower Upper

162 100

164 63.0 44.7 84.7

98 40.8 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 40.203 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

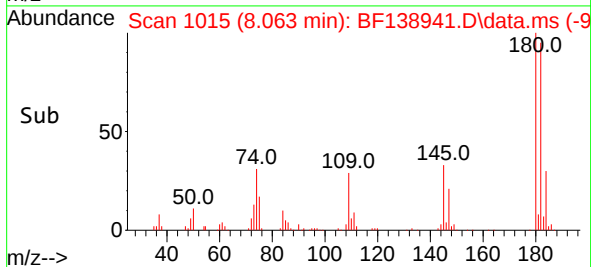
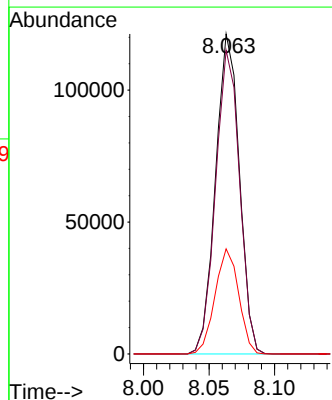
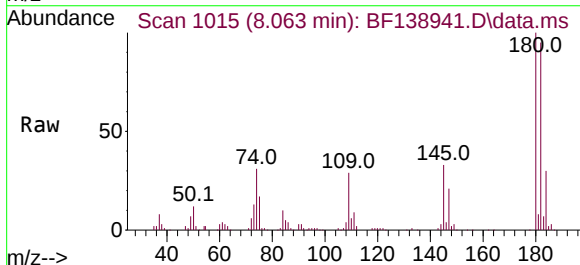
Tgt Ion:180 Resp: 152895

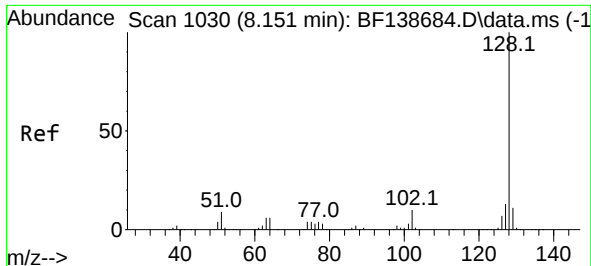
Ion Ratio Lower Upper

180 100

182 94.9 76.9 115.3

145 32.8 25.0 37.4

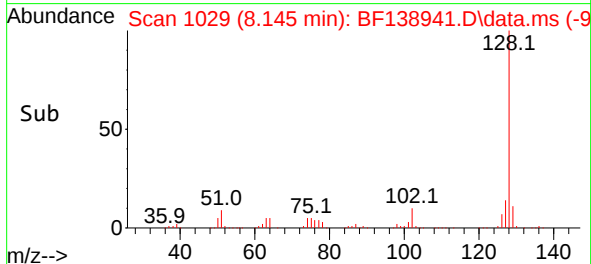
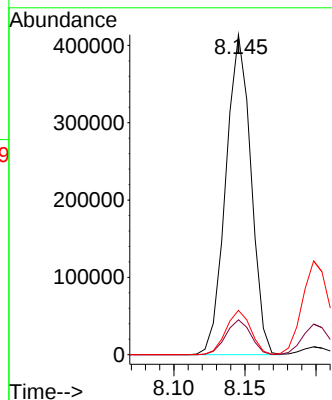
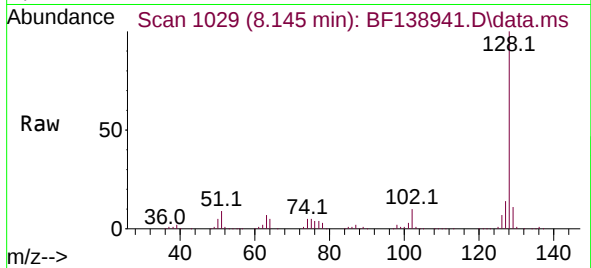




#31
Naphthalene
Concen: 40.346 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

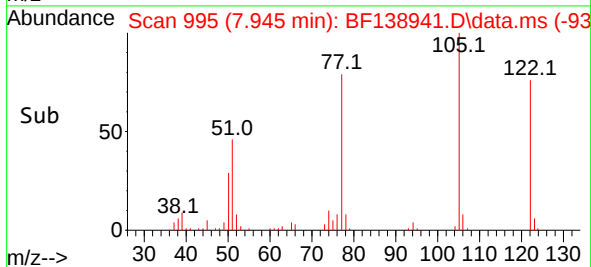
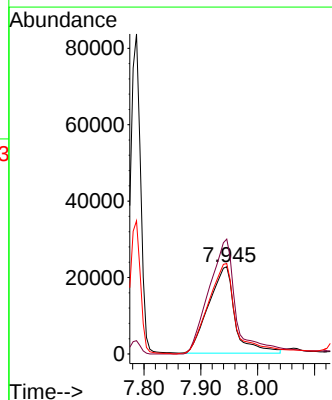
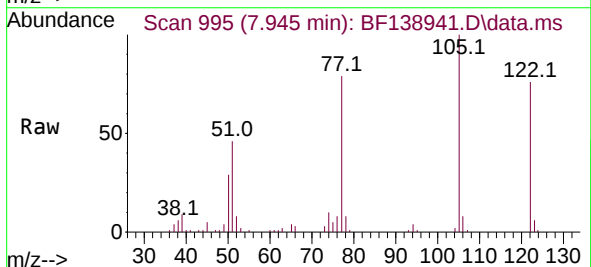
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 508358
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.9 10.6 16.0



#32
Benzoic acid
Concen: 36.247 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.041 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion:122 Resp: 73072
Ion Ratio Lower Upper
122 100
105 131.8 106.7 146.7
77 103.7 81.1 121.1





#33

4-Chloroaniline

Concen: 39.572 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 167369

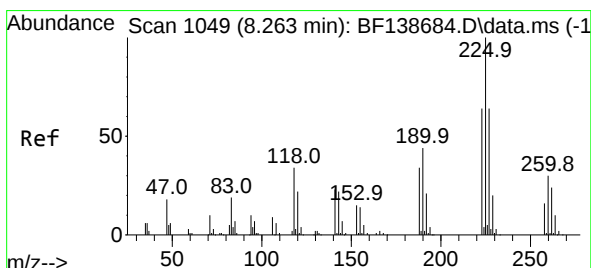
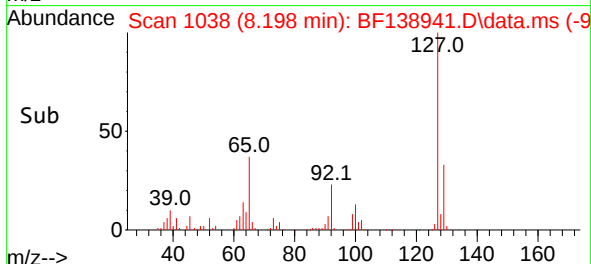
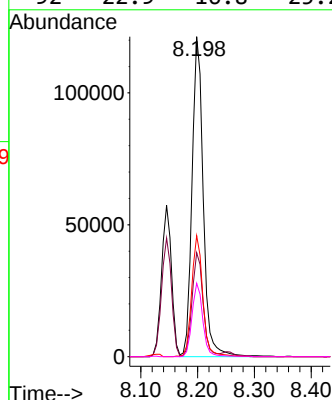
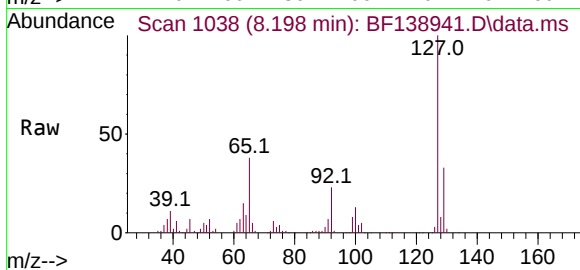
Ion Ratio Lower Upper

127 100

129 32.5 25.9 38.9

65 37.8 27.6 41.4

92 22.9 16.8 25.2



#34

Hexachlorobutadiene

Concen: 42.833 ng

RT: 8.257 min Scan# 1048

Delta R.T. -0.006 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

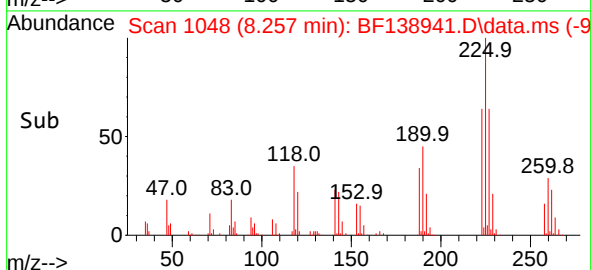
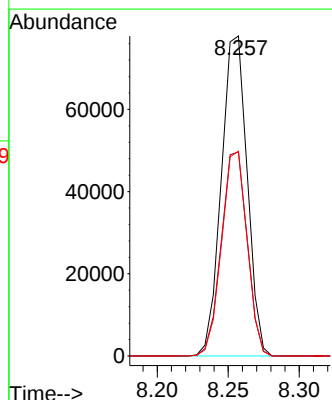
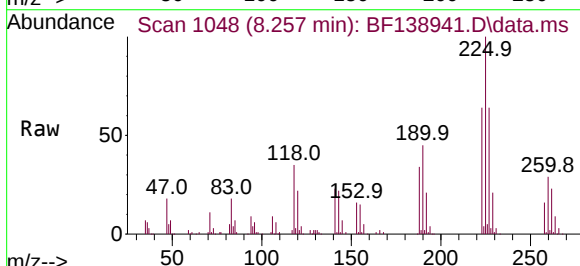
Tgt Ion:225 Resp: 98666

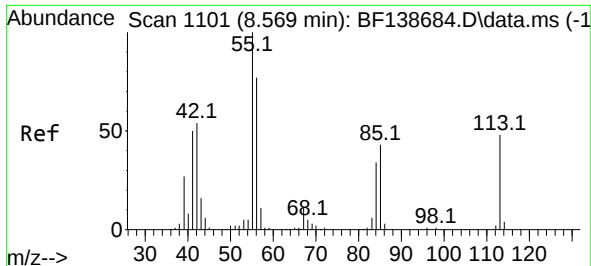
Ion Ratio Lower Upper

225 100

223 63.7 51.2 76.8

227 64.0 51.1 76.7

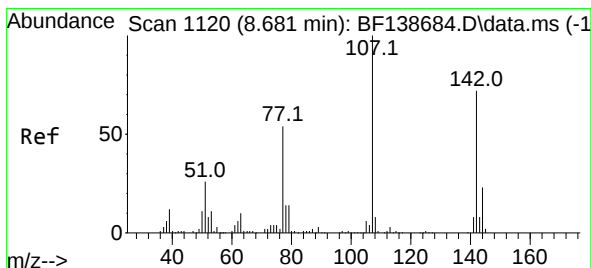
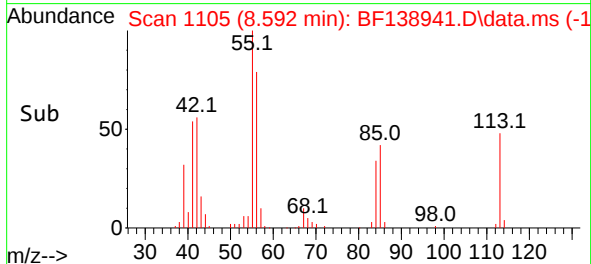
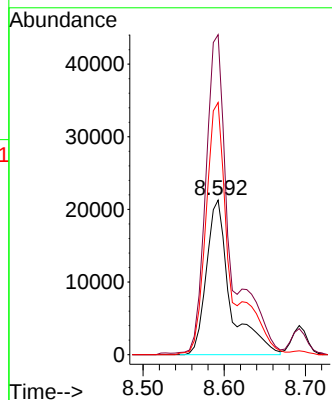
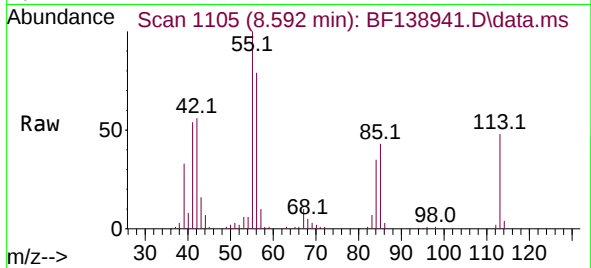




#35
 Caprolactam
 Concen: 44.350 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. 0.024 min
 Lab File: BF138941.D
 Acq: 12 Aug 2024 18:57

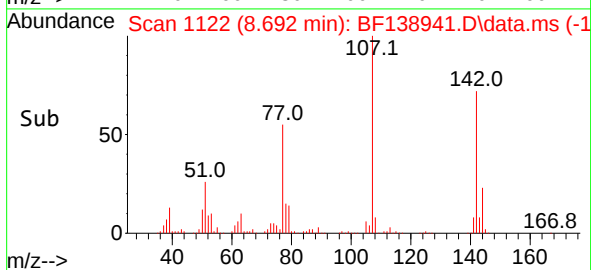
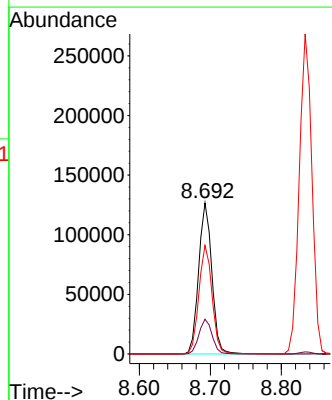
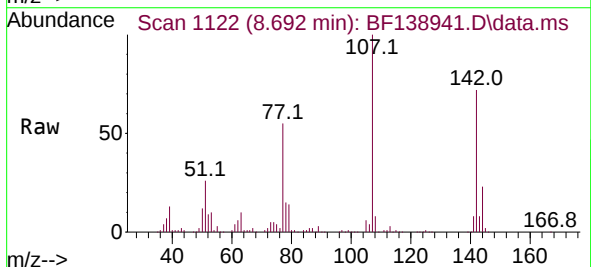
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

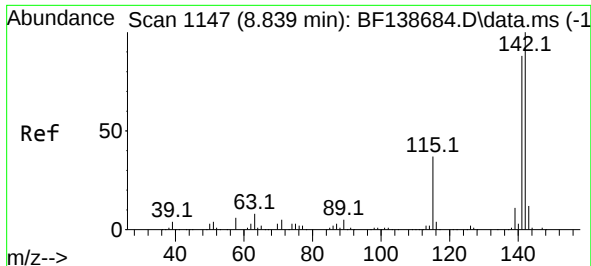
Tgt Ion:113 Resp: 43610
 Ion Ratio Lower Upper
 113 100
 55 207.1 186.7 226.7
 56 163.2 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 43.701 ng
 RT: 8.692 min Scan# 1122
 Delta R.T. 0.012 min
 Lab File: BF138941.D
 Acq: 12 Aug 2024 18:57

Tgt Ion:107 Resp: 164588
 Ion Ratio Lower Upper
 107 100
 144 23.0 18.2 27.2
 142 71.8 57.4 86.2





#37

2-Methylnaphthalene

Concen: 41.582 ng

RT: 8.834 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

Instrument :

BNA_F

ClientSampleId :

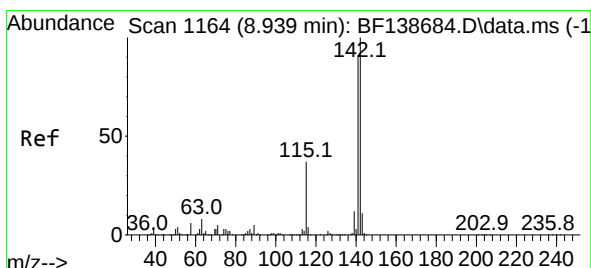
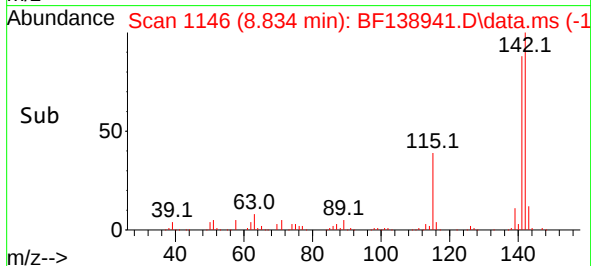
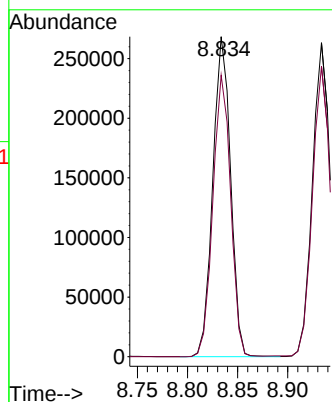
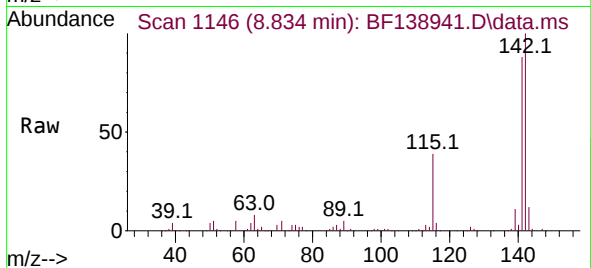
SSTDCCC040

Tgt Ion:142 Resp: 330892

Ion Ratio Lower Upper

142 100

141 88.0 70.8 106.2



#38

1-Methylnaphthalene

Concen: 41.368 ng

RT: 8.934 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138941.D

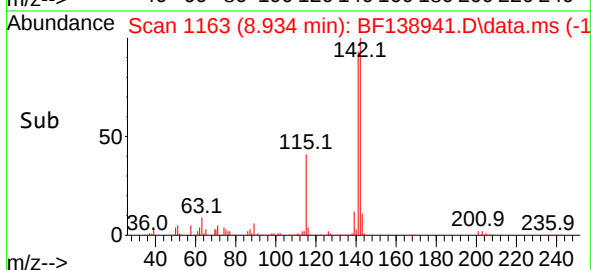
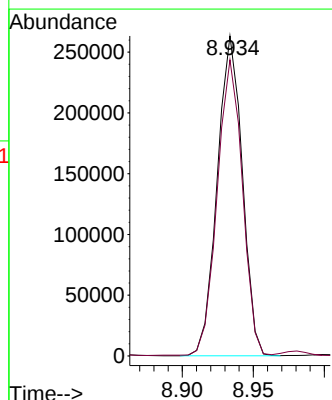
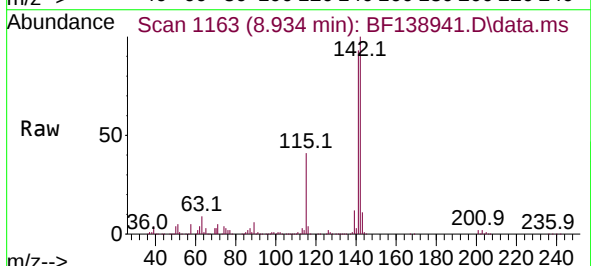
Acq: 12 Aug 2024 18:57

Tgt Ion:142 Resp: 322577

Ion Ratio Lower Upper

142 100

141 92.5 73.1 109.7

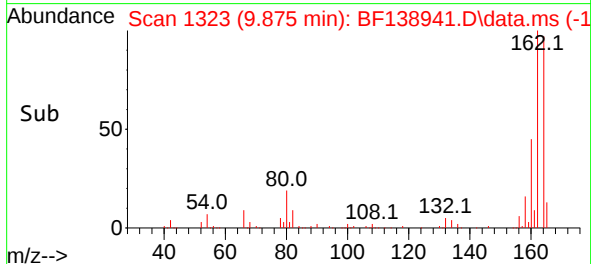
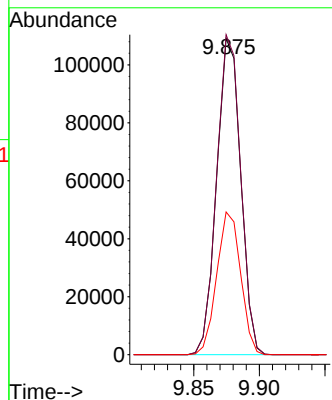
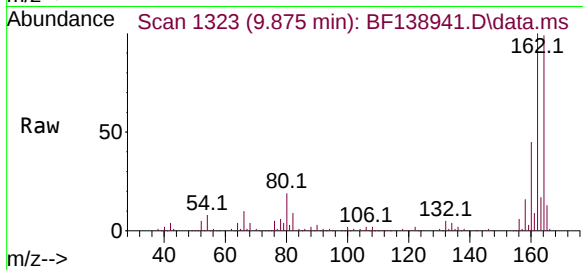




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1174
Delta R.T. -0.005 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

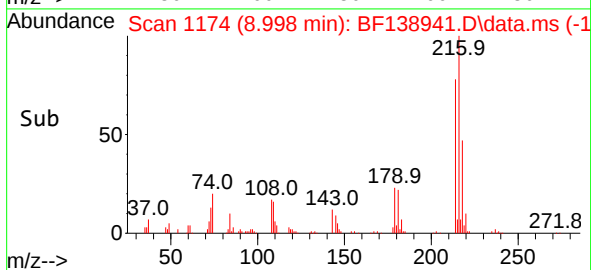
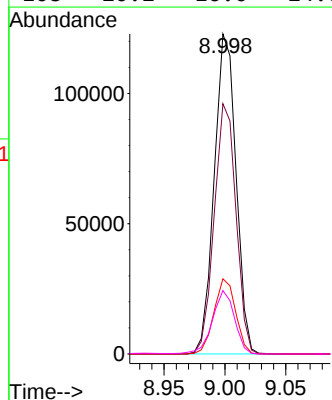
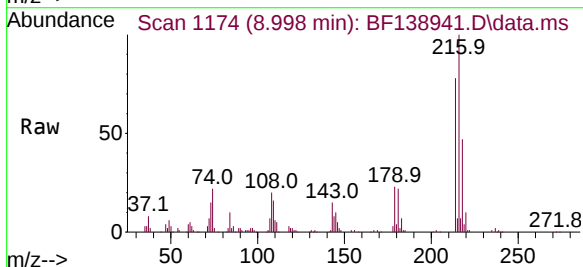
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 138963
Ion Ratio Lower Upper
164 100
162 101.2 79.4 119.0
160 45.1 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.595 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion:216 Resp: 152846
Ion Ratio Lower Upper
216 100
214 78.2 63.9 95.9
179 23.3 17.8 26.6
108 20.2 16.0 24.0

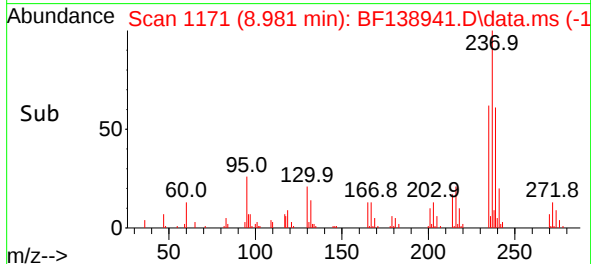
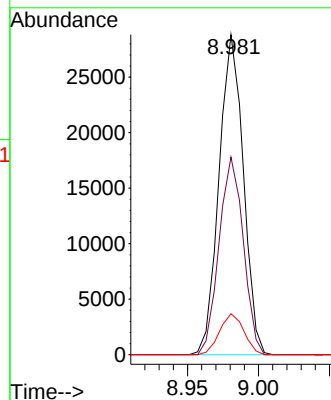
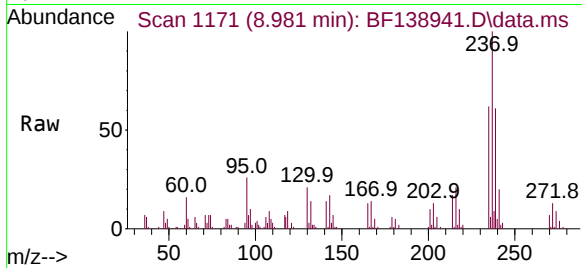




#41
Hexachlorocyclopentadiene
Concen: 37.557 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

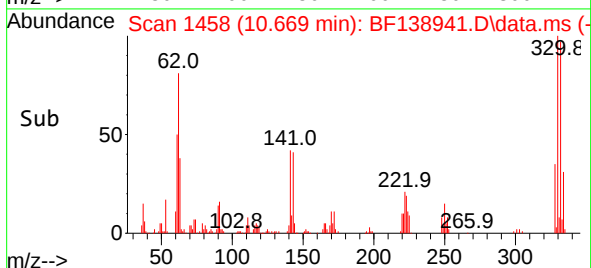
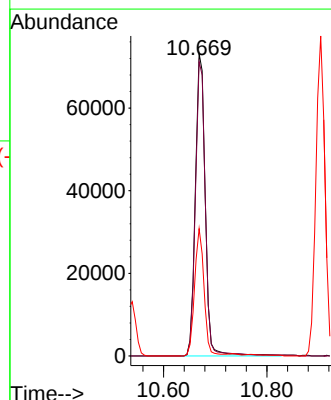
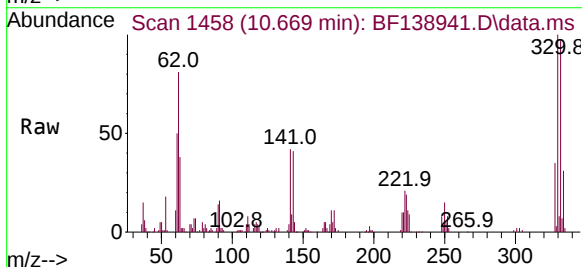
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 34238
Ion Ratio Lower Upper
237 100
235 61.7 41.8 81.8
272 12.8 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 85.707 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion:330 Resp: 97560
Ion Ratio Lower Upper
330 100
332 97.2 76.4 114.6
141 40.0 31.1 46.7

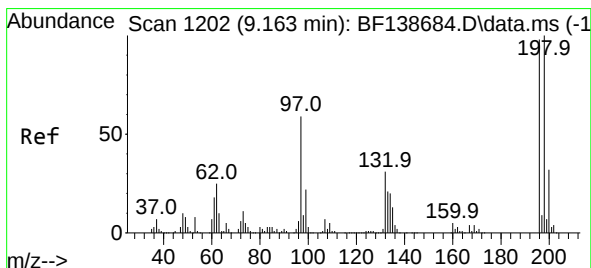
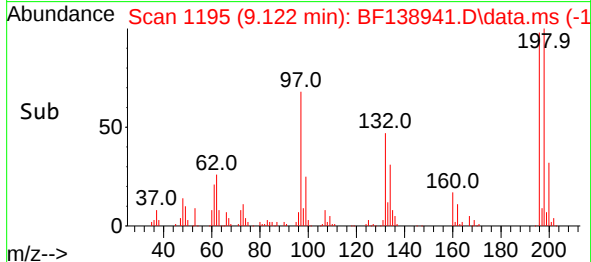
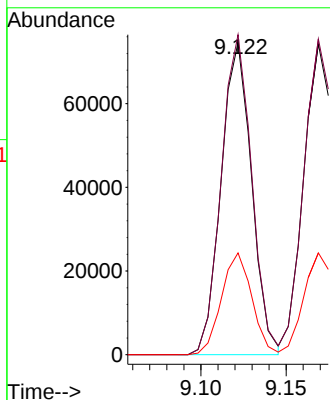
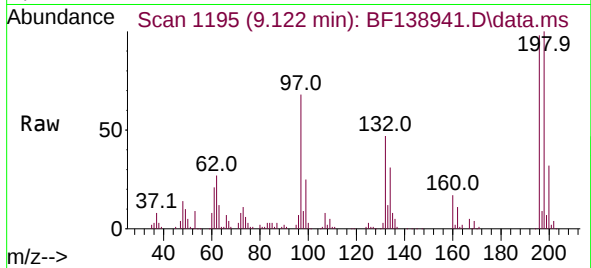




#43
2,4,6-Trichlorophenol
Concen: 39.544 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

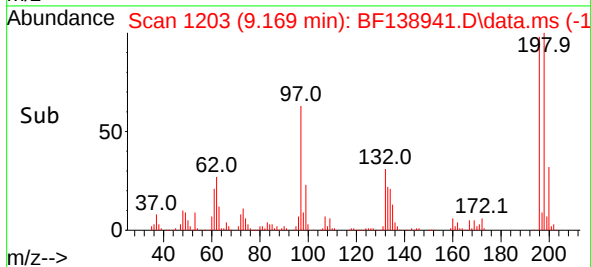
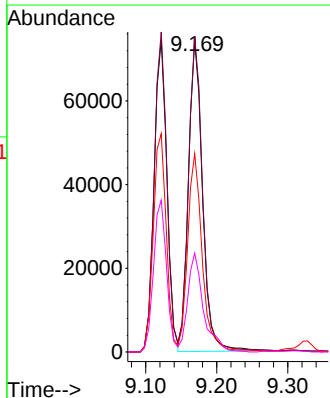
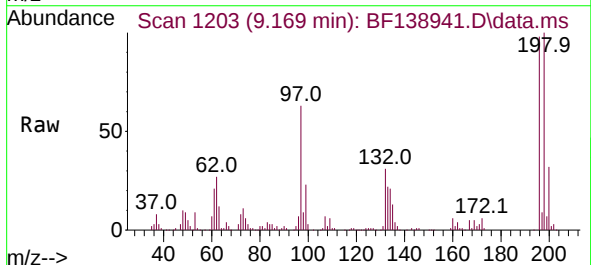
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

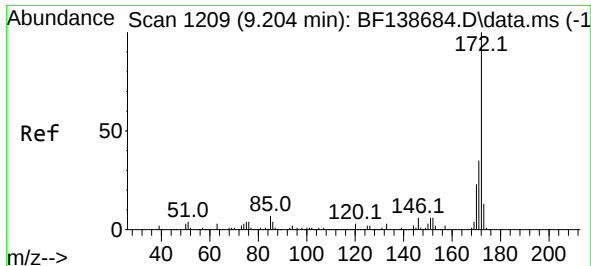
Tgt Ion:196 Resp: 93072
Ion Ratio Lower Upper
196 100
198 102.5 80.5 120.7
200 32.6 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 40.010 ng
RT: 9.169 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion:196 Resp: 102945
Ion Ratio Lower Upper
196 100
198 101.6 81.2 121.8
97 63.8 47.8 71.6
132 31.8 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 81.489 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

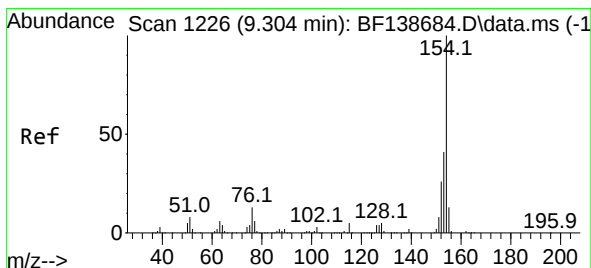
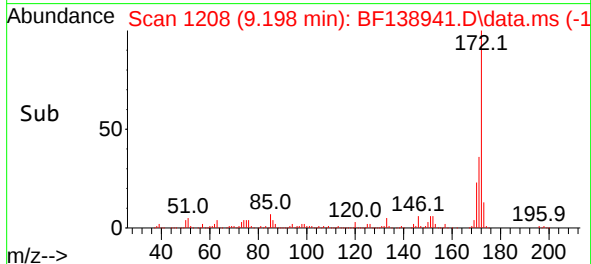
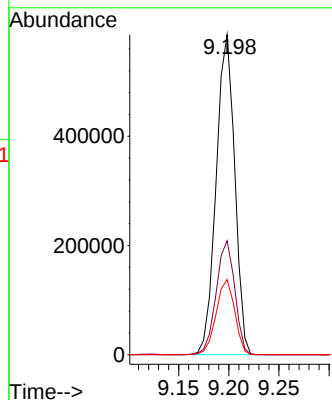
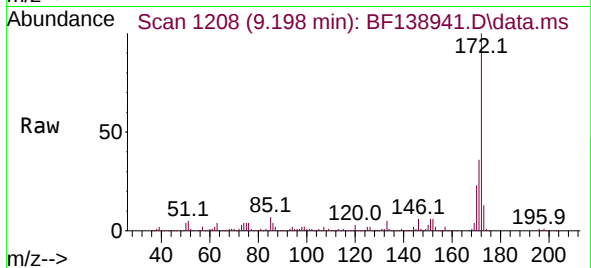
Tgt Ion:172 Resp: 753677

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 39.678 ng

RT: 9.298 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

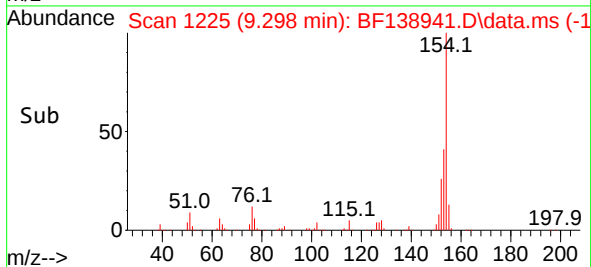
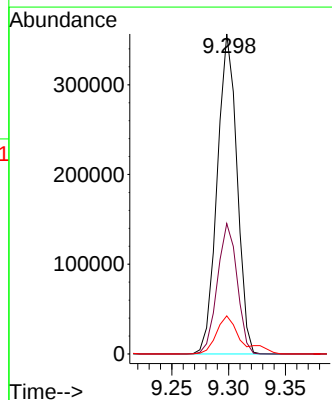
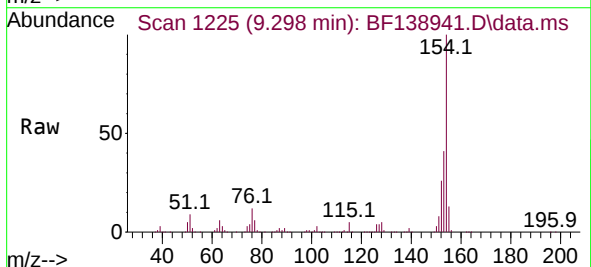
Tgt Ion:154 Resp: 431832

Ion Ratio Lower Upper

154 100

153 40.7 20.8 60.8

76 11.9 0.0 32.8





#47

2-Chloronaphthalene

Concen: 39.260 ng

RT: 9.328 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

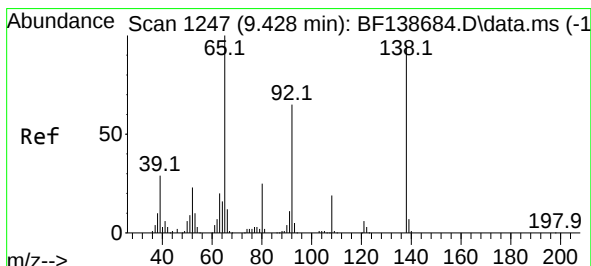
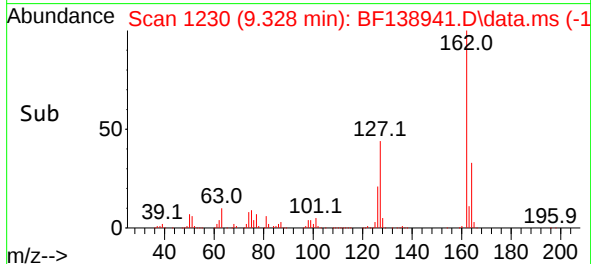
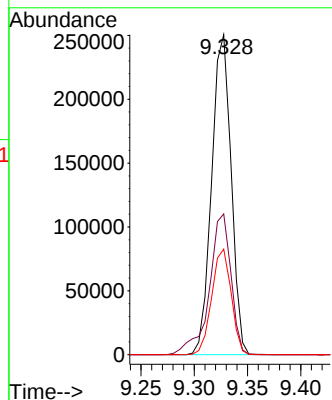
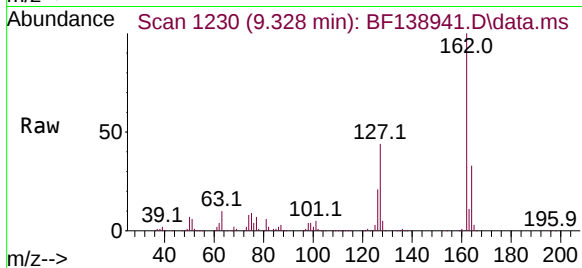
Tgt Ion:162 Resp: 317786

Ion Ratio Lower Upper

162 100

127 44.0 35.4 53.2

164 33.0 25.6 38.4



#48

2-Nitroaniline

Concen: 42.002 ng

RT: 9.428 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

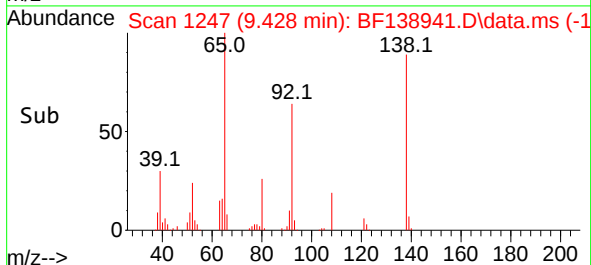
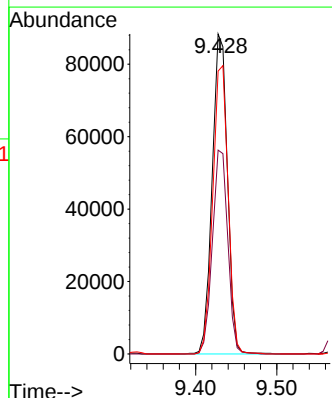
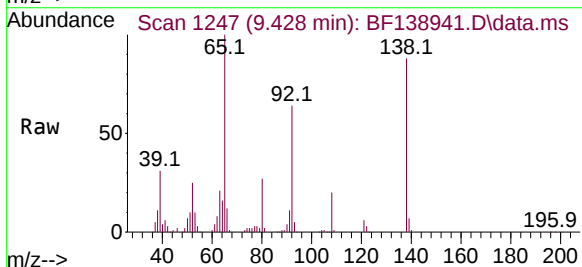
Tgt Ion: 65 Resp: 115255

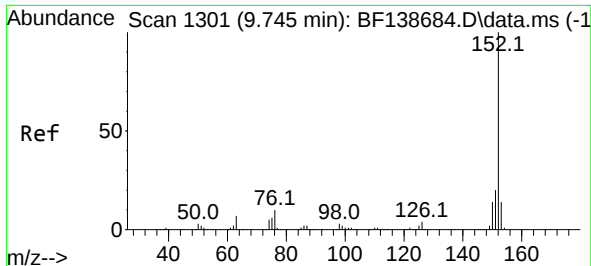
Ion Ratio Lower Upper

65 100

92 63.7 52.0 78.0

138 88.4 76.2 114.4





#49

Acenaphthylene

Concen: 39.301 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

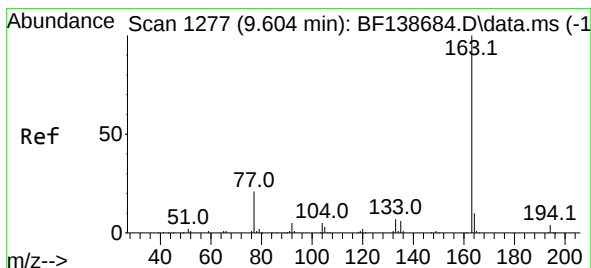
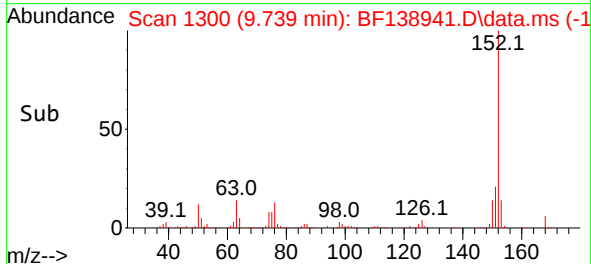
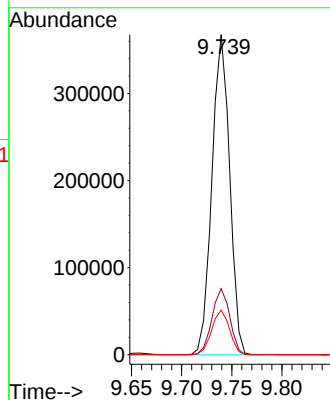
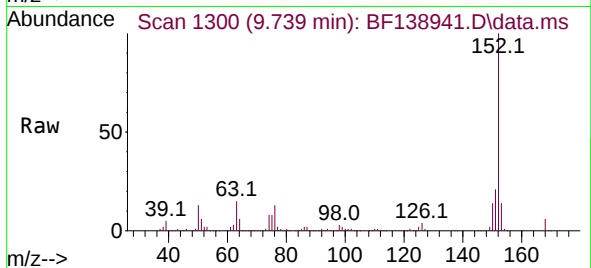
Tgt Ion:152 Resp: 451182

Ion Ratio Lower Upper

152 100

151 20.7 16.0 24.0

153 14.0 11.0 16.4



#50

Dimethylphthalate

Concen: 42.482 ng

RT: 9.604 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

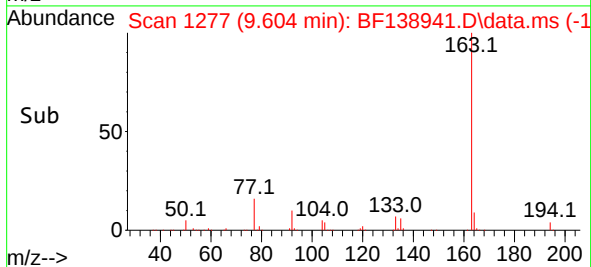
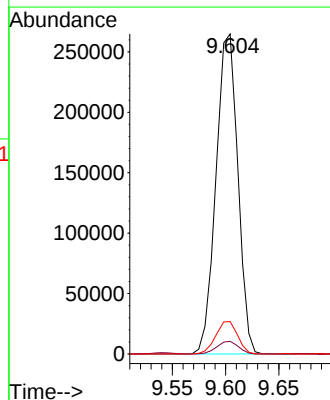
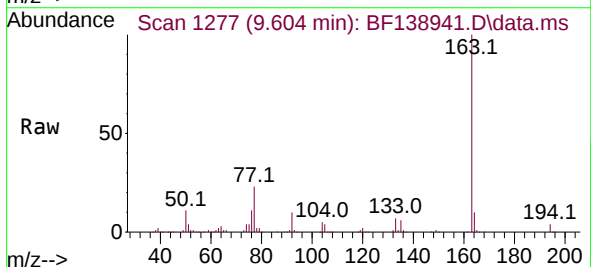
Tgt Ion:163 Resp: 377469

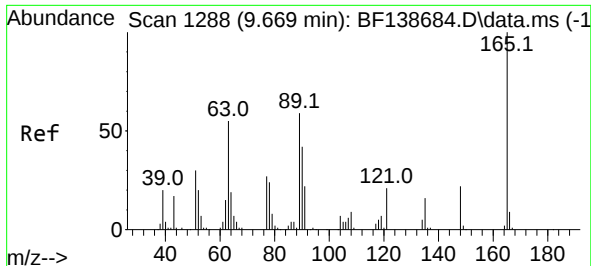
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.1 7.8 11.8

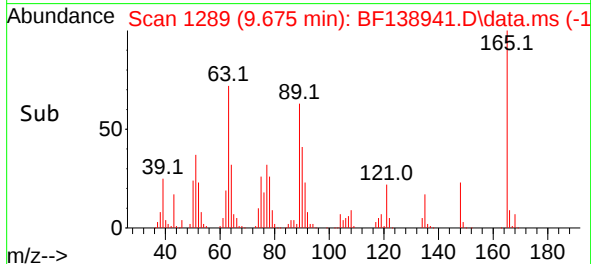
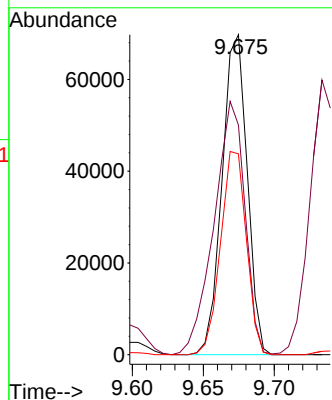
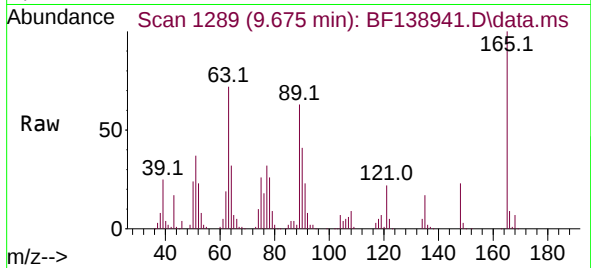




#51
2,6-Dinitrotoluene
Concen: 42.853 ng
RT: 9.675 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

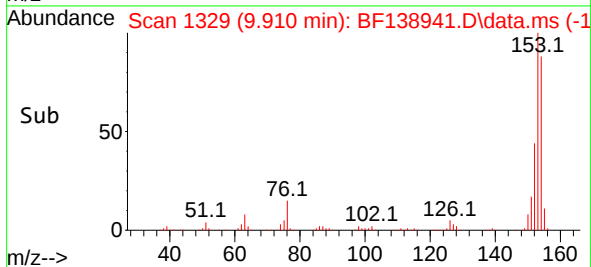
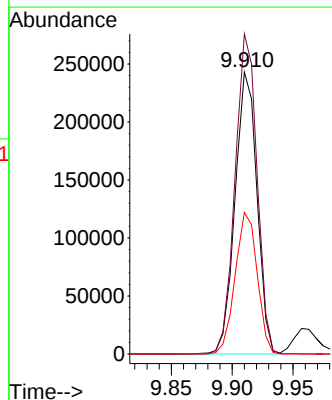
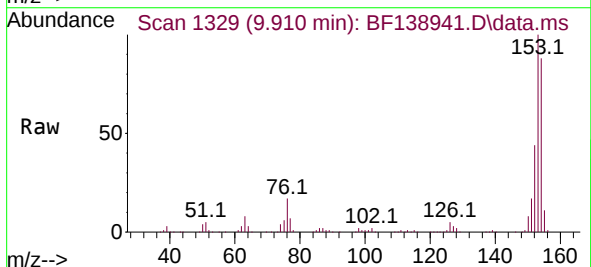
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 85933
Ion Ratio Lower Upper
165 100
63 71.8 52.0 78.0
89 62.8 47.0 70.6



#52
Acenaphthene
Concen: 39.607 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion:154 Resp: 305652
Ion Ratio Lower Upper
154 100
153 113.5 89.9 134.9
152 50.2 40.6 60.8

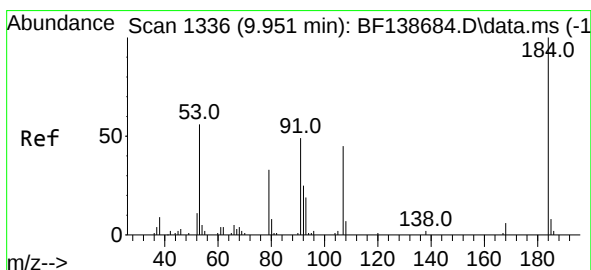
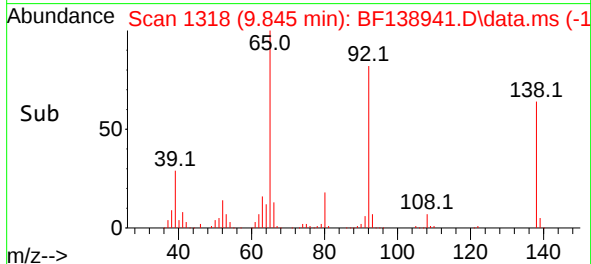
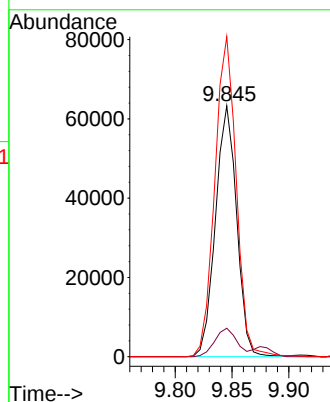
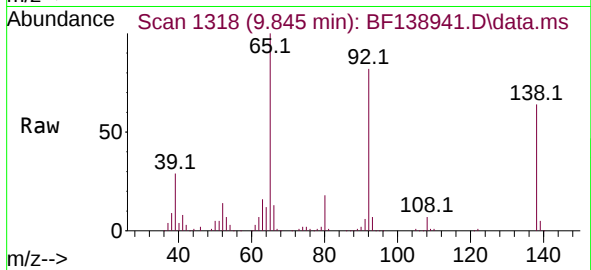




#53
3-Nitroaniline
Concen: 39.656 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

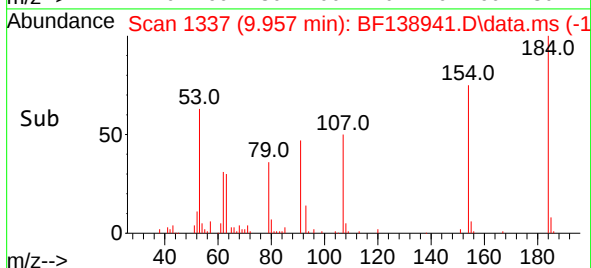
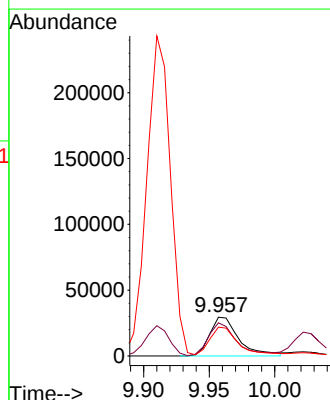
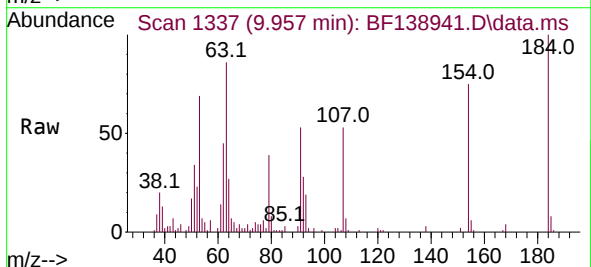
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

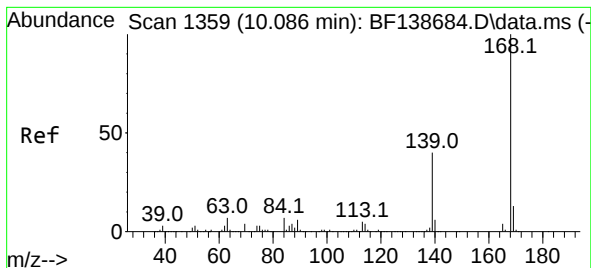
Tgt Ion:138 Resp: 82208
Ion Ratio Lower Upper
138 100
108 11.4 9.1 13.7
92 127.6 98.7 148.1



#54
2,4-Dinitrophenol
Concen: 49.611 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion:184 Resp: 45796
Ion Ratio Lower Upper
184 100
63 85.6 57.5 86.3
154 74.7 51.7 77.5





#55

Dibenzenofuran

Concen: 40.392 ng

RT: 10.081 min Scan# 1358

Delta R.T. -0.006 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

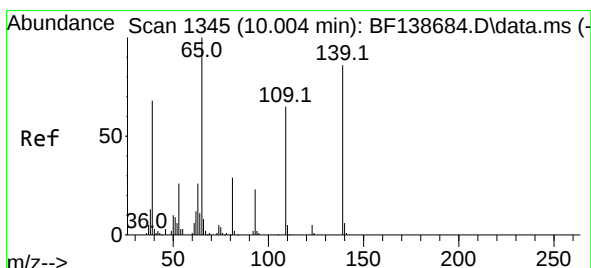
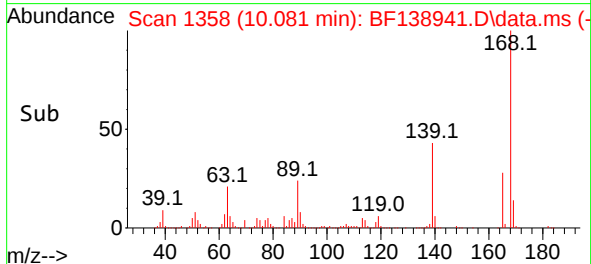
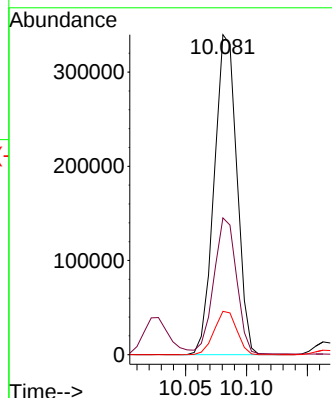
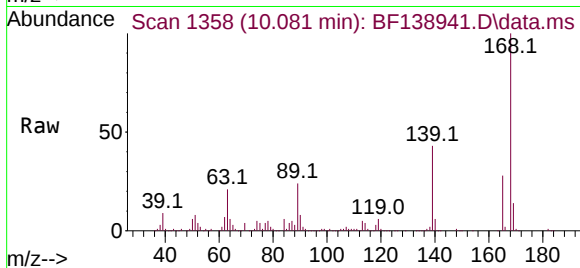
Tgt Ion:168 Resp: 440015

Ion Ratio Lower Upper

168 100

139 42.7 32.6 49.0

169 13.6 10.7 16.1



#56

4-Nitrophenol

Concen: 48.291 ng

RT: 10.028 min Scan# 1349

Delta R.T. 0.024 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

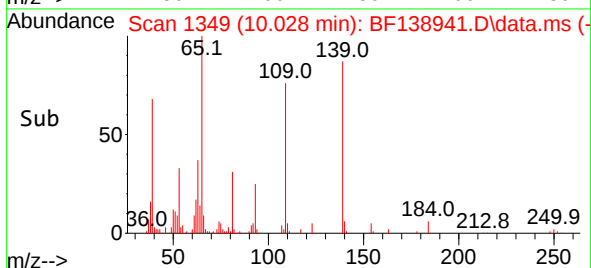
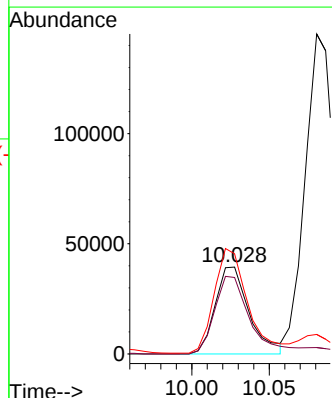
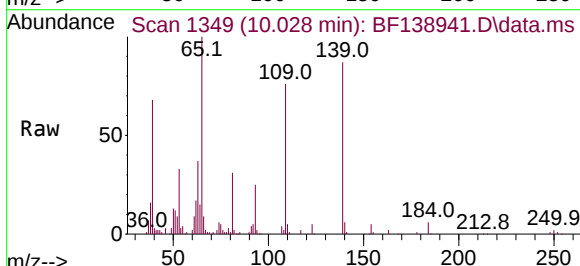
Tgt Ion:139 Resp: 60200

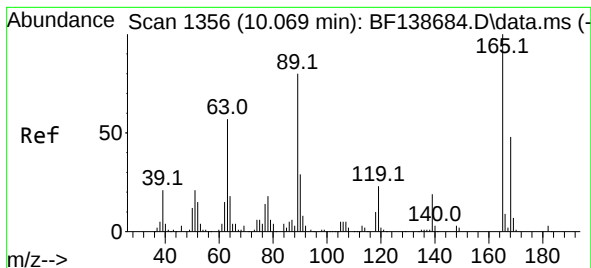
Ion Ratio Lower Upper

139 100

109 88.0 55.5 95.5

65 115.3 96.7 136.7

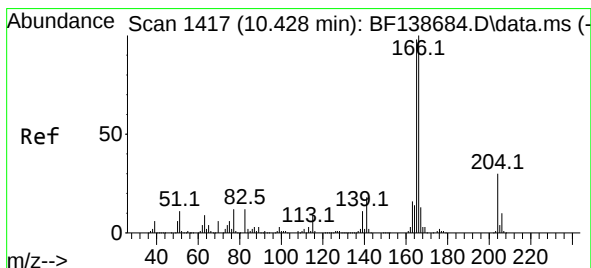
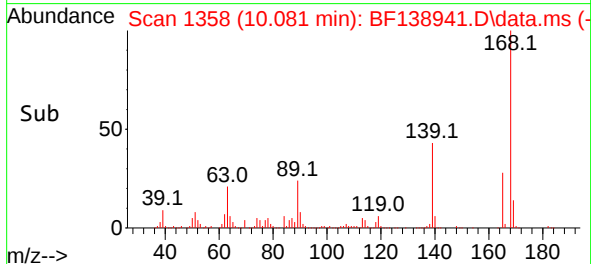
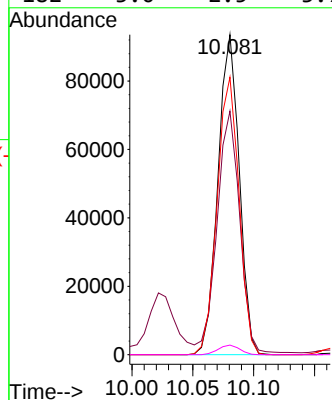
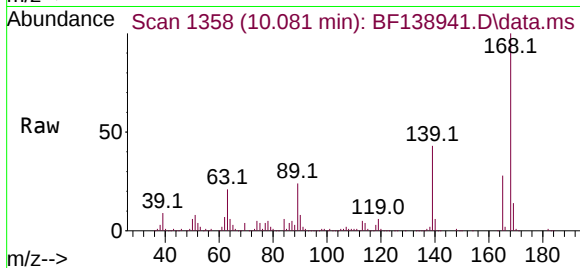




#57
2,4-Dinitrotoluene
Concen: 44.626 ng
RT: 10.081 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

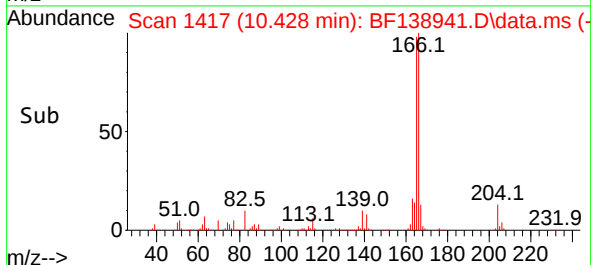
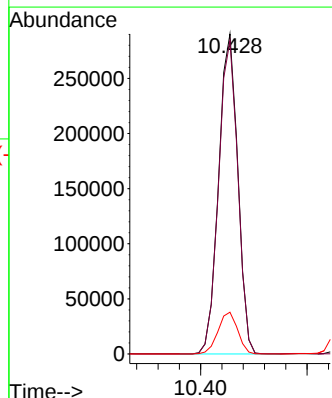
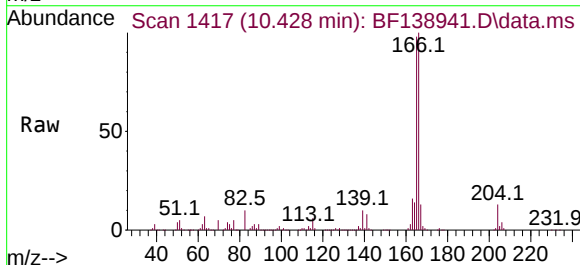
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 114172
Ion Ratio Lower Upper
165 100
63 76.1 46.3 69.5#
89 86.7 64.2 96.4
182 3.0 2.5 3.7



#58
Fluorene
Concen: 41.711 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion:166 Resp: 361842
Ion Ratio Lower Upper
166 100
165 97.9 78.4 117.6
167 13.1 10.6 16.0

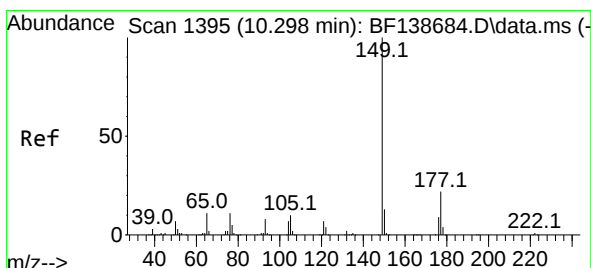
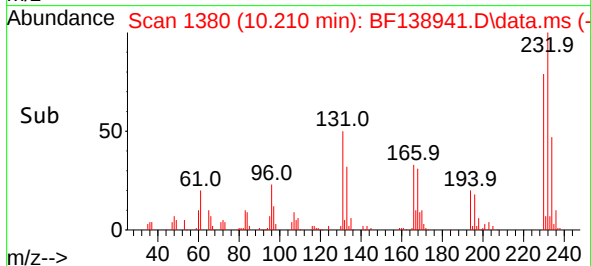
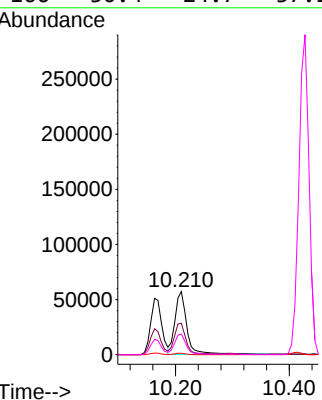
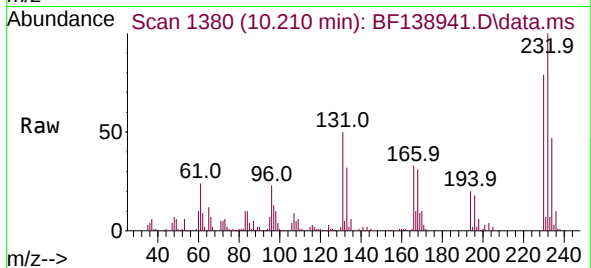




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.335 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

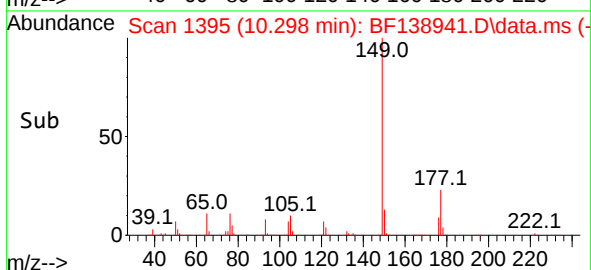
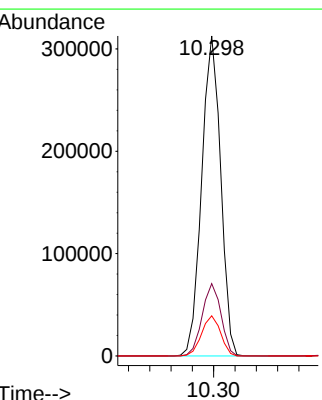
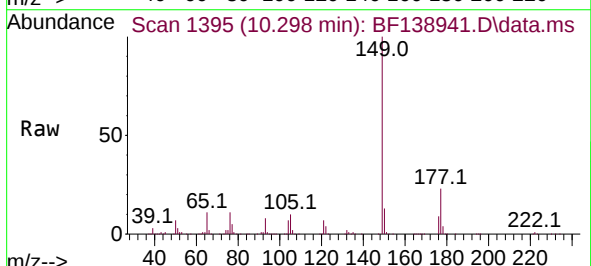
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

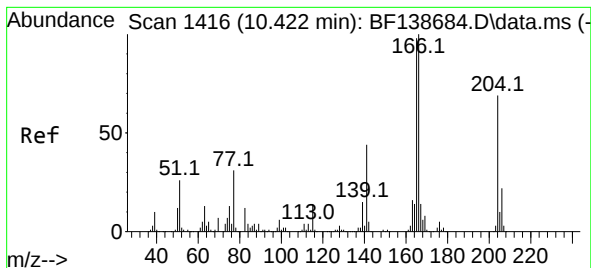
Tgt Ion:232 Resp: 83278
Ion Ratio Lower Upper
232 100
131 49.2 37.0 55.4
130 2.2 2.0 3.0
166 30.4 24.7 37.1



#60
Diethylphthalate
Concen: 45.826 ng
RT: 10.298 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion:149 Resp: 386080
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.8
150 12.6 10.1 15.1

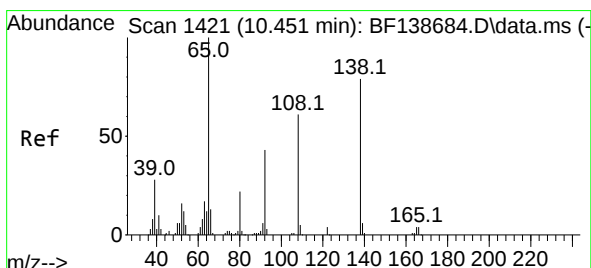
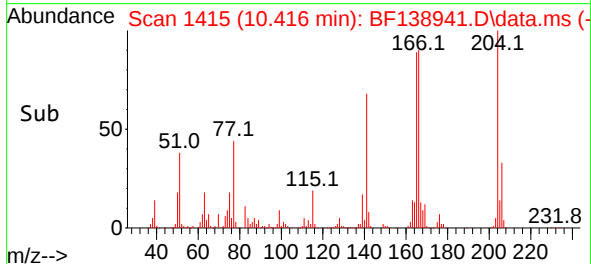
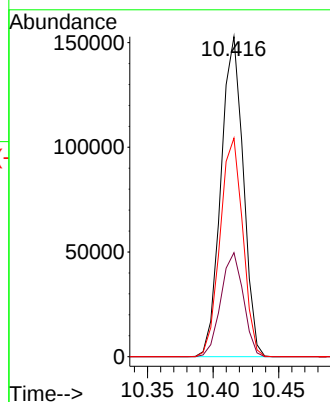
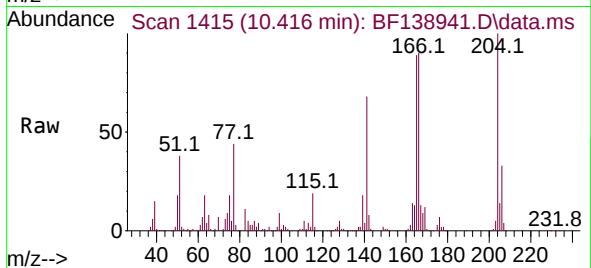




#61
4-Chlorophenyl-phenylether
Concen: 42.400 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

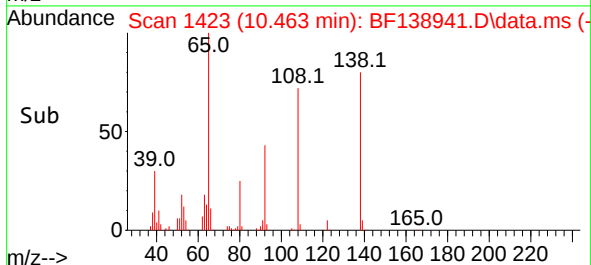
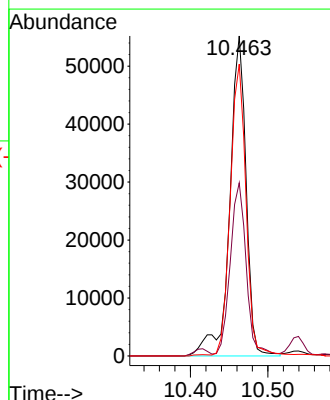
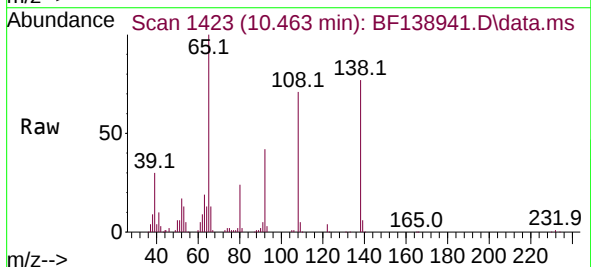
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

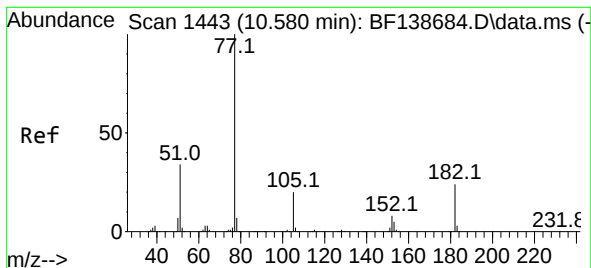
Tgt Ion:204 Resp: 180900
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 68.3 51.4 77.0



#62
4-Nitroaniline
Concen: 41.287 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion:138 Resp: 81336
Ion Ratio Lower Upper
138 100
92 54.1 34.2 74.2
108 91.2 56.2 96.2





#63

Azobenzene

Concen: 41.055 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 383622

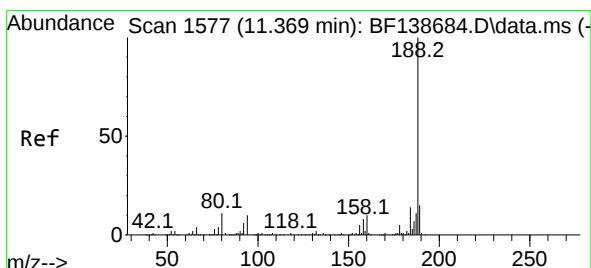
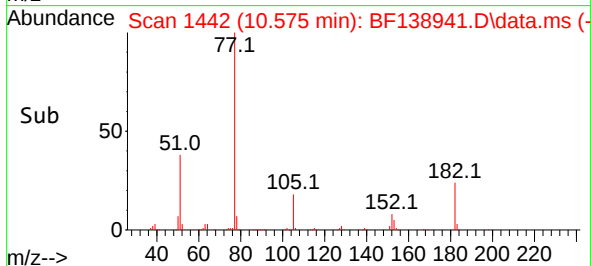
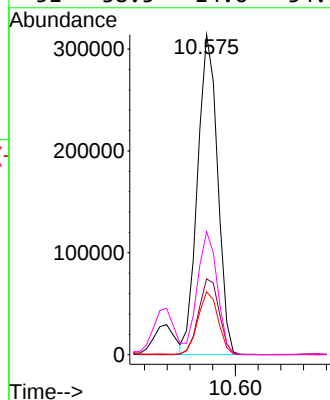
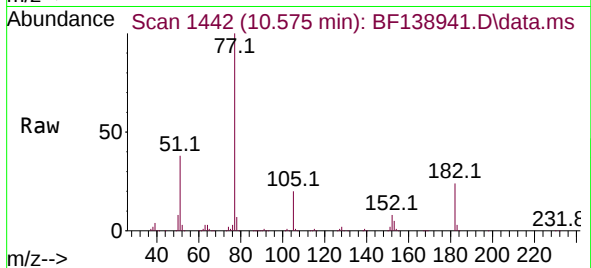
Ion Ratio Lower Upper

77 100

182 23.7 3.4 43.4

105 19.6 0.2 40.2

51 38.5 14.6 54.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

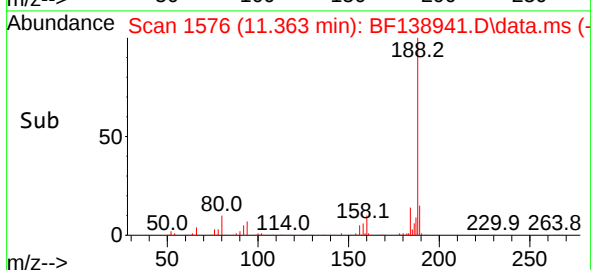
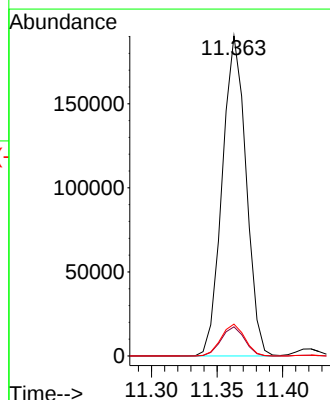
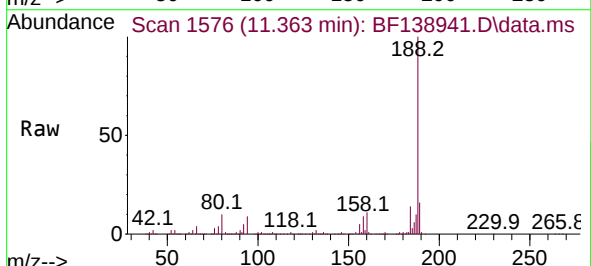
Tgt Ion: 188 Resp: 240817

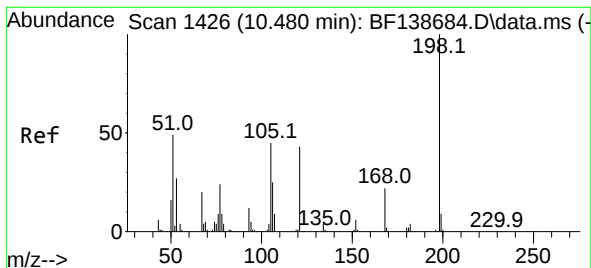
Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

80 9.9 8.6 12.8

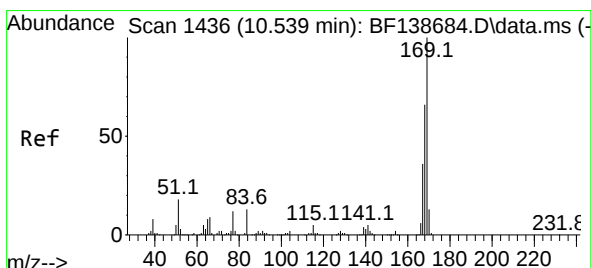
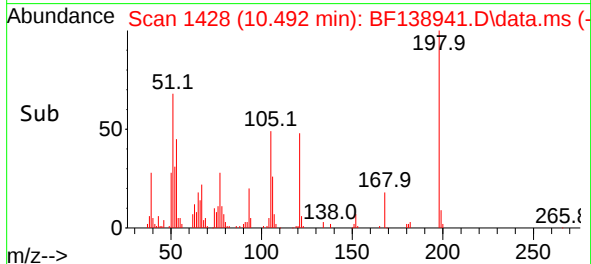
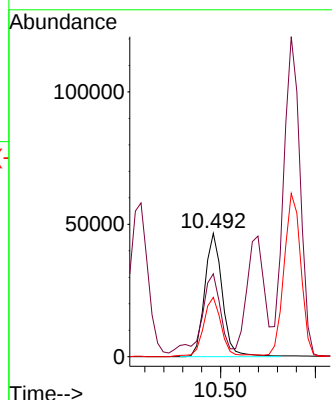
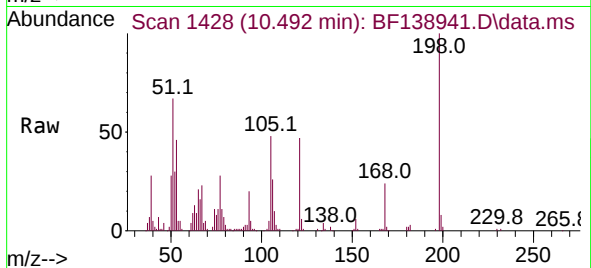




#65
4,6-Dinitro-2-methylphenol
Concen: 40.723 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

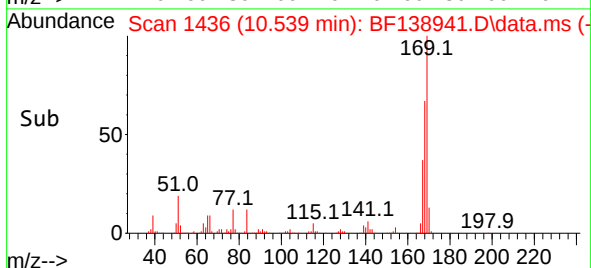
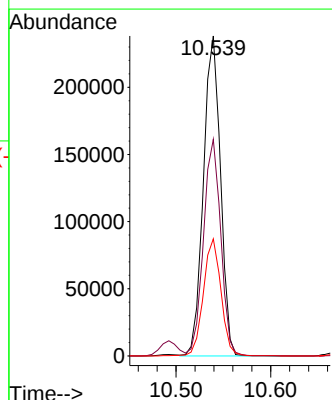
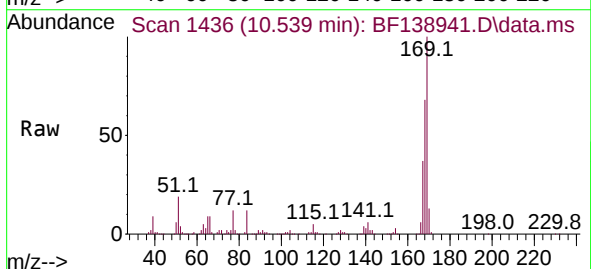
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 59830
Ion Ratio Lower Upper
198 100
51 67.2 39.9 79.9
105 48.1 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 39.654 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion:169 Resp: 298490
Ion Ratio Lower Upper
169 100
168 67.7 53.0 79.6
167 36.6 29.0 43.6

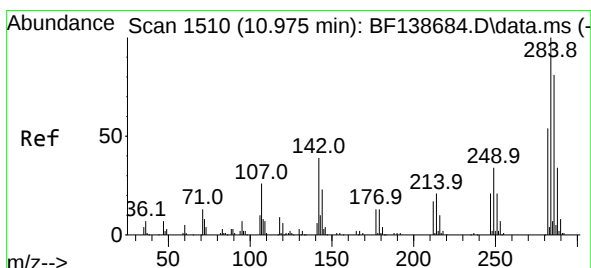
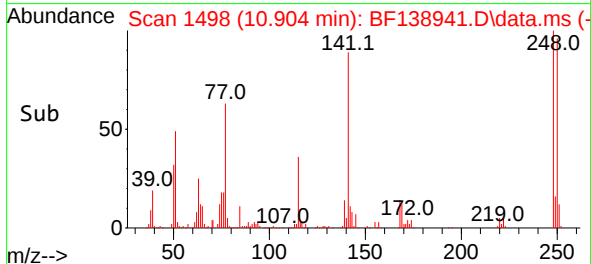
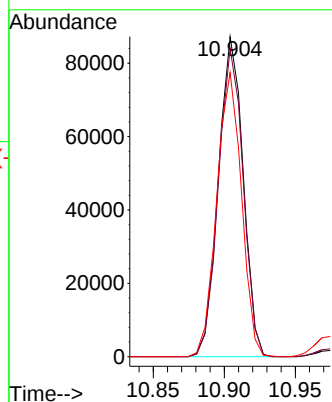
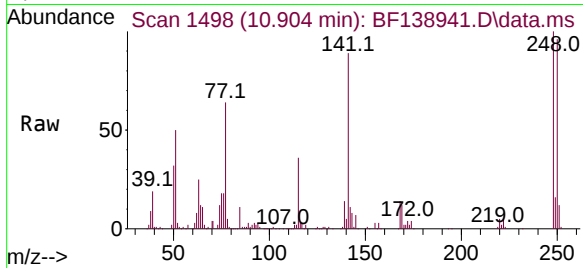




#67
4-Bromophenyl-phenylether
Concen: 40.512 ng
RT: 10.904 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

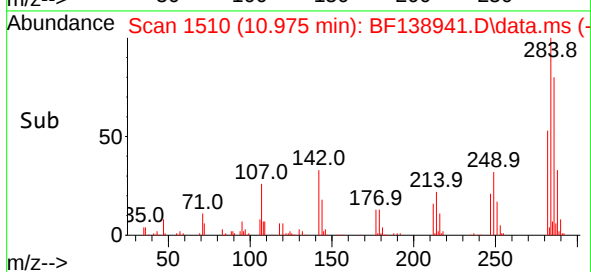
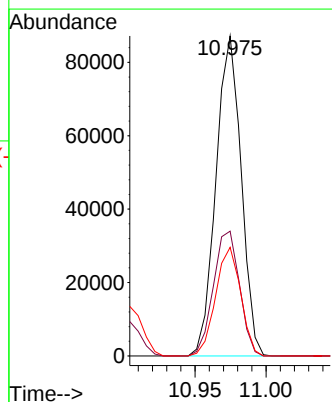
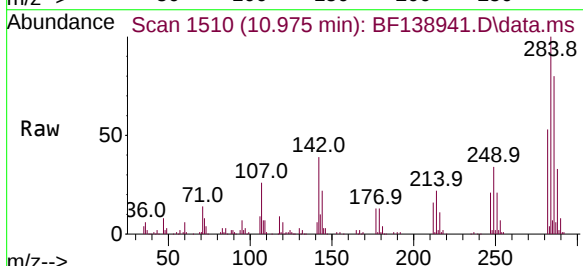
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 105627
Ion Ratio Lower Upper
248 100
250 96.3 77.7 116.5
141 88.8 68.0 102.0



#68
Hexachlorobenzene
Concen: 39.922 ng
RT: 10.975 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion:284 Resp: 107471
Ion Ratio Lower Upper
284 100
142 39.0 31.3 46.9
249 33.9 27.2 40.8





#69

Atrazine

Concen: 39.795 ng

RT: 11.063 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

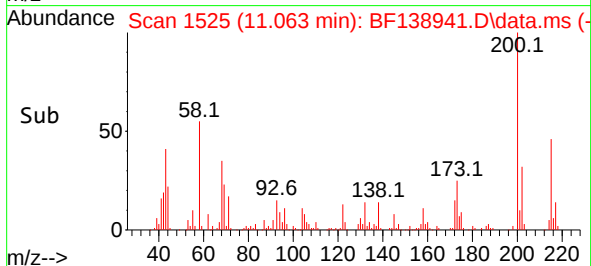
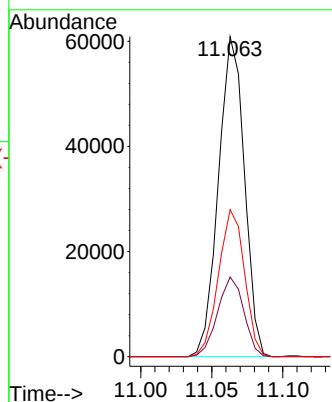
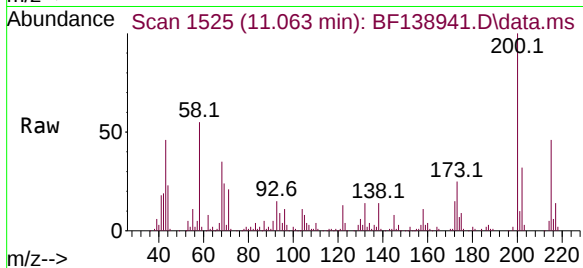
Tgt Ion:200 Resp: 77285

Ion Ratio Lower Upper

200 100

173 24.9 6.0 46.0

215 45.9 26.1 66.1



#70

Pentachlorophenol

Concen: 42.996 ng

RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

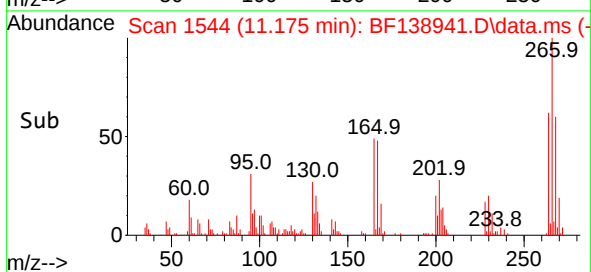
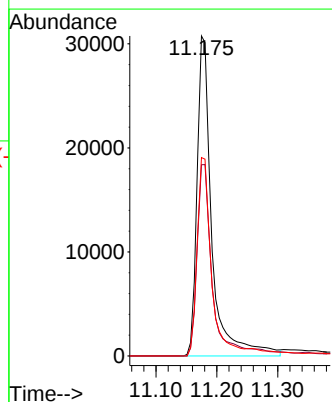
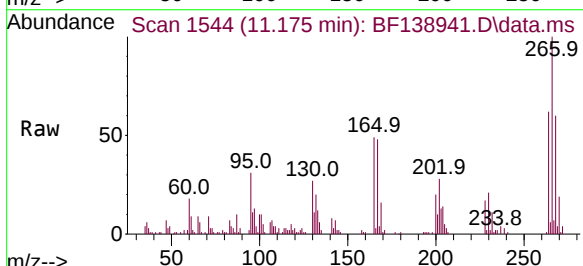
Tgt Ion:266 Resp: 52172

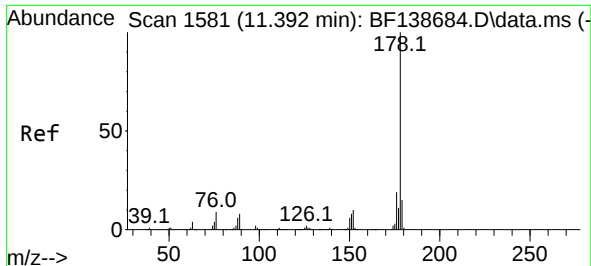
Ion Ratio Lower Upper

266 100

268 59.7 49.2 73.8

264 62.0 49.8 74.6

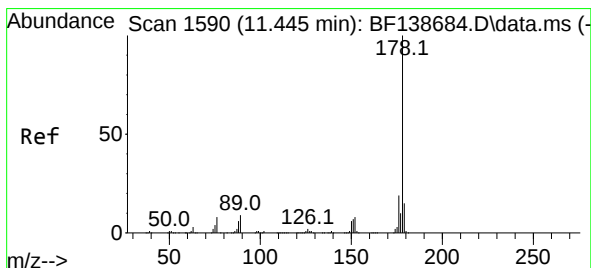
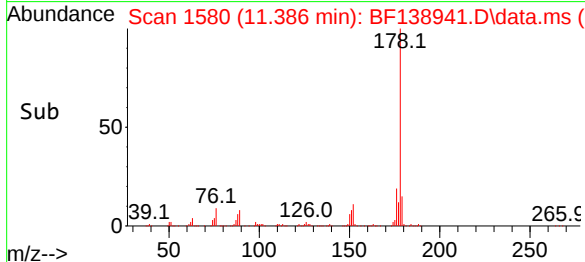
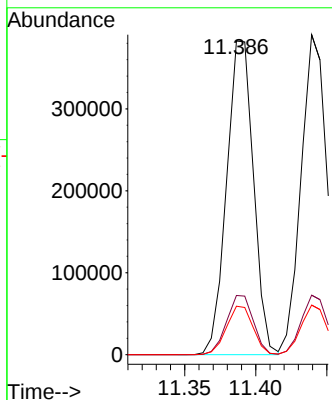
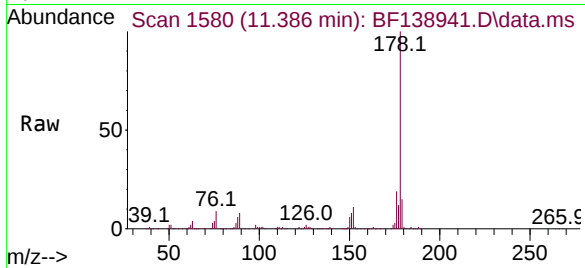




#71
Phenanthrene
Concen: 40.592 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

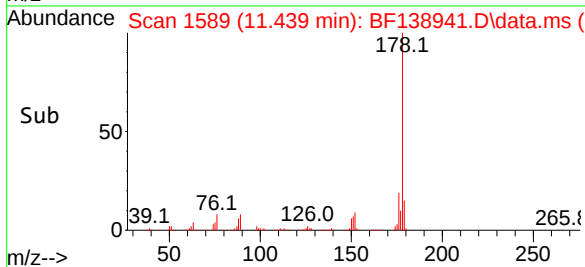
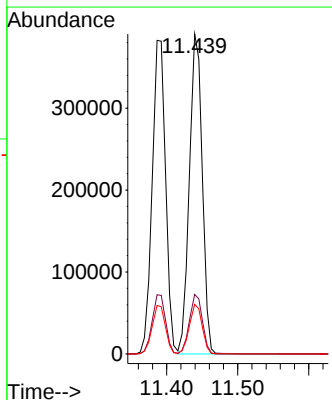
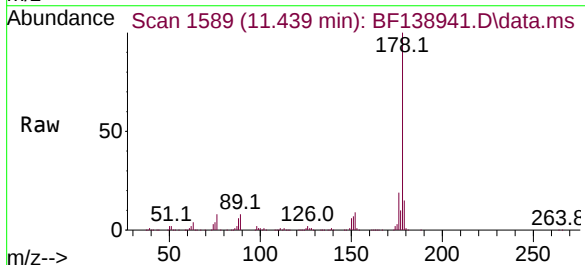
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

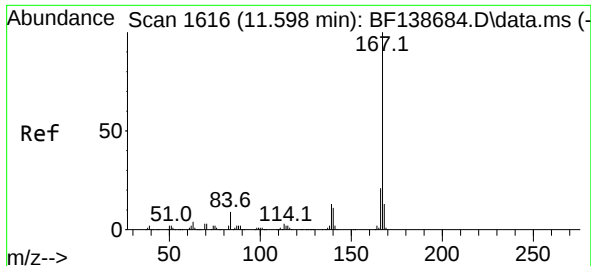
Tgt Ion:178 Resp: 503343
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.4 12.2 18.2



#72
Anthracene
Concen: 40.321 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion:178 Resp: 492551
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.5 12.4 18.6

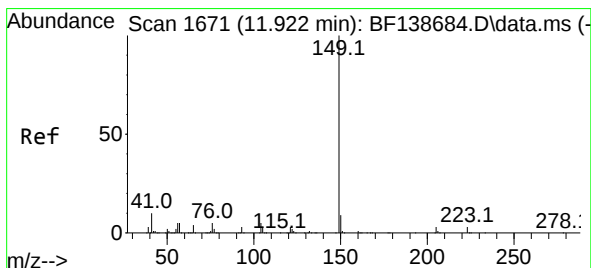
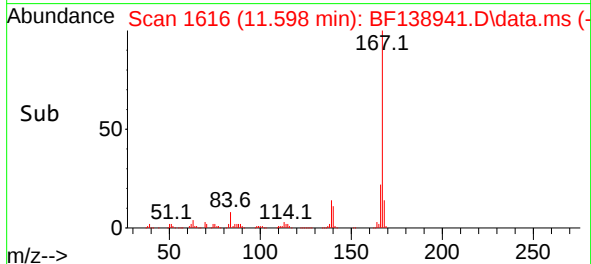
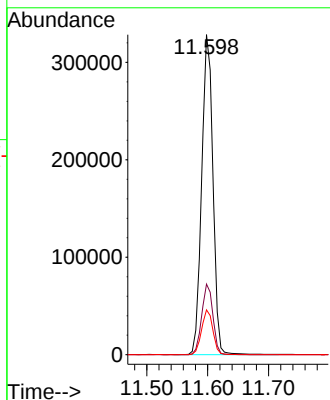
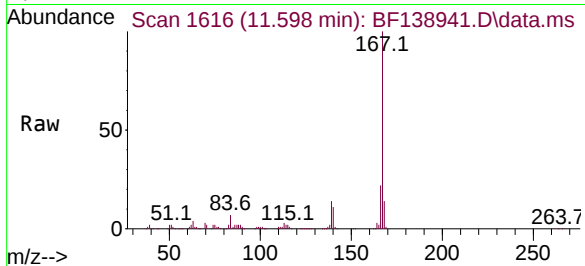




#73
 Carbazole
 Concen: 39.994 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF138941.D
 Acq: 12 Aug 2024 18:57

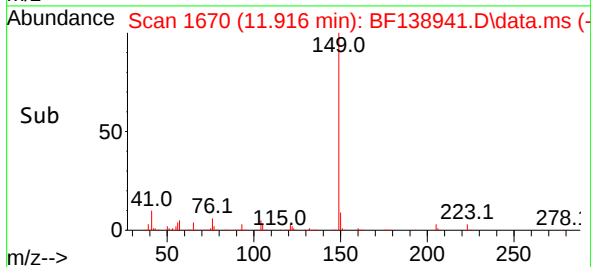
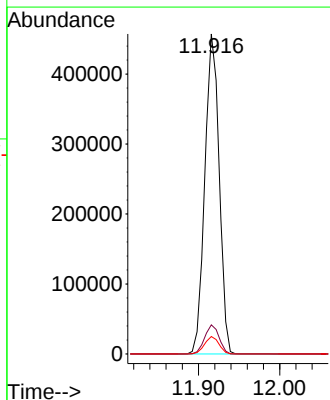
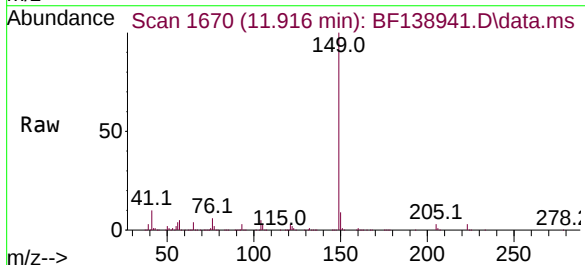
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:167 Resp: 421510
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 14.0 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 47.197 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BF138941.D
 Acq: 12 Aug 2024 18:57

Tgt Ion:149 Resp: 559178
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.4 4.1 6.1

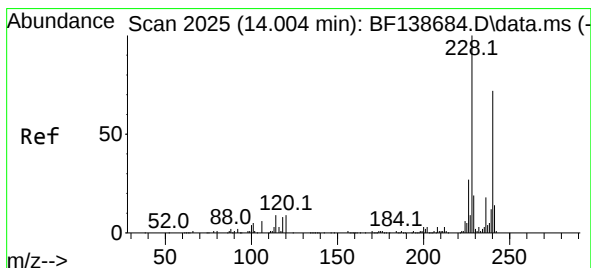
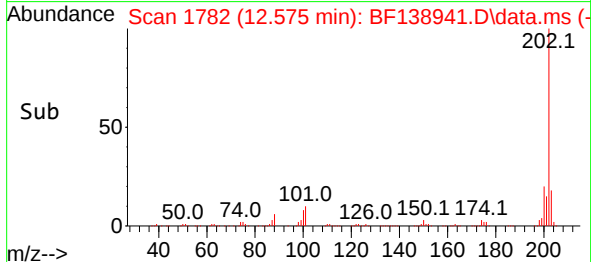
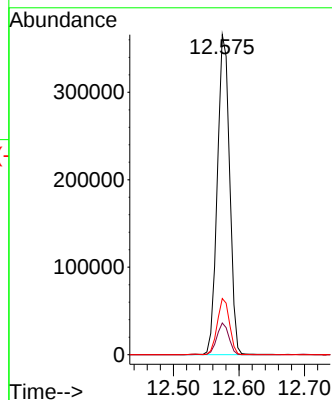
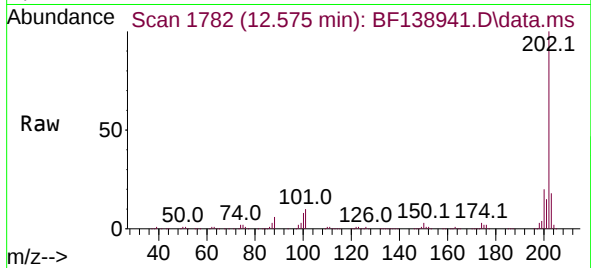




#75
Fluoranthene
Concen: 40.919 ng
RT: 12.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

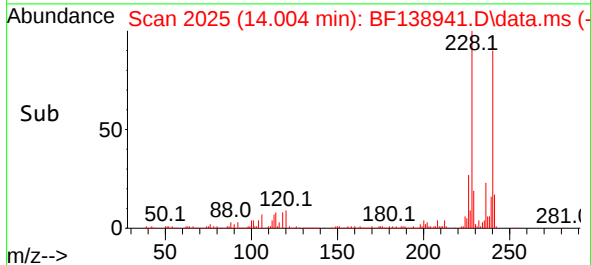
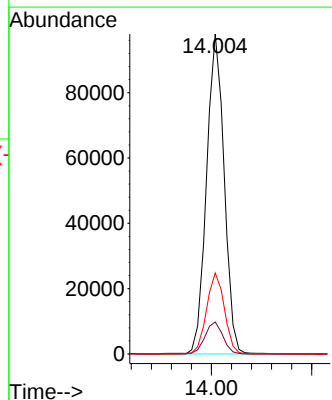
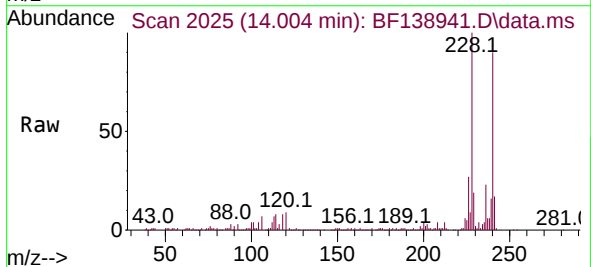
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 473694
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.2
203 17.6 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion:240 Resp: 119797
Ion Ratio Lower Upper
240 100
120 10.0 10.2 15.4#
236 25.3 19.8 29.8

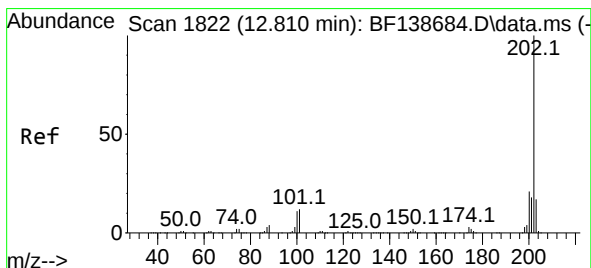
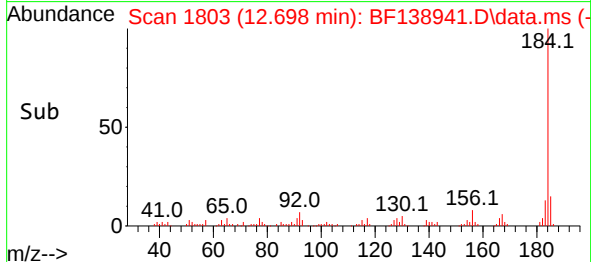
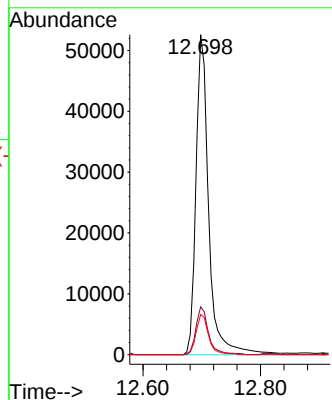
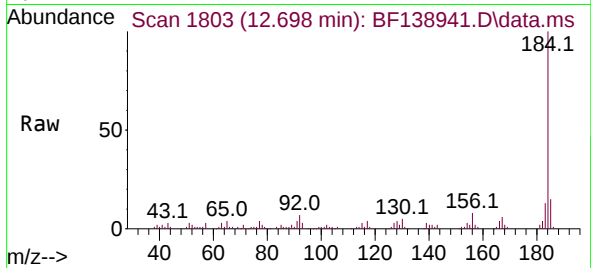




#77
Benzidine
Concen: 27.552 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

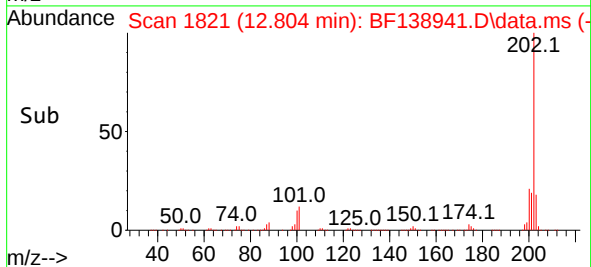
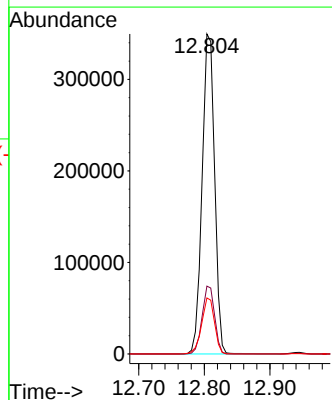
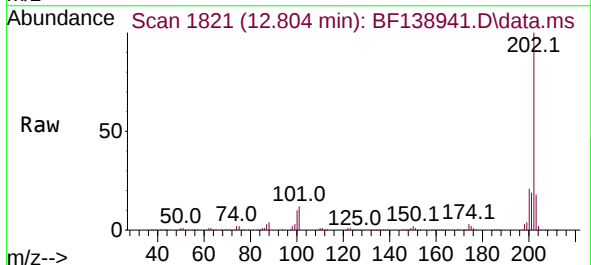
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

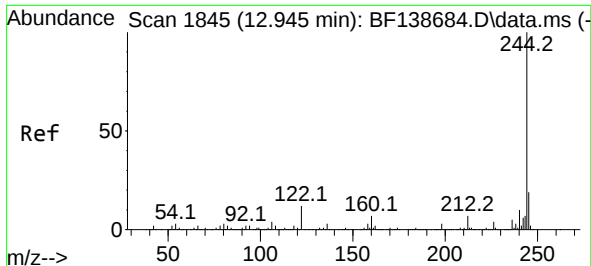
Tgt Ion:184 Resp: 78945
Ion Ratio Lower Upper
184 100
185 15.0 11.1 16.7
183 12.6 9.6 14.4



#78
Pyrene
Concen: 41.245 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

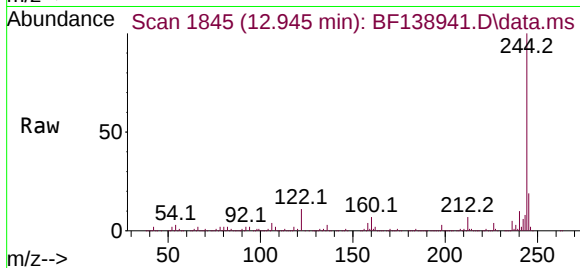
Tgt Ion:202 Resp: 465209
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.5 13.8 20.6



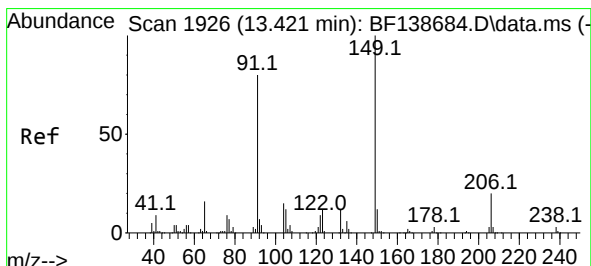
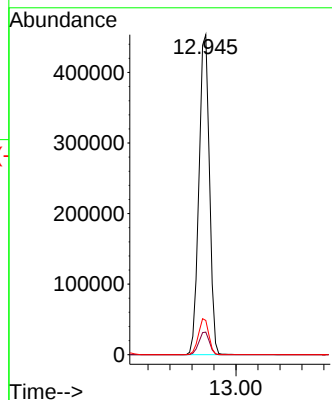
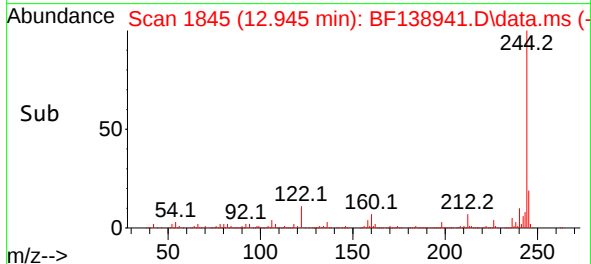


#79
 Terphenyl-d14
 Concen: 84.266 ng
 RT: 12.945 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF138941.D
 Acq: 12 Aug 2024 18:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

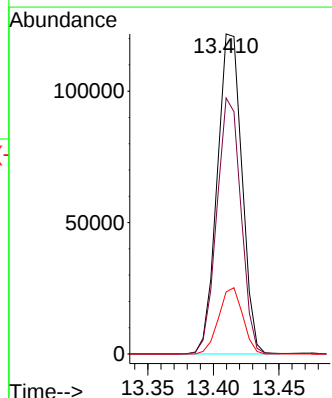
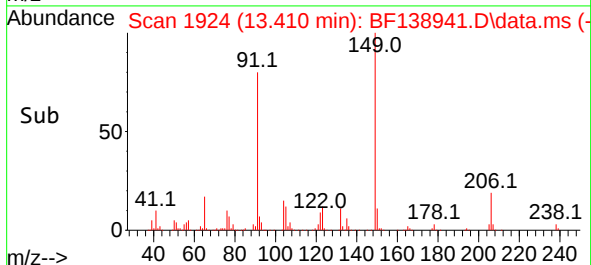
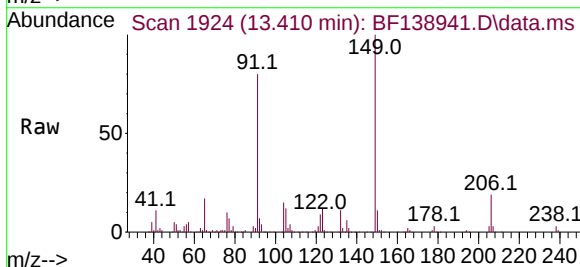


Tgt Ion:244 Resp: 602942
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 10.7 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 44.235 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.012 min
 Lab File: BF138941.D
 Acq: 12 Aug 2024 18:57

Tgt Ion:149 Resp: 159773
 Ion Ratio Lower Upper
 149 100
 91 80.0 63.7 95.5
 206 19.4 16.2 24.2





#81

Benzo(a)anthracene

Concen: 38.119 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

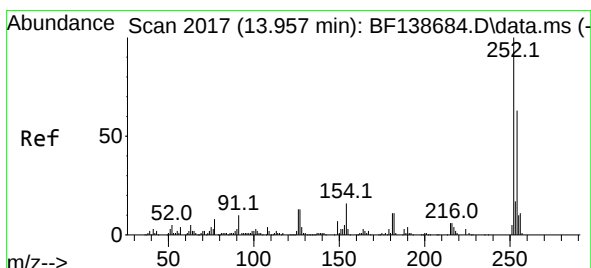
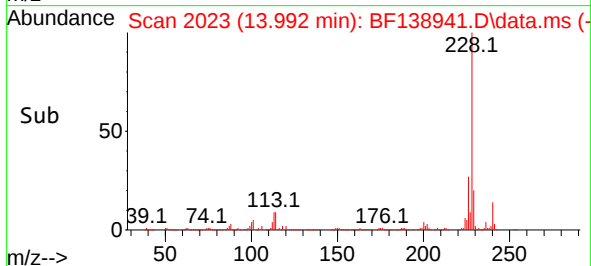
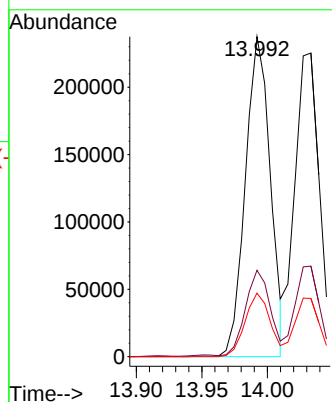
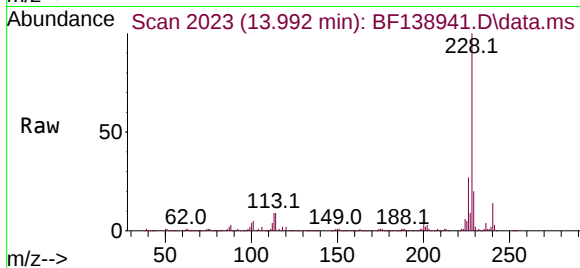
Tgt Ion:228 Resp: 314465

Ion Ratio Lower Upper

228 100

226 27.0 22.1 33.1

229 19.9 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 40.462 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

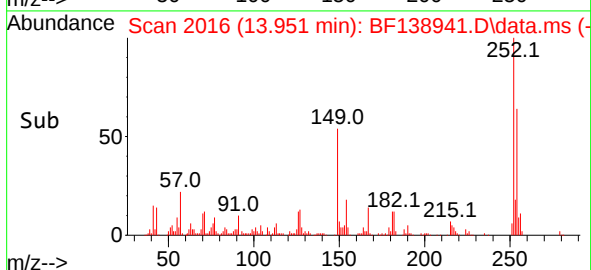
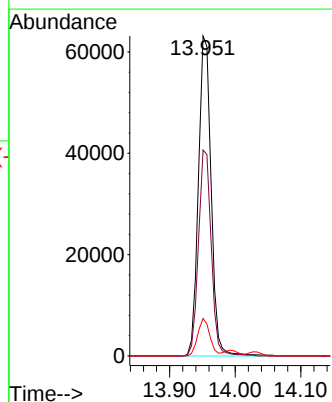
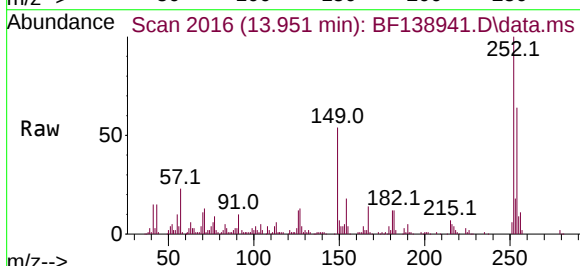
Tgt Ion:252 Resp: 85418

Ion Ratio Lower Upper

252 100

254 64.3 50.8 76.2

126 11.7 10.2 15.2





#83

Chrysene

Concen: 39.203 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

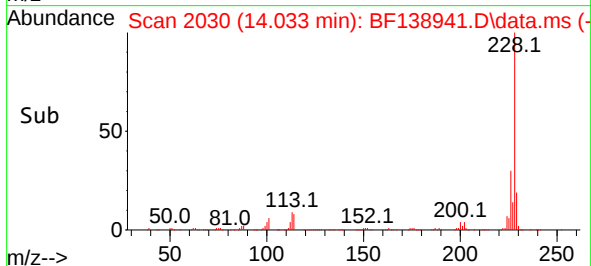
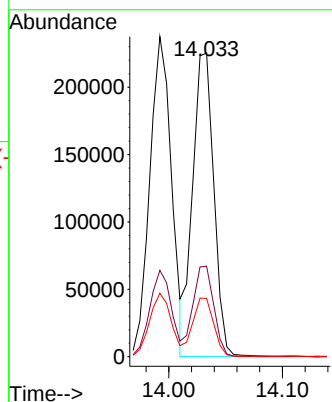
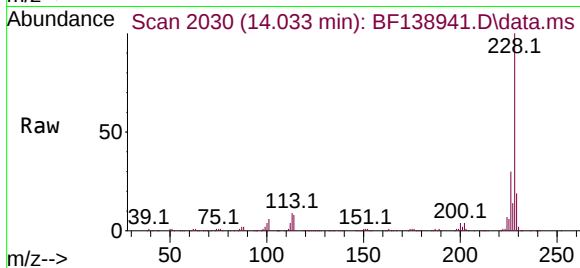
Tgt Ion:228 Resp: 291770

Ion Ratio Lower Upper

228 100

226 29.8 23.7 35.5

229 19.2 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.141 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

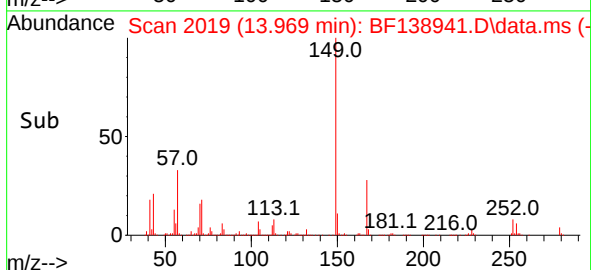
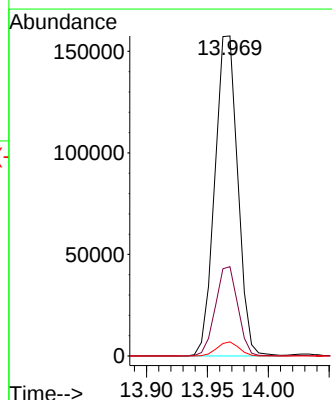
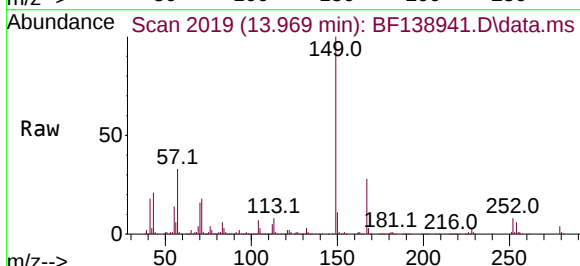
Tgt Ion:149 Resp: 207022

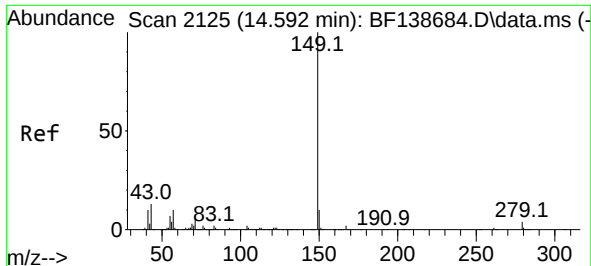
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.4

279 4.4 3.4 5.0

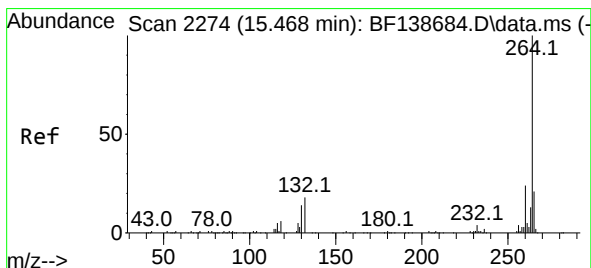
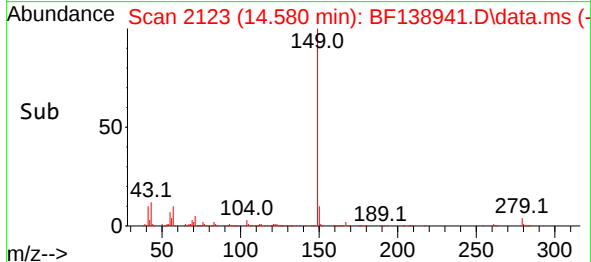
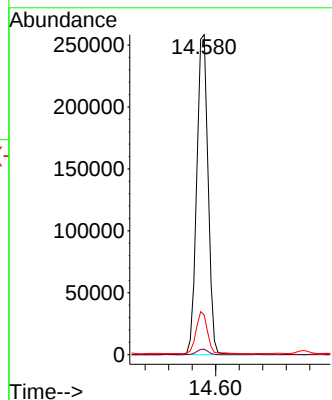
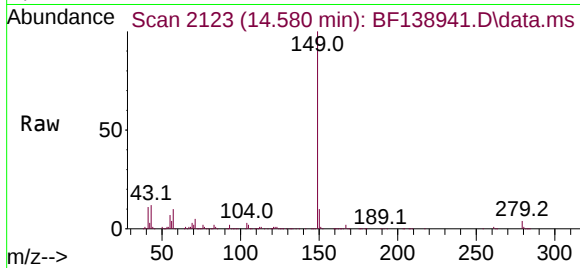




#85
Di-n-octyl phthalate
Concen: 35.264 ng
RT: 14.580 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

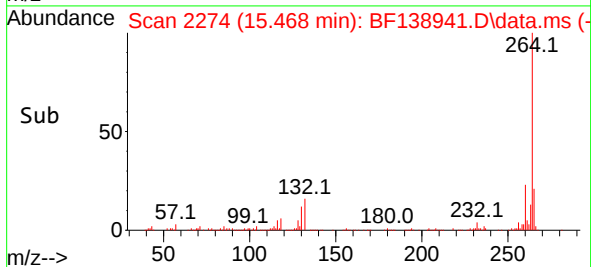
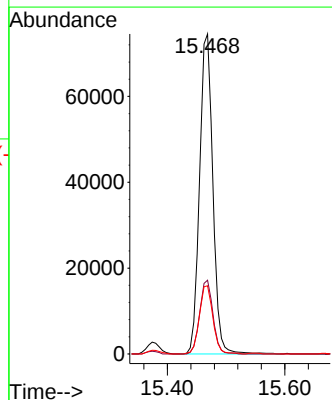
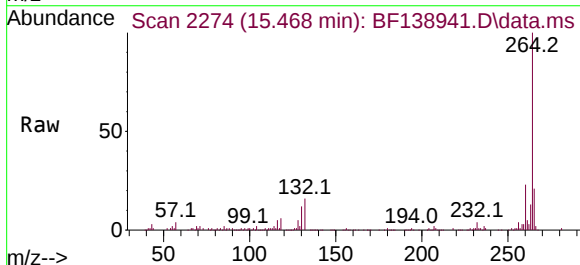
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 345083
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 13.1 10.4 15.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF138941.D
Acq: 12 Aug 2024 18:57

Tgt Ion:264 Resp: 116791
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 21.3 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.967 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

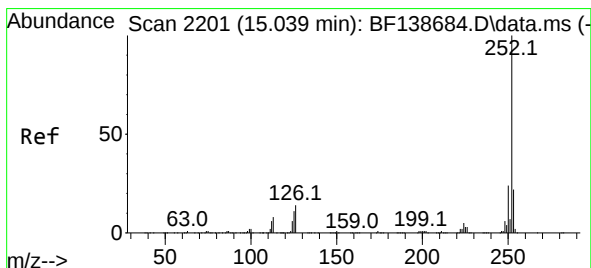
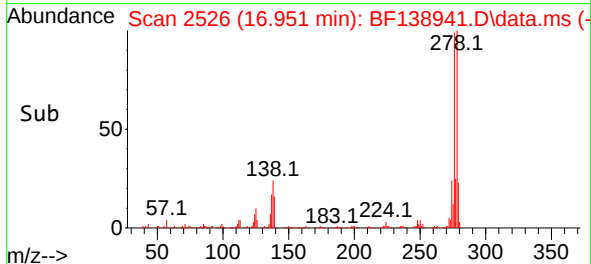
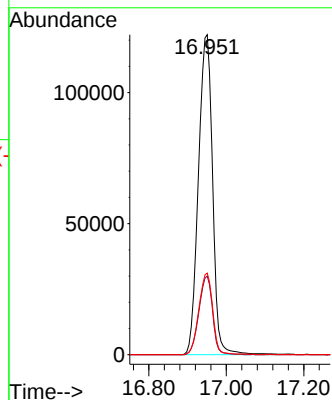
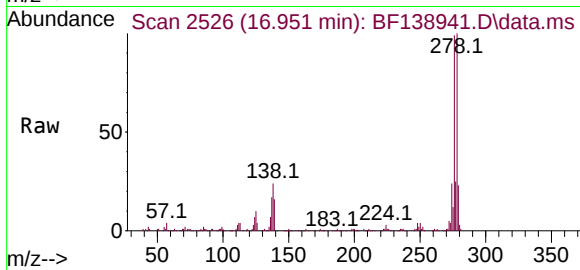
Tgt Ion:276 Resp: 309402

Ion Ratio Lower Upper

276 100

138 23.5 21.8 32.8

277 24.9 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 43.198 ng

RT: 15.039 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

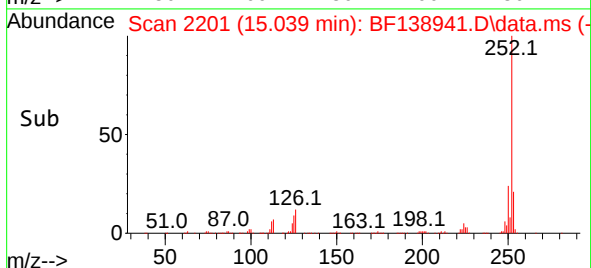
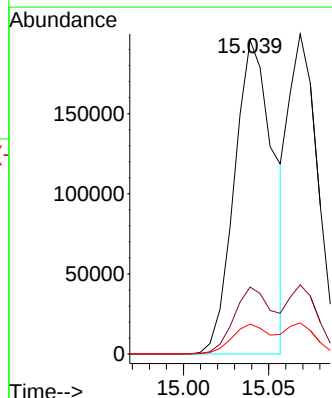
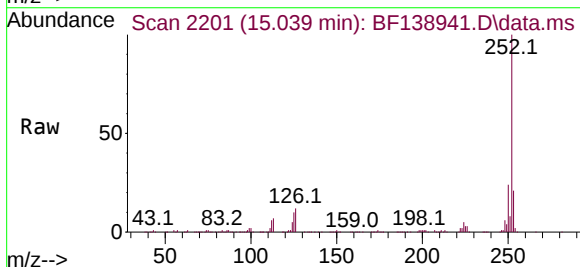
Tgt Ion:252 Resp: 312751

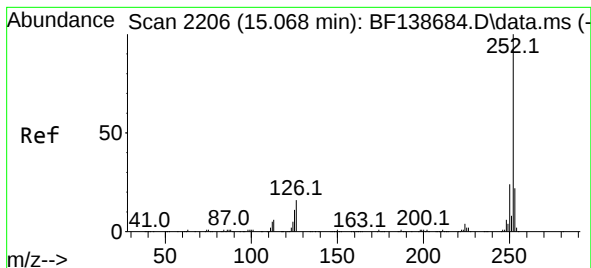
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 9.5 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 37.471 ng

RT: 15.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

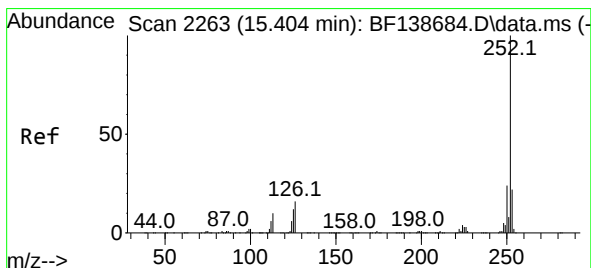
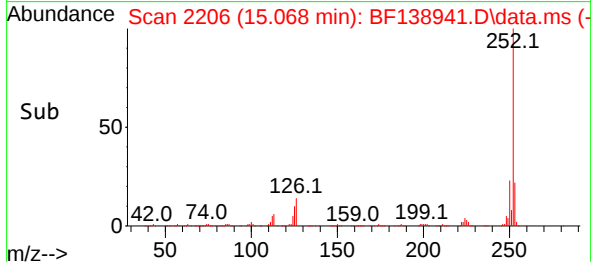
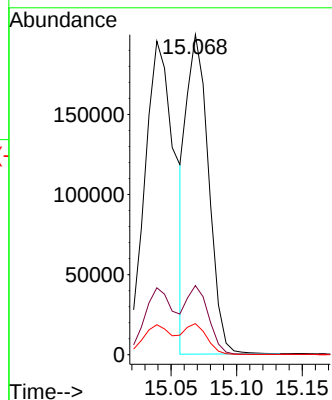
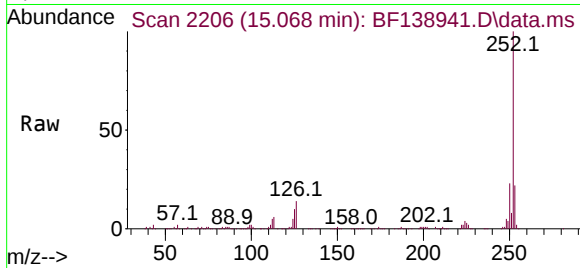
Tgt Ion:252 Resp: 234884

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 9.7 8.6 13.0



#90

Benzo(a)pyrene

Concen: 40.008 ng

RT: 15.404 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

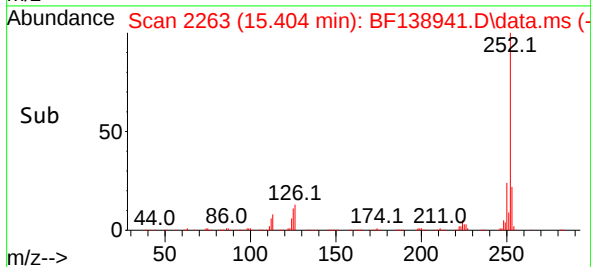
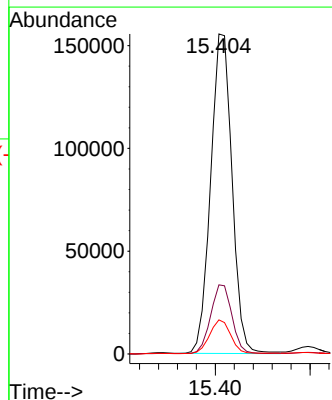
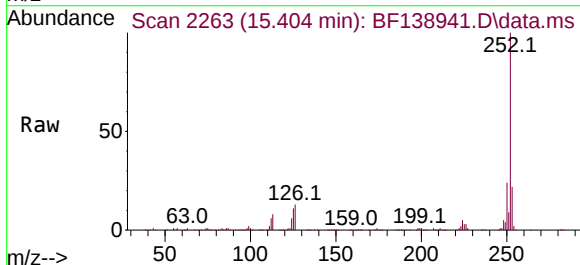
Tgt Ion:252 Resp: 243643

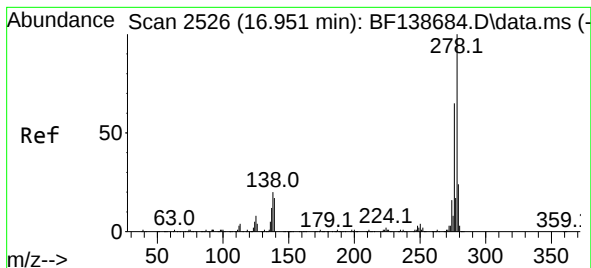
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 10.7 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 37.139 ng

RT: 16.957 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

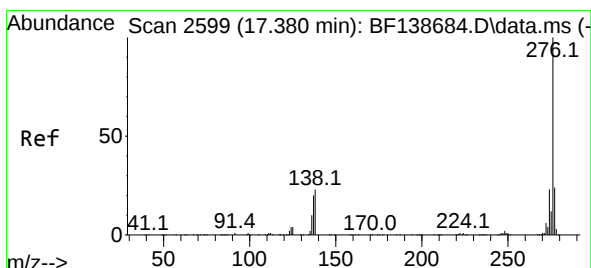
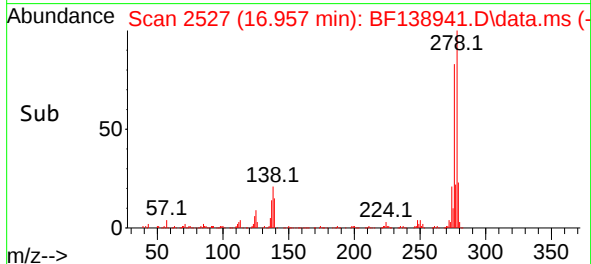
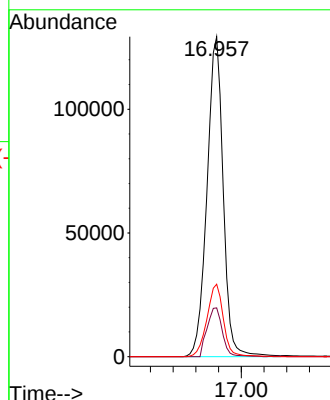
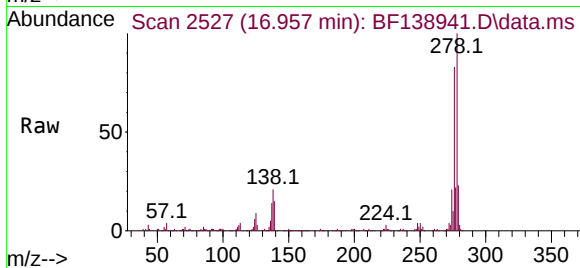
Tgt Ion:278 Resp: 255158

Ion Ratio Lower Upper

278 100

139 15.2 14.0 21.0

279 22.7 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 35.919 ng

RT: 17.392 min Scan# 2601

Delta R.T. 0.012 min

Lab File: BF138941.D

Acq: 12 Aug 2024 18:57

Tgt Ion:276 Resp: 256083

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 20.6 18.5 27.7

