

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
 Data File : BF140340.D
 Acq On : 13 Nov 2024 12:48
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Nov 13 14:28:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 13:11:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	147186	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	589077	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	334544	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	628587	20.000	ng	0.00
76) Chrysene-d12	14.063	240	385940	20.000	ng	0.01
86) Perylene-d12	15.580	264	322417	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	677089	78.544	ng	0.00
7) Phenol-d6	6.504	99	945074	80.918	ng	0.00
23) Nitrobenzene-d5	7.440	82	884247	78.210	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	257655	77.449	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1568502	75.369	ng	0.00
79) Terphenyl-d14	12.986	244	1733989	77.987	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	151541	39.442	ng	99
3) Pyridine	3.399	79	387454	41.019	ng	99
4) n-Nitrosodimethylamine	3.352	42	193917	40.620	ng	97
6) Aniline	6.540	93	427252	42.052	ng	100
8) 2-Chlorophenol	6.663	128	371904	40.162	ng	100
9) Benzaldehyde	6.428	77	262348	37.479	ng	99
10) Phenol	6.516	94	507443	41.199	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	371673	39.825	ng	99
12) 1,3-Dichlorobenzene	6.816	146	404387	39.579	ng	99
13) 1,4-Dichlorobenzene	6.893	146	409423	39.520	ng	99
14) 1,2-Dichlorobenzene	7.051	146	380948	39.610	ng	100
15) Benzyl Alcohol	7.016	79	356418	42.357	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	534596	41.471	ng	99
17) 2-Methylphenol	7.128	107	313127	41.105	ng	99
18) Hexachloroethane	7.387	117	151355	39.519	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	288974	40.966	ng	98
20) 3+4-Methylphenols	7.281	107	397692	41.745	ng	96
22) Acetophenone	7.287	105	529699	38.662	ng	98
24) Nitrobenzene	7.457	77	462701	39.307	ng	99
25) Isophorone	7.698	82	793806	39.616	ng	99
26) 2-Nitrophenol	7.775	139	210859	40.366	ng	99
27) 2,4-Dimethylphenol	7.804	122	262308	39.222	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	479505	39.027	ng	100
29) 2,4-Dichlorophenol	8.016	162	323936	39.193	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	355366	38.619	ng	100
31) Naphthalene	8.181	128	1157149	38.723	ng	100
32) Benzoic acid	7.928	122	249383	42.449	ng	96
33) 4-Chloroaniline	8.228	127	400271	38.516	ng	100
34) Hexachlorobutadiene	8.292	225	227805	38.855	ng	99
35) Caprolactam	8.598	113	108216	38.943	ng	96
36) 4-Chloro-3-methylphenol	8.704	107	364230	39.766	ng	99
37) 2-Methylnaphthalene	8.869	142	744201	38.839	ng	99
38) 1-Methylnaphthalene	8.969	142	736798	39.267	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	354978	38.371	ng	99
41) Hexachlorocyclopentadiene	9.022	237	93127	39.207	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	240824	39.666	ng	99

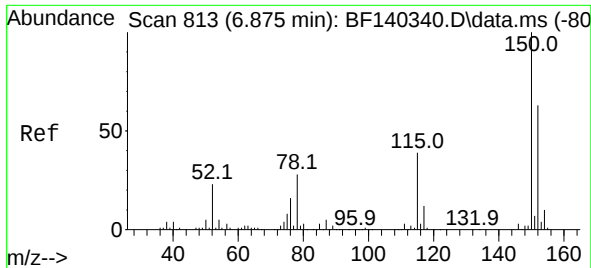
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	260135	39.190	ng	99
46) 1,1'-Biphenyl	9.334	154	939571	38.605	ng	99
47) 2-Chloronaphthalene	9.357	162	712904	38.453	ng	99
48) 2-Nitroaniline	9.457	65	243614	39.621	ng	99
49) Acenaphthylene	9.775	152	1094318	39.012	ng	100
50) Dimethylphthalate	9.634	163	843750	38.694	ng	100
51) 2,6-Dinitrotoluene	9.698	165	198967	40.024	ng	99
52) Acenaphthene	9.951	154	733408	38.711	ng	100
53) 3-Nitroaniline	9.869	138	207550	39.755	ng	100
54) 2,4-Dinitrophenol	9.975	184	98545	38.441	ng	98
55) Dibenzofuran	10.122	168	1042453	38.868	ng	100
56) 4-Nitrophenol	10.022	139	157938	41.475	ng	98
57) 2,4-Dinitrotoluene	10.104	165	258886	39.569	ng	98
58) Fluorene	10.463	166	804084	37.951	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	212533	40.586	ng	99
60) Diethylphthalate	10.334	149	861287	38.627	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	403914	38.614	ng	99
62) 4-Nitroaniline	10.481	138	213640	40.022	ng	100
63) Azobenzene	10.616	77	865008	39.263	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	136662	40.409	ng	98
66) n-Nitrosodiphenylamine	10.575	169	703286	38.723	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	243728	38.789	ng	100
68) Hexachlorobenzene	11.010	284	273839	38.734	ng	98
69) Atrazine	11.098	200	181993	33.121	ng	99
70) Pentachlorophenol	11.204	266	160120	42.046	ng	98
71) Phenanthrene	11.428	178	1135052	38.440	ng	100
72) Anthracene	11.481	178	1117453	38.613	ng	100
73) Carbazole	11.633	167	1101588	38.551	ng	100
74) Di-n-butylphthalate	11.957	149	1350065	39.365	ng	100
75) Fluoranthene	12.616	202	1279456	38.621	ng	100
77) Benzidine	12.739	184	504166	34.036	ng	99
78) Pyrene	12.845	202	1295809	39.252	ng	100
80) Butylbenzylphthalate	13.463	149	532219	41.968	ng	97
81) Benzo(a)anthracene	14.051	228	975194	38.447	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	310326	38.491	ng	99
83) Chrysene	14.086	228	901424	38.950	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	715490	42.269	ng	100
85) Di-n-octyl phthalate	14.680	149	995484	41.757	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	811059	40.723	ng	100
88) Benzo(b)fluoranthene	15.139	252	814405	38.614	ng	100
89) Benzo(k)fluoranthene	15.174	252	683609	39.676	ng	99
90) Benzo(a)pyrene	15.516	252	648346	39.585	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	670243	40.712	ng	99
92) Benzo(g,h,i)perylene	17.545	276	685184	40.711	ng	100

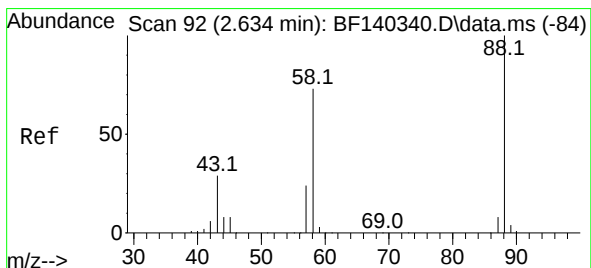
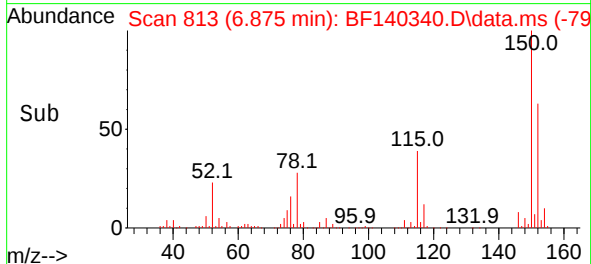
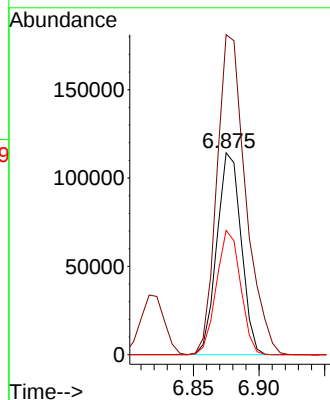
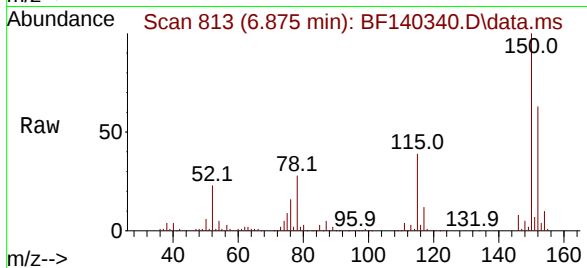
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

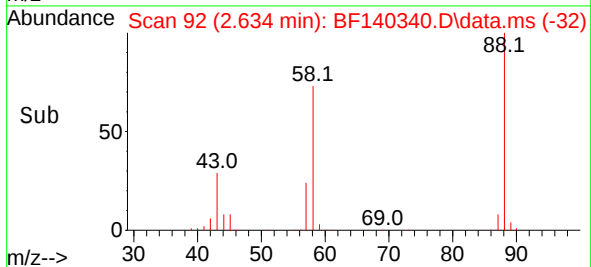
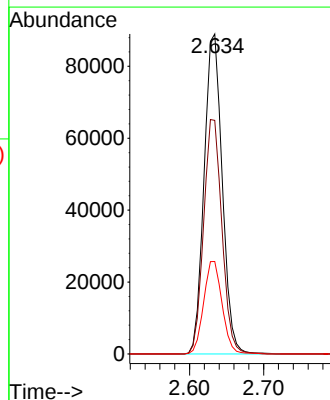
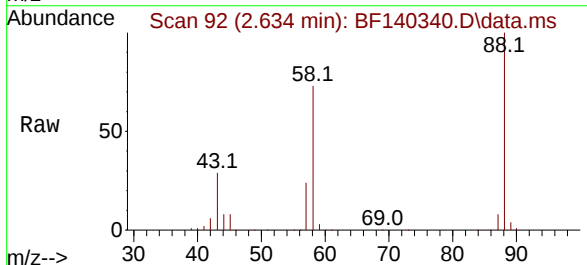
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

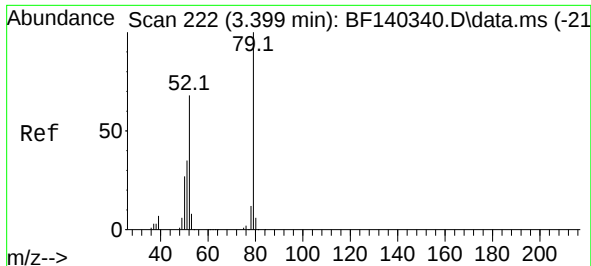
Tgt Ion:152 Resp: 147186
Ion Ratio Lower Upper
152 100
150 158.5 127.4 191.0
115 61.6 47.4 71.2



#2
1,4-Dioxane
Concen: 39.442 ng
RT: 2.634 min Scan# 92
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion: 88 Resp: 151541
Ion Ratio Lower Upper
88 100
58 73.8 59.5 89.3
43 29.4 23.4 35.2





#3

Pyridine

Concen: 41.019 ng

RT: 3.399 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

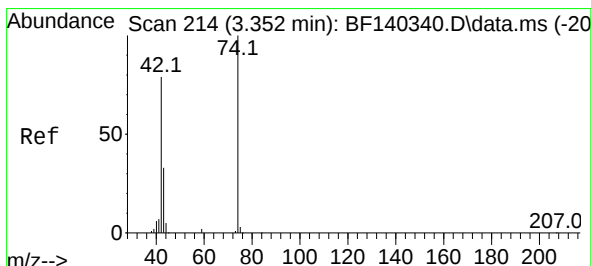
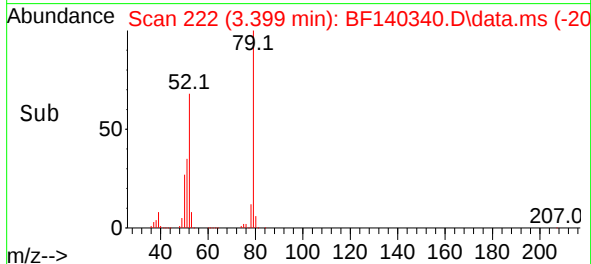
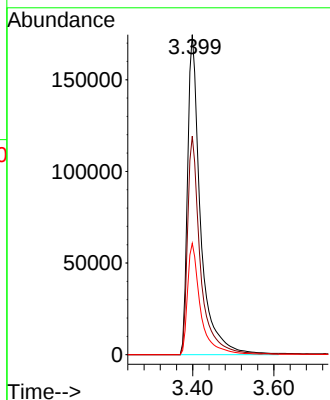
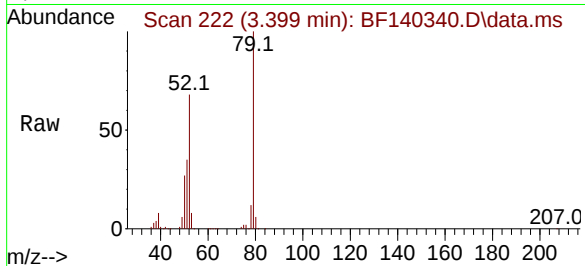
Tgt Ion: 79 Resp: 387454

Ion Ratio Lower Upper

79 100

52 68.3 53.8 80.6

51 34.8 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 40.620 ng

RT: 3.352 min Scan# 214

Delta R.T. -0.006 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

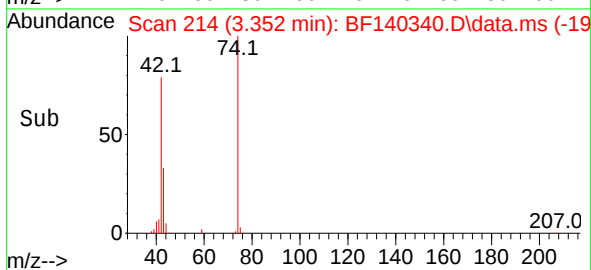
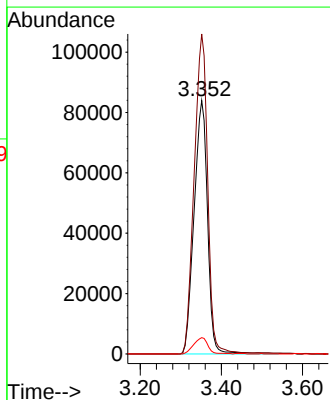
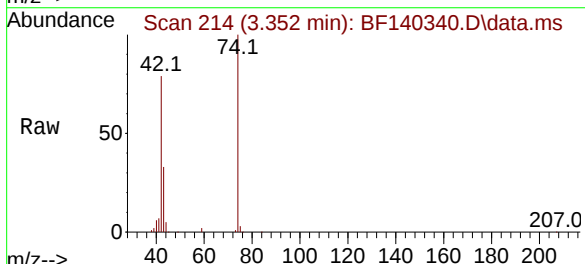
Tgt Ion: 42 Resp: 193917

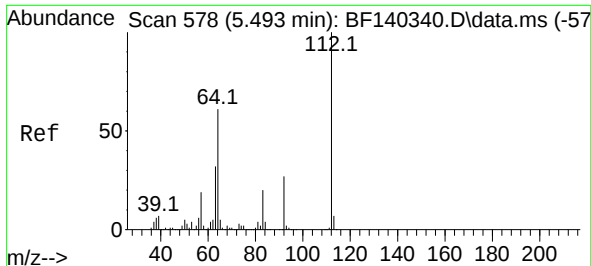
Ion Ratio Lower Upper

42 100

74 126.3 103.5 155.3

44 6.4 5.1 7.7

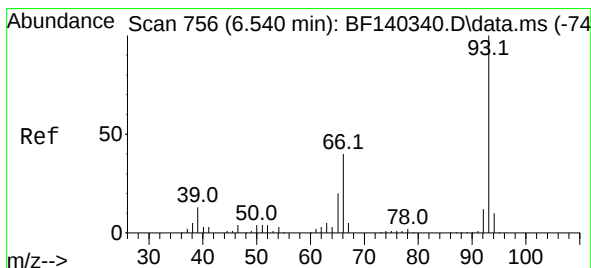
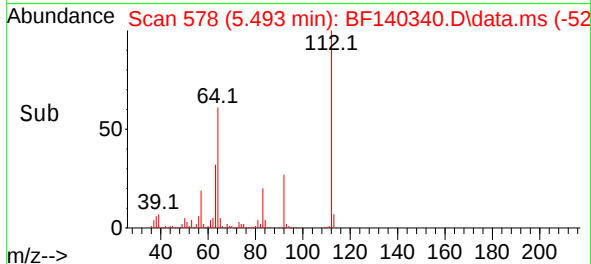
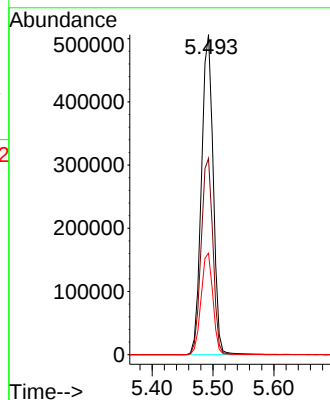
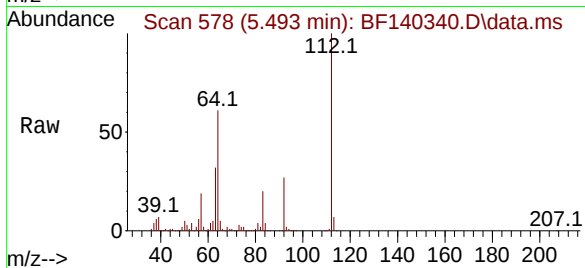




#5
2-Fluorophenol
Concen: 78.544 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

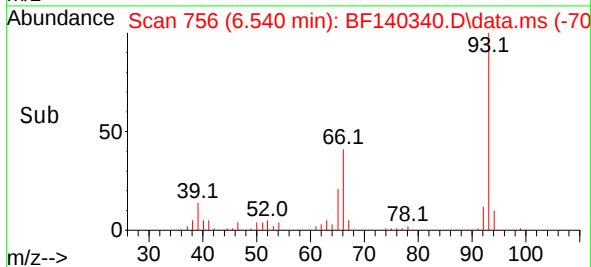
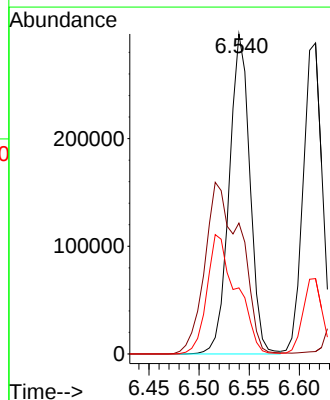
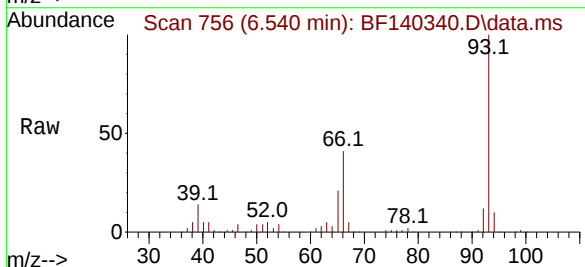
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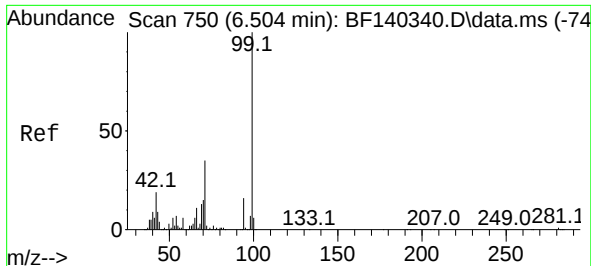
Tgt Ion:112 Resp: 677089
Ion Ratio Lower Upper
112 100
64 61.3 49.2 73.8
63 31.7 25.6 38.4



#6
Aniline
Concen: 42.052 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion: 93 Resp: 427252
Ion Ratio Lower Upper
93 100
66 40.9 32.8 49.2
65 20.6 16.6 25.0

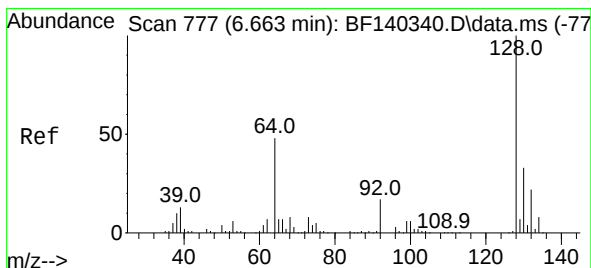
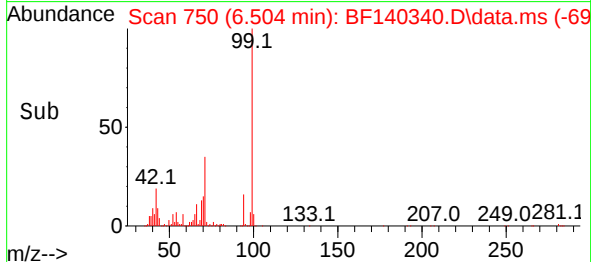
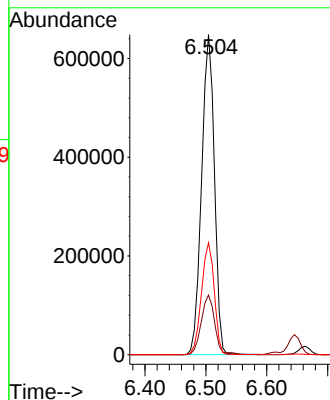
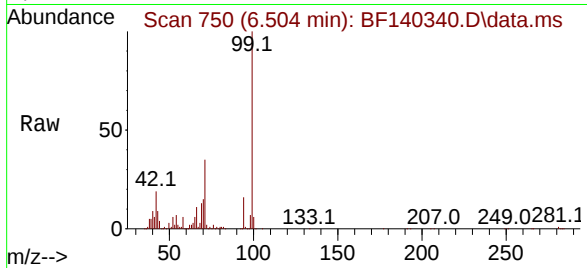




#7
Phenol-d6
Concen: 80.918 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

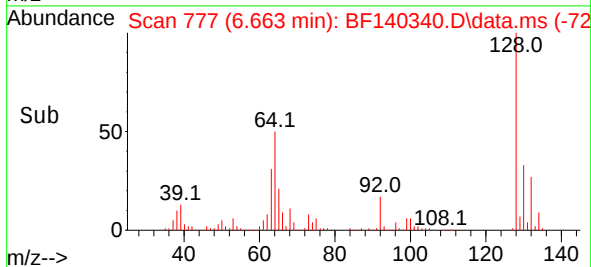
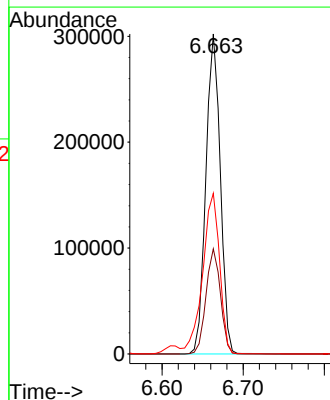
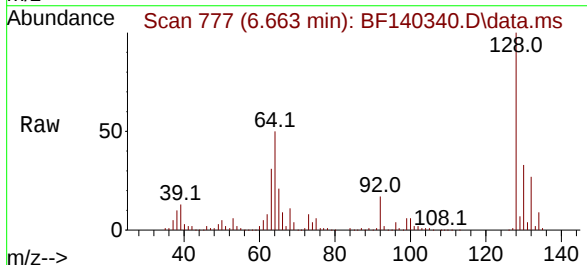
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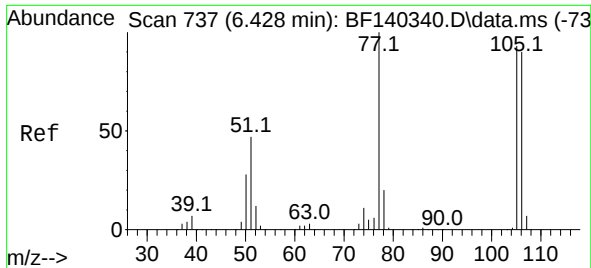
Tgt Ion: 99 Resp: 945074
Ion Ratio Lower Upper
99 100
42 18.7 15.1 22.7
71 35.0 27.9 41.9



#8
2-Chlorophenol
Concen: 40.162 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion: 128 Resp: 371904
Ion Ratio Lower Upper
128 100
130 32.8 12.2 52.2
64 50.2 30.2 70.2





#9

Benzaldehyde

Concen: 37.479 ng

RT: 6.428 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

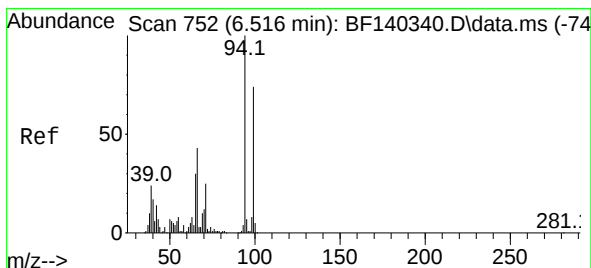
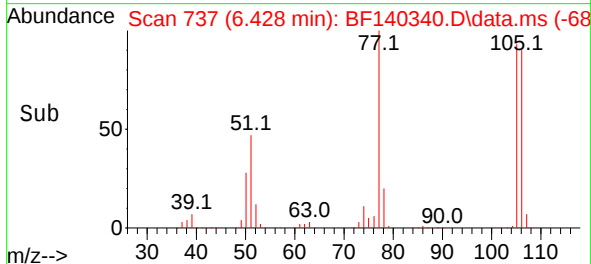
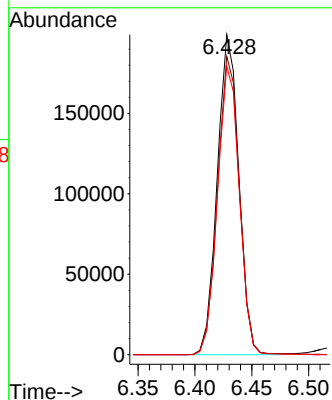
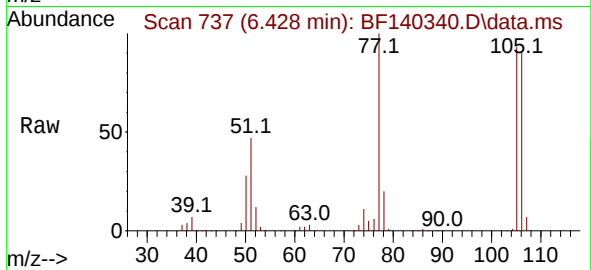
Tgt Ion: 77 Resp: 262348

Ion Ratio Lower Upper

77 100

105 93.2 74.4 114.4

106 90.2 69.9 109.9



#10

Phenol

Concen: 41.199 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

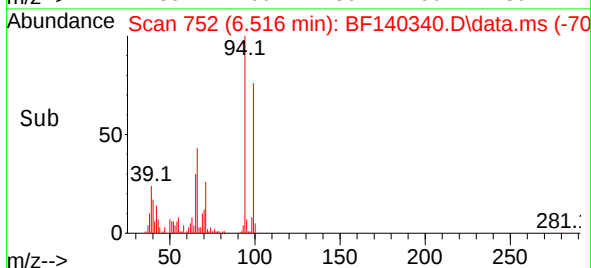
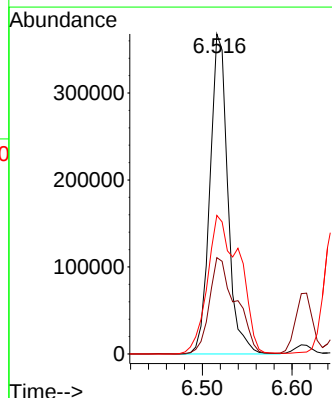
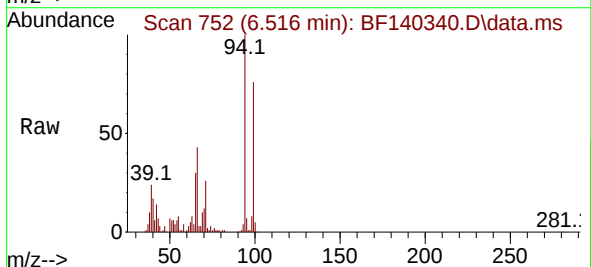
Tgt Ion: 94 Resp: 507443

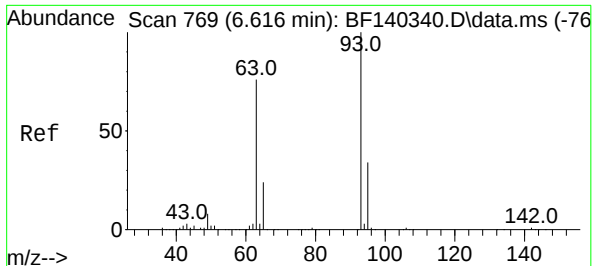
Ion Ratio Lower Upper

94 100

65 30.1 10.4 50.4

66 43.3 22.9 62.9

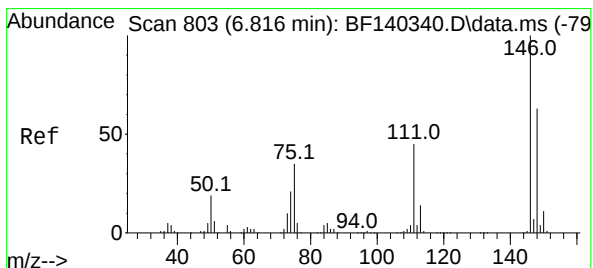
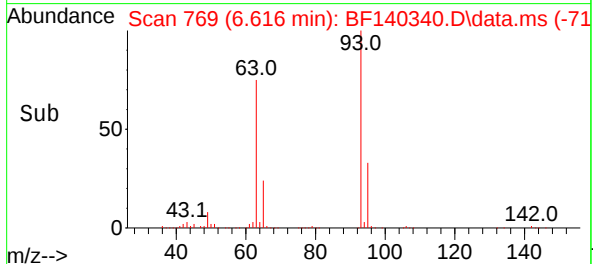
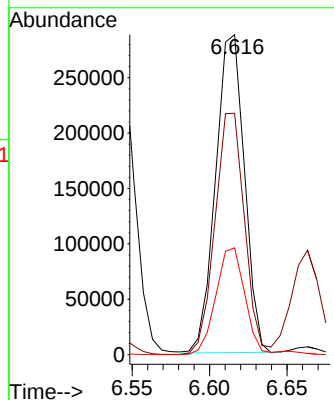
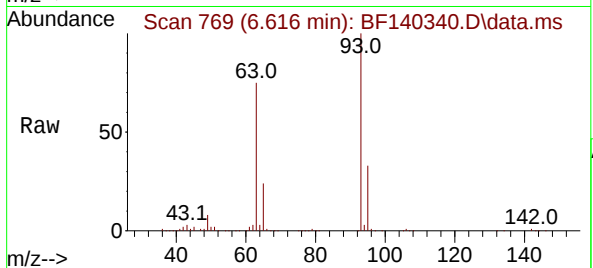




#11
bis(2-Chloroethyl)ether
Concen: 39.825 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

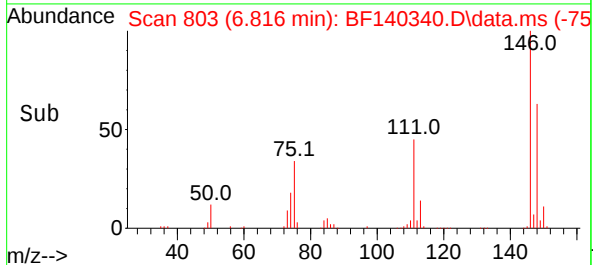
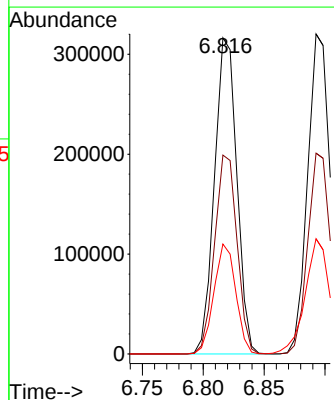
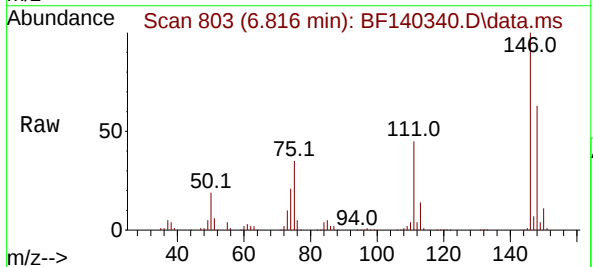
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

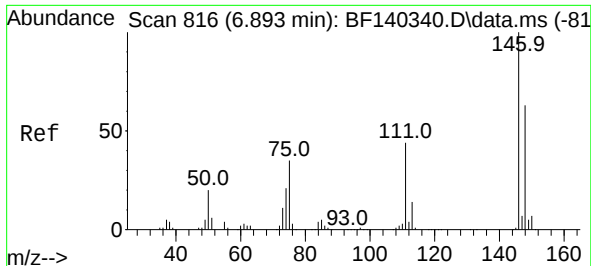
Tgt Ion: 93 Resp: 371673
Ion Ratio Lower Upper
93 100
63 75.5 54.0 94.0
95 33.4 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 39.579 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:146 Resp: 404387
Ion Ratio Lower Upper
146 100
148 62.9 50.7 76.1
75 34.8 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 39.520 ng

RT: 6.893 min Scan# 816

Delta R.T. -0.006 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

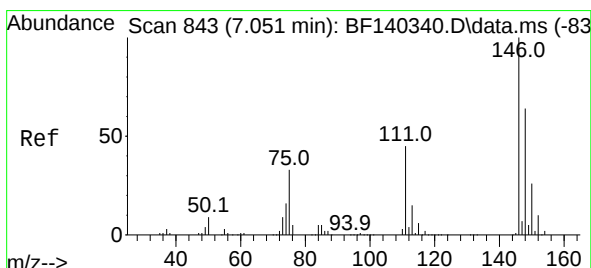
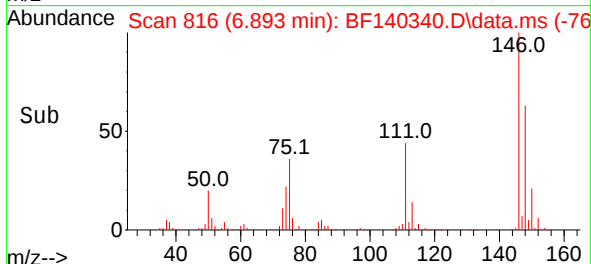
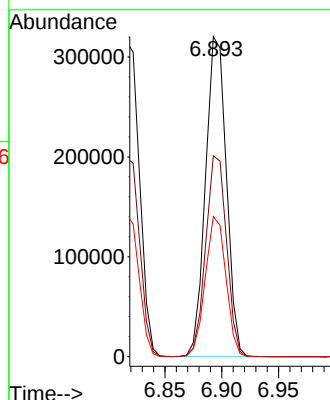
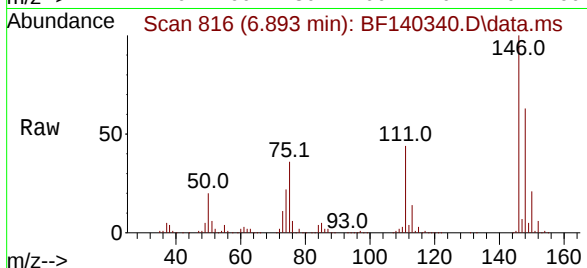
Tgt Ion:146 Resp: 409423

Ion Ratio Lower Upper

146 100

148 62.7 50.8 76.2

111 43.8 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 39.610 ng

RT: 7.051 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

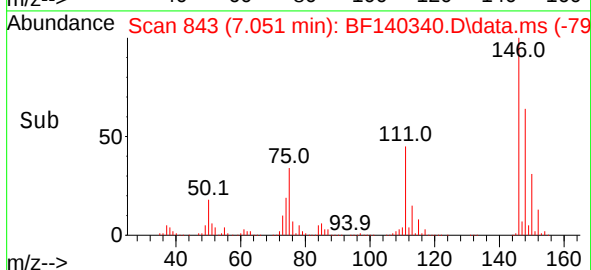
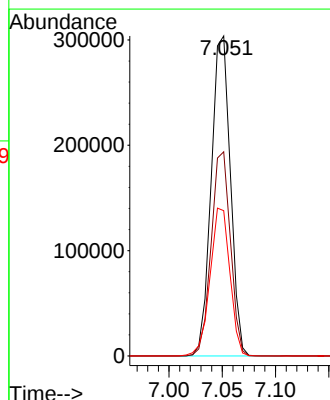
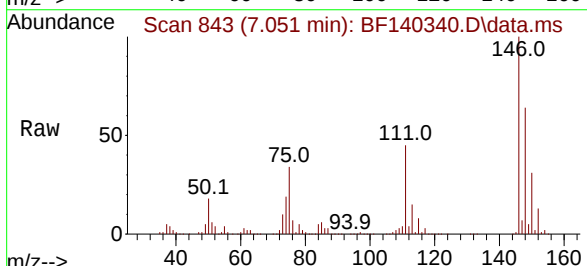
Tgt Ion:146 Resp: 380948

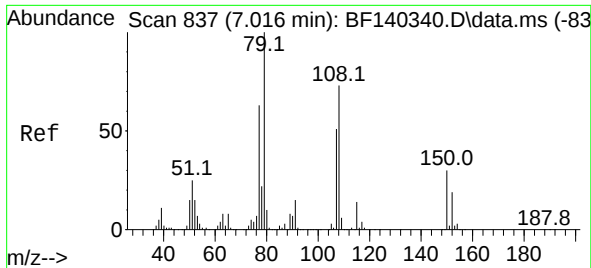
Ion Ratio Lower Upper

146 100

148 63.8 51.2 76.8

111 45.4 36.5 54.7

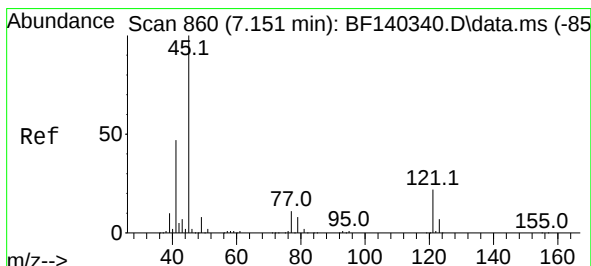
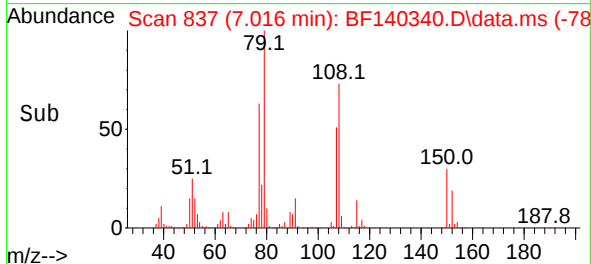
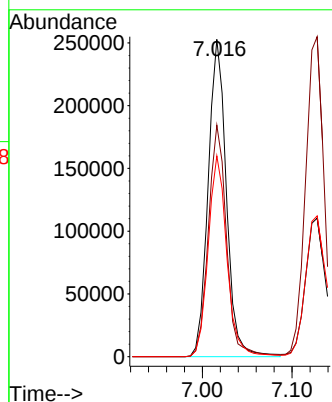
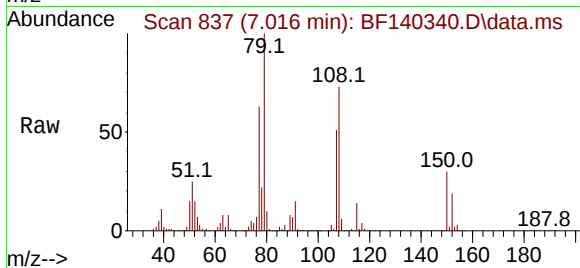




#15
Benzyl Alcohol
Concen: 42.357 ng
RT: 7.016 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

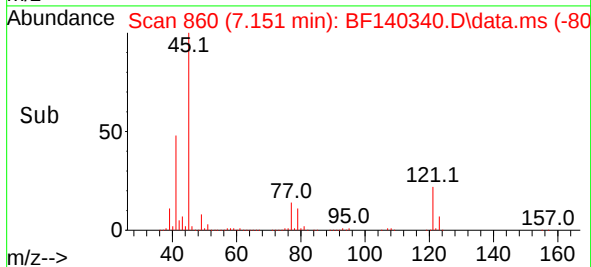
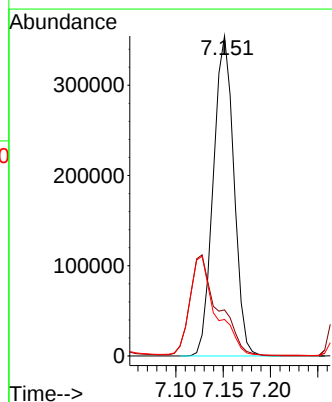
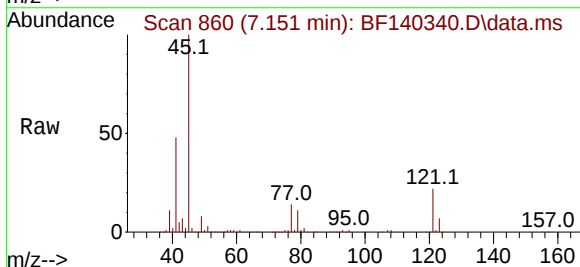
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

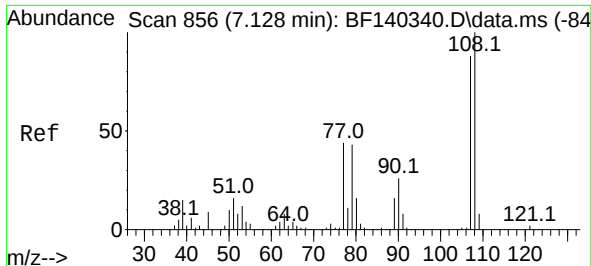
Tgt Ion: 79 Resp: 356418
Ion Ratio Lower Upper
79 100
108 73.0 57.8 86.6
77 63.3 49.8 74.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.471 ng
RT: 7.151 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion: 45 Resp: 534596
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.8
79 11.4 0.0 31.4



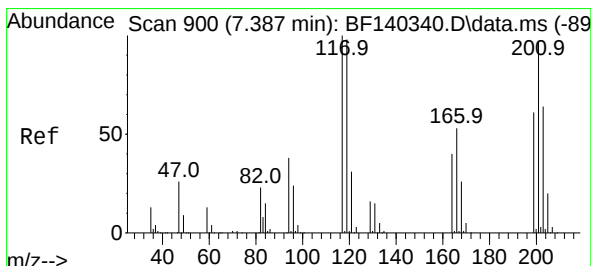
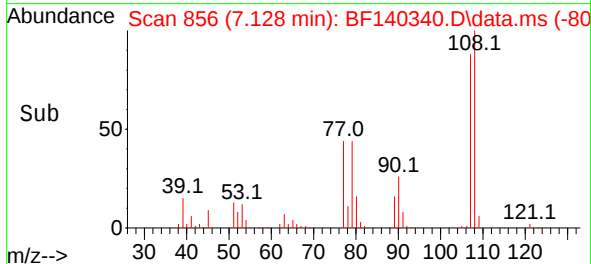
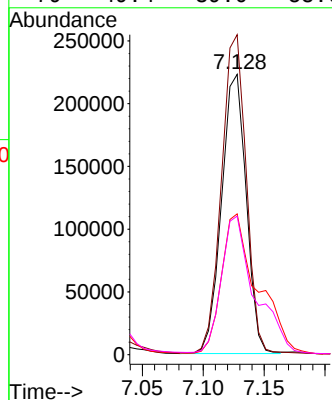
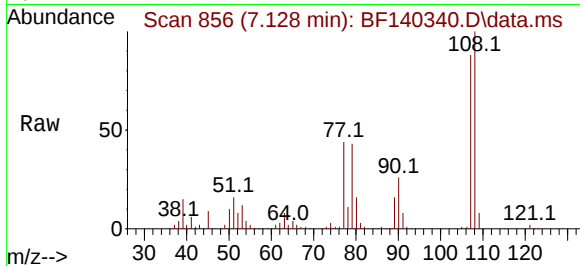


#17
2-Methylphenol
Concen: 41.105 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 313127

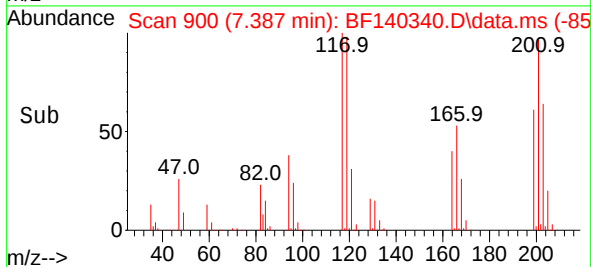
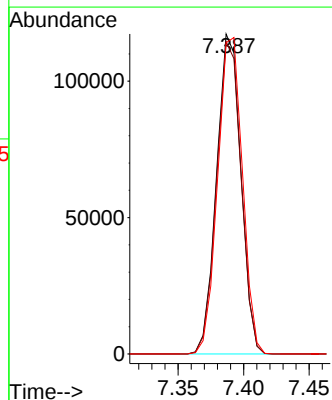
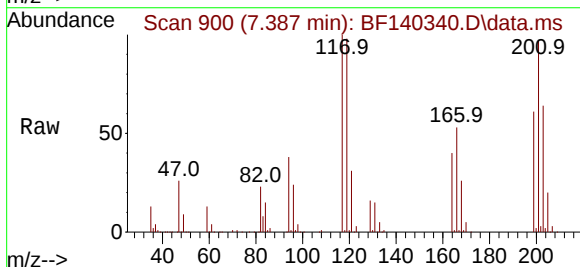
Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.9	137.9
77	50.2	39.7	59.5
79	49.4	39.0	58.6

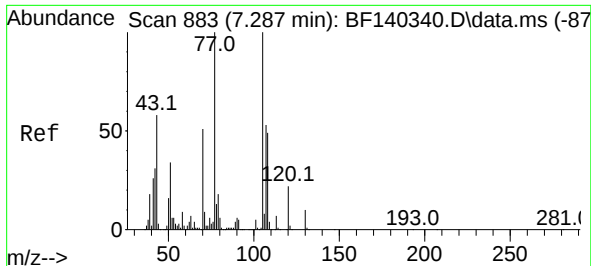


#18
Hexachloroethane
Concen: 39.519 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:117 Resp: 151355

Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.9	115.3
201	97.3	80.2	120.4

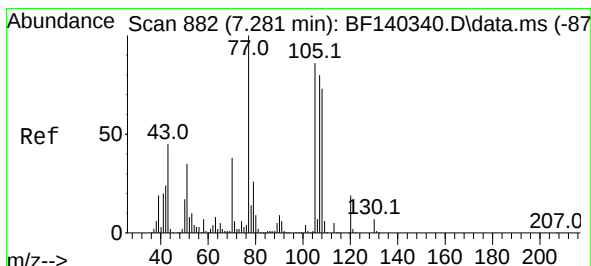
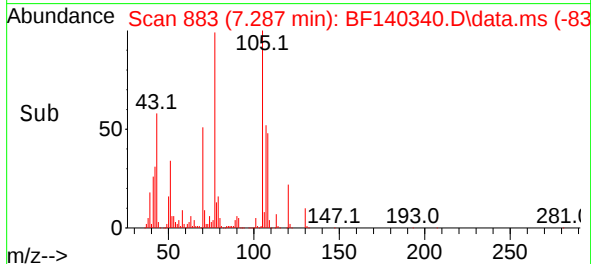
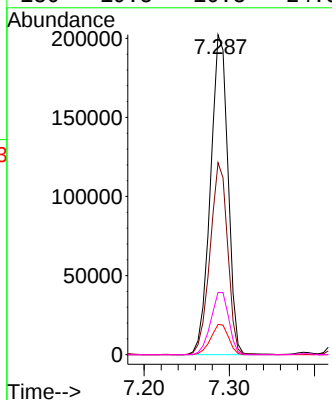
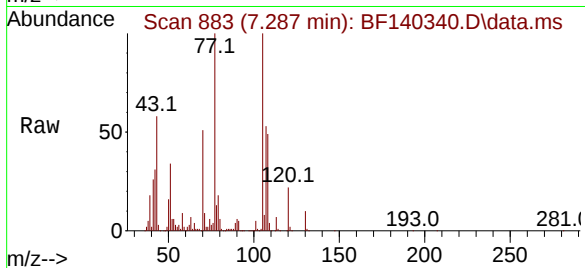




#19
n-Nitroso-di-n-propylamine
Concen: 40.966 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

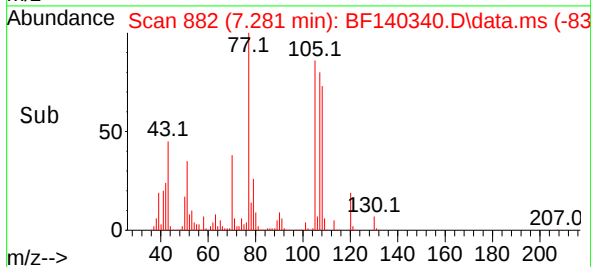
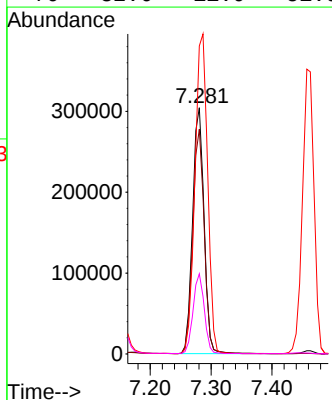
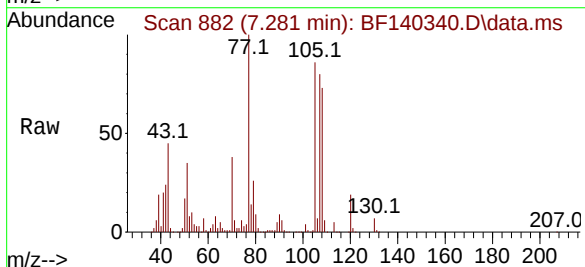
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

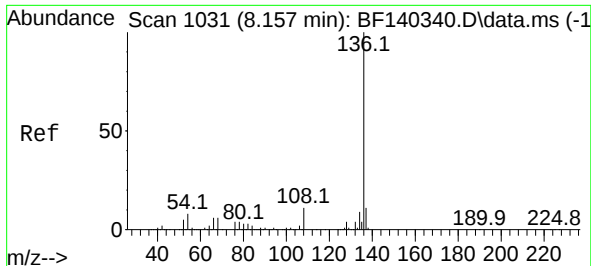
Tgt Ion: 70 Resp: 288974
Ion Ratio Lower Upper
70 100
42 60.0 46.8 70.2
101 9.4 7.5 11.3
130 19.5 16.3 24.5



#20
3+4-Methylphenols
Concen: 41.745 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion: 107 Resp: 397692
Ion Ratio Lower Upper
107 100
108 91.3 71.4 111.4
77 125.1 97.0 137.0
79 32.6 11.9 51.9

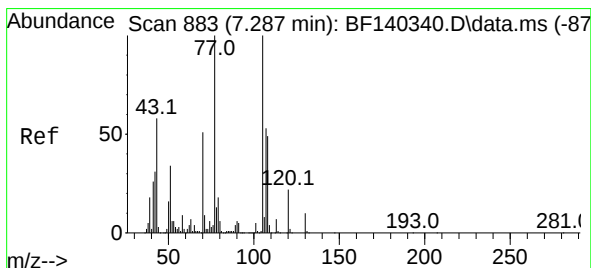
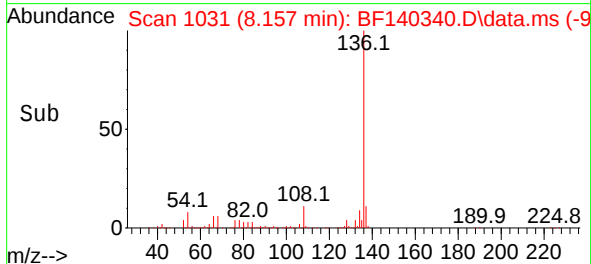
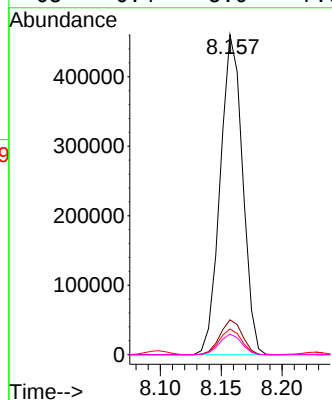
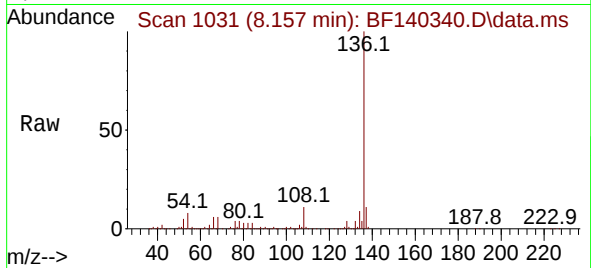




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

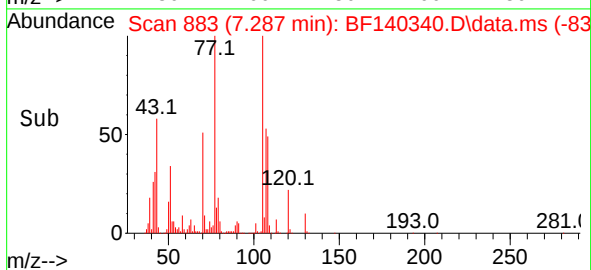
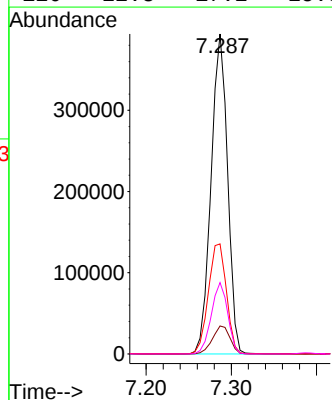
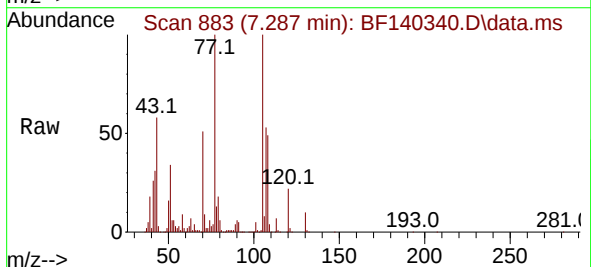
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

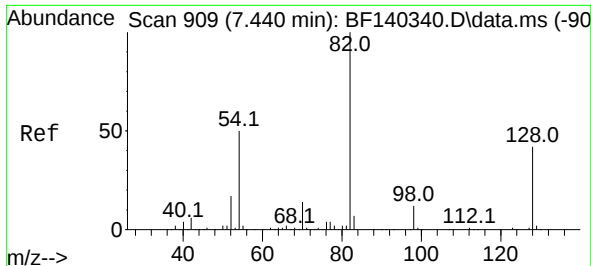
Tgt Ion:136 Resp: 589077
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.1 6.5 9.7
68 6.4 5.0 7.6



#22
Acetophenone
Concen: 38.662 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:105 Resp: 529699
Ion Ratio Lower Upper
105 100
71 8.7 6.9 10.3
51 34.4 28.6 43.0
120 22.3 17.2 25.8





#23

Nitrobenzene-d5

Concen: 78.210 ng

RT: 7.440 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

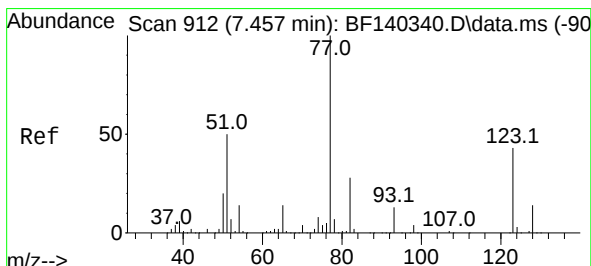
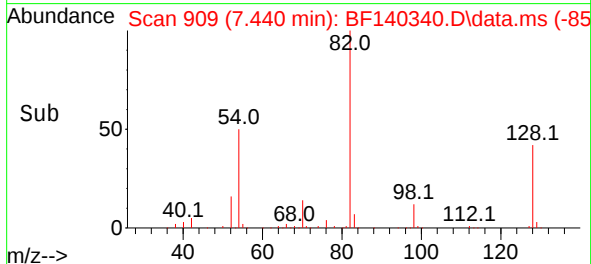
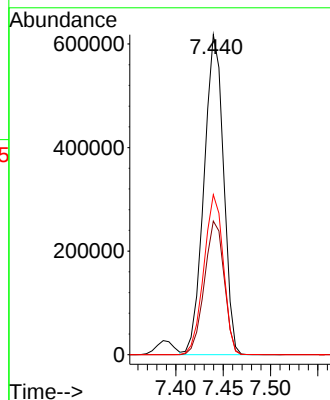
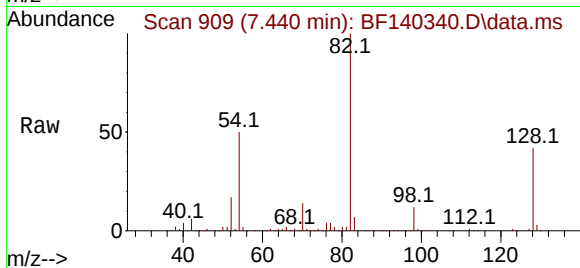
Tgt Ion: 82 Resp: 884247

Ion Ratio Lower Upper

82 100

128 41.7 33.3 49.9

54 50.0 39.8 59.8



#24

Nitrobenzene

Concen: 39.307 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

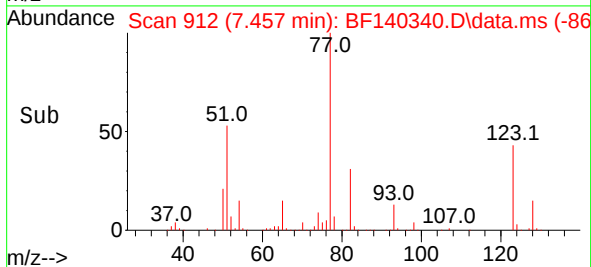
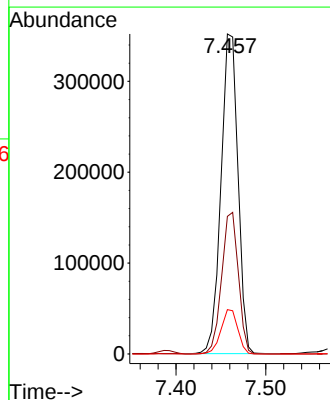
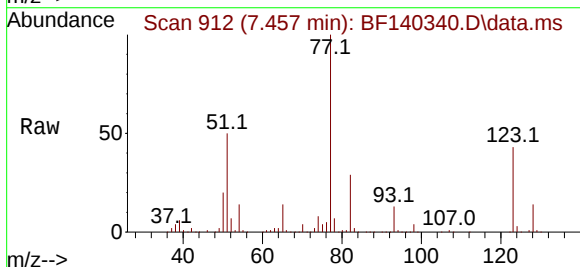
Tgt Ion: 77 Resp: 462701

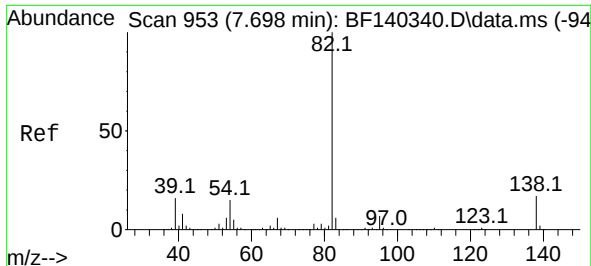
Ion Ratio Lower Upper

77 100

123 43.0 35.4 53.0

65 13.8 11.1 16.7

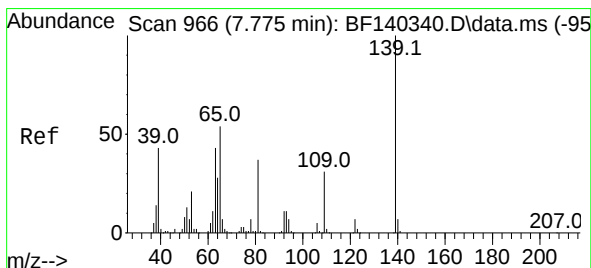
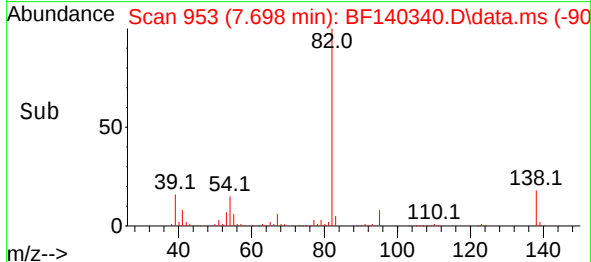
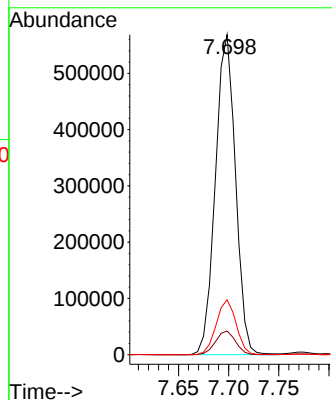
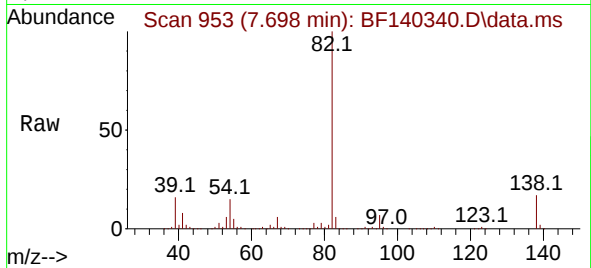




#25
Isophorone
Concen: 39.616 ng
RT: 7.698 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

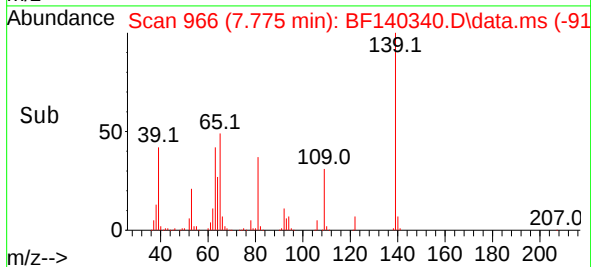
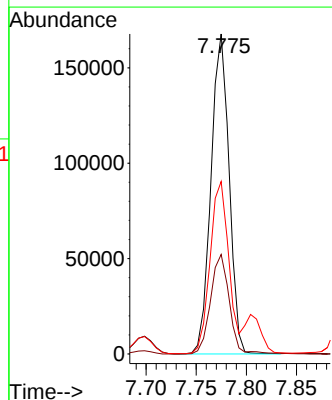
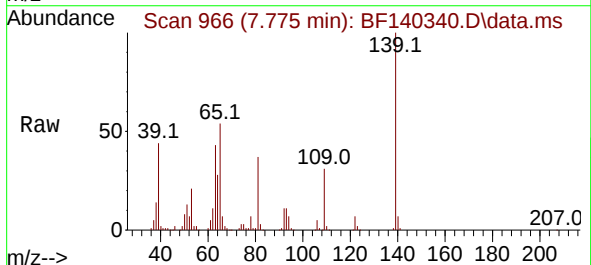
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

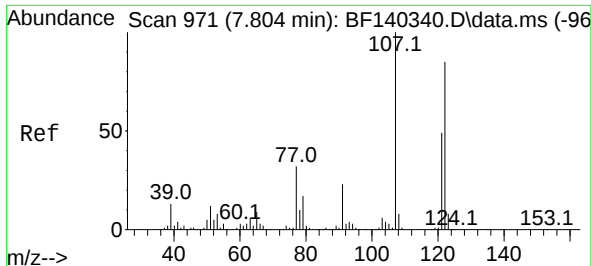
Tgt Ion: 82 Resp: 793806
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 17.2 13.4 20.2



#26
2-Nitrophenol
Concen: 40.366 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:139 Resp: 210859
Ion Ratio Lower Upper
139 100
109 31.1 24.4 36.6
65 53.9 42.8 64.2

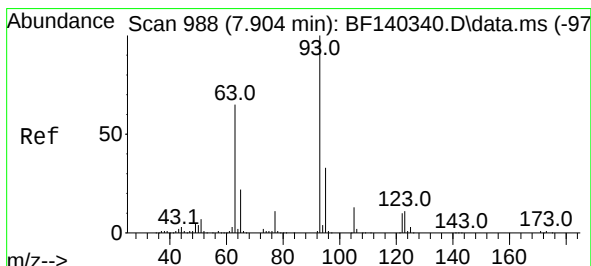
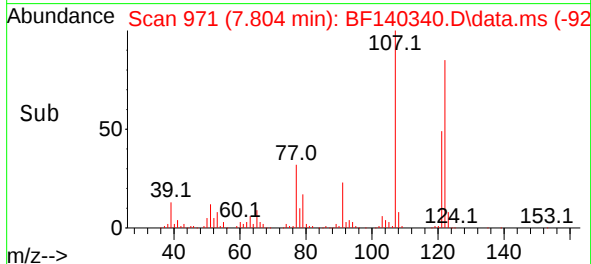
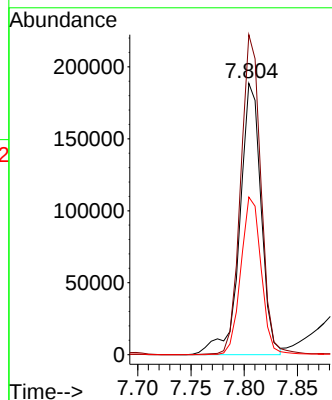
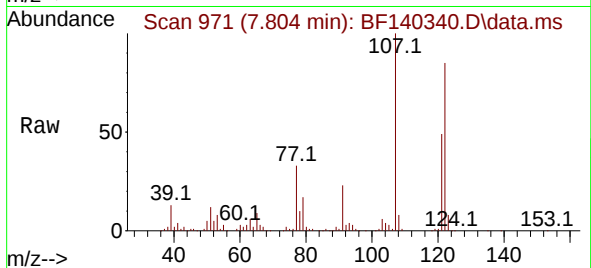




#27
2,4-Dimethylphenol
Concen: 39.222 ng
RT: 7.804 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

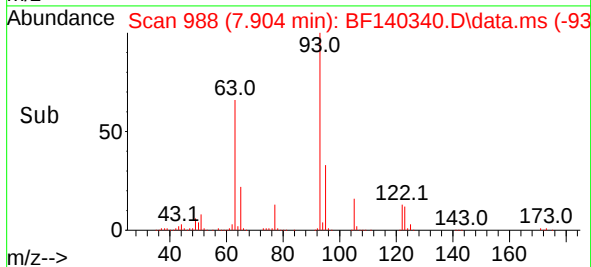
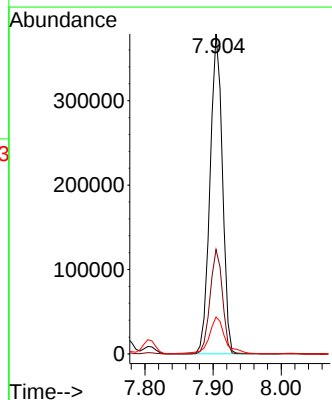
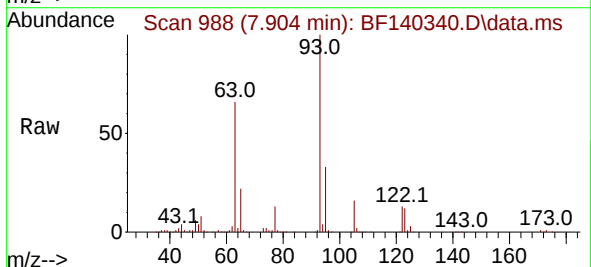
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

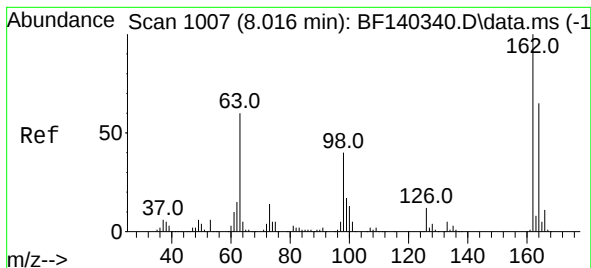
Tgt Ion:122 Resp: 262308
Ion Ratio Lower Upper
122 100
107 117.9 91.3 136.9
121 58.1 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 39.027 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion: 93 Resp: 479505
Ion Ratio Lower Upper
93 100
95 32.7 25.9 38.9
123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.193 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

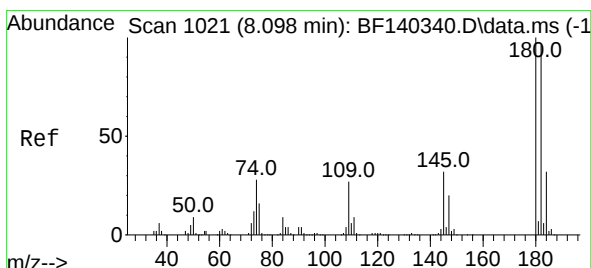
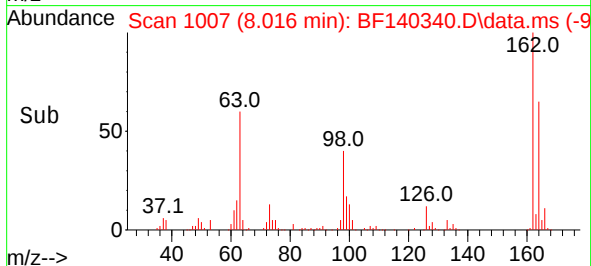
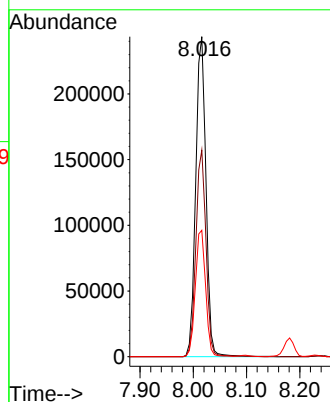
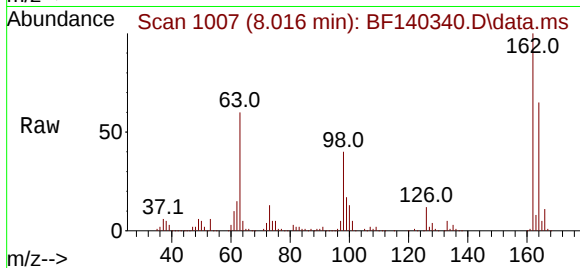
Tgt Ion:162 Resp: 323936

Ion Ratio Lower Upper

162 100

164 64.6 45.4 85.4

98 39.5 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 38.619 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

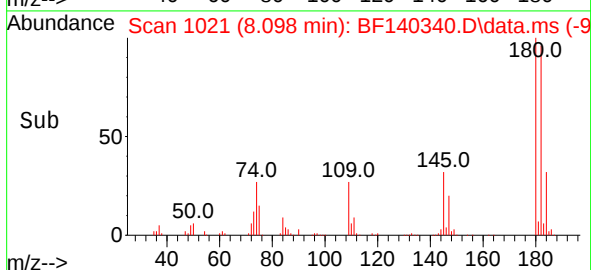
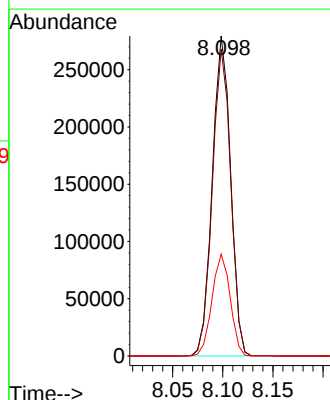
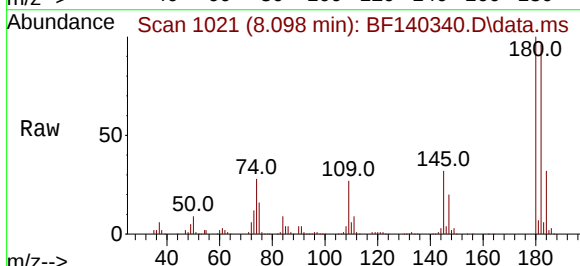
Tgt Ion:180 Resp: 355366

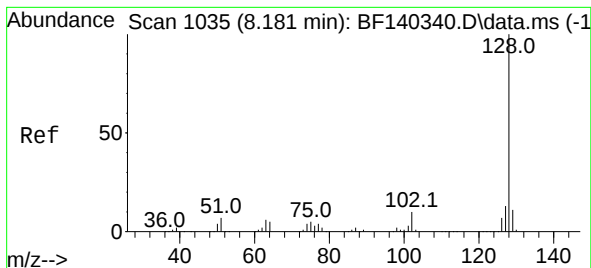
Ion Ratio Lower Upper

180 100

182 95.9 76.5 114.7

145 31.8 25.3 37.9





#31

Naphthalene

Concen: 38.723 ng

RT: 8.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

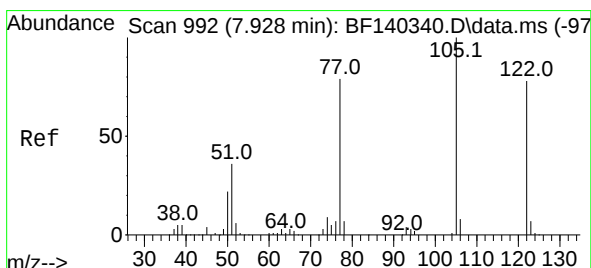
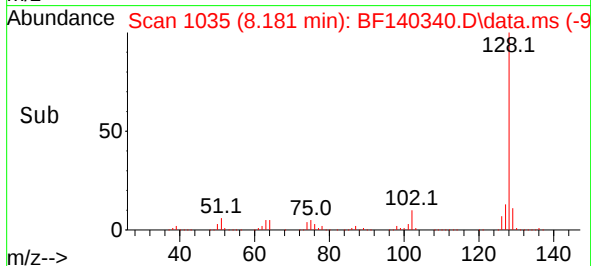
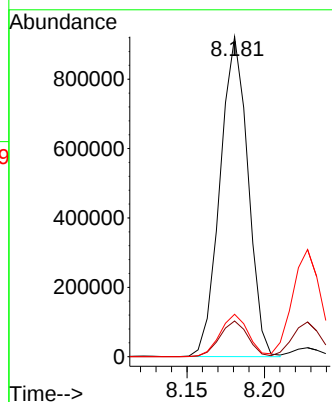
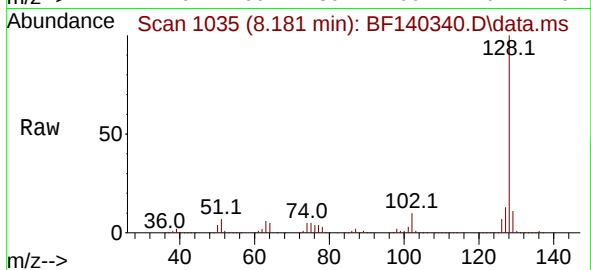
Tgt Ion:128 Resp: 1157149

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.2 10.6 15.8



#32

Benzoic acid

Concen: 42.449 ng

RT: 7.928 min Scan# 992

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

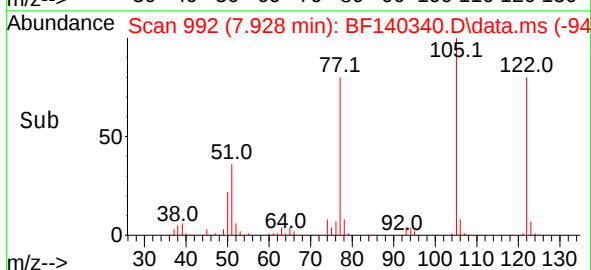
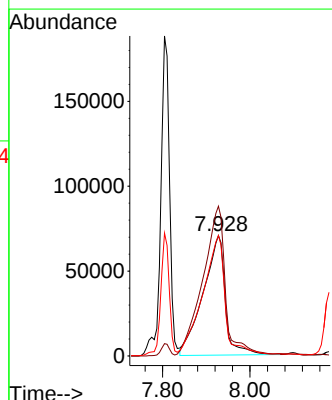
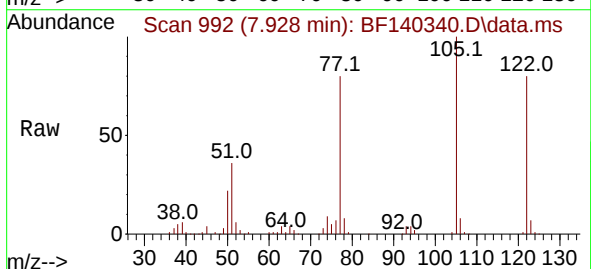
Tgt Ion:122 Resp: 249383

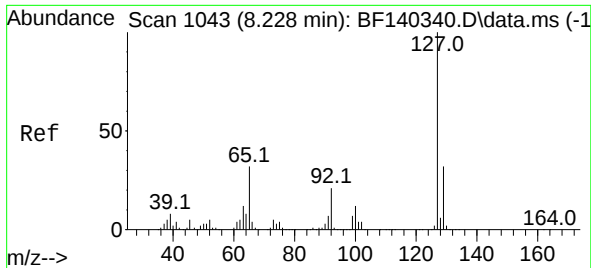
Ion Ratio Lower Upper

122 100

105 124.5 100.9 140.9

77 100.1 76.0 116.0





#33

4-Chloroaniline

Concen: 38.516 ng

RT: 8.228 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 400271

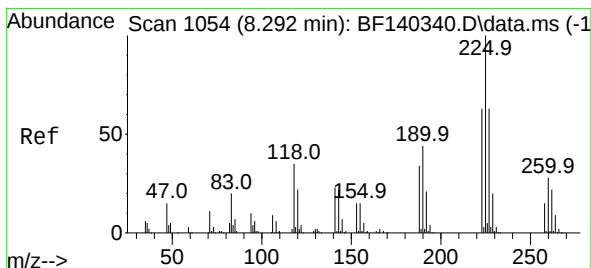
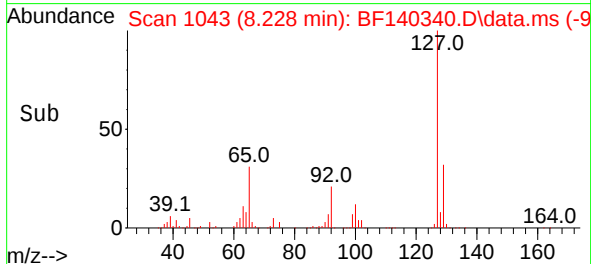
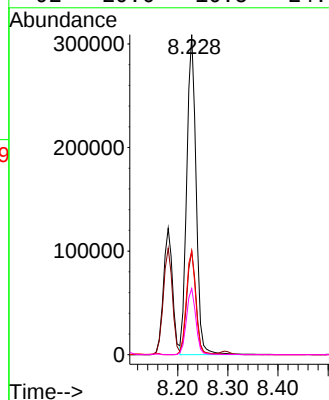
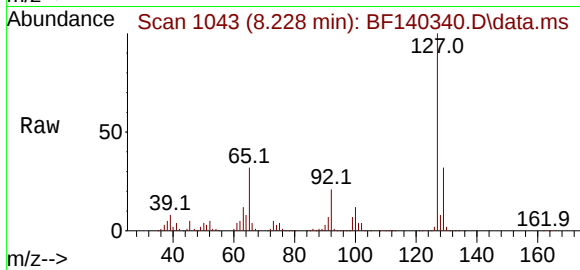
Ion Ratio Lower Upper

127 100

129 32.3 26.2 39.4

65 32.5 25.8 38.6

92 20.6 16.5 24.7



#34

Hexachlorobutadiene

Concen: 38.855 ng

RT: 8.292 min Scan# 1054

Delta R.T. -0.006 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

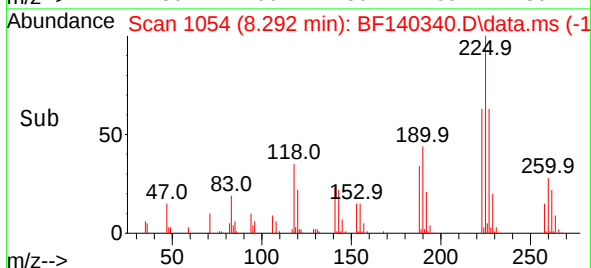
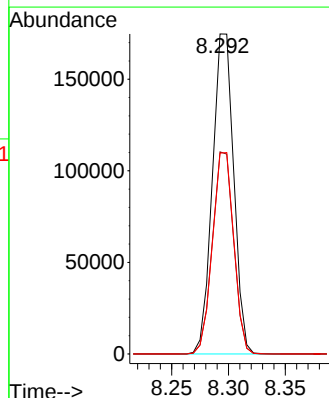
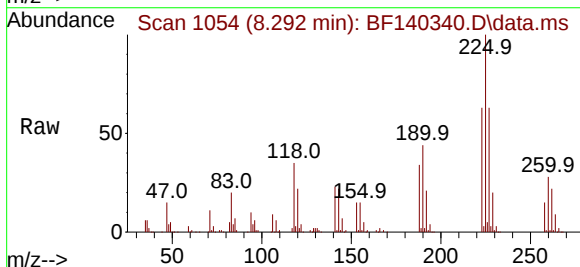
Tgt Ion:225 Resp: 227805

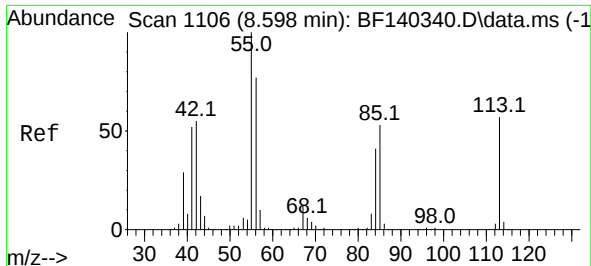
Ion Ratio Lower Upper

225 100

223 63.1 50.1 75.1

227 62.8 51.3 76.9





#35

Caprolactam

Concen: 38.943 ng

RT: 8.598 min Scan# 1106

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

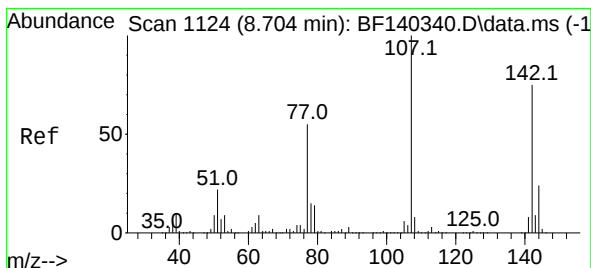
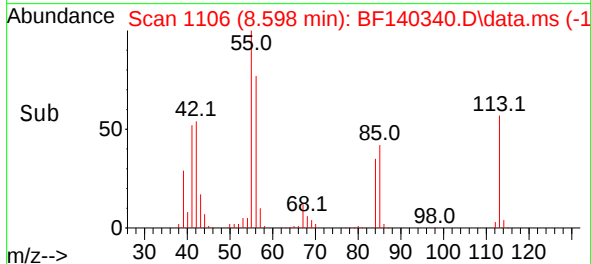
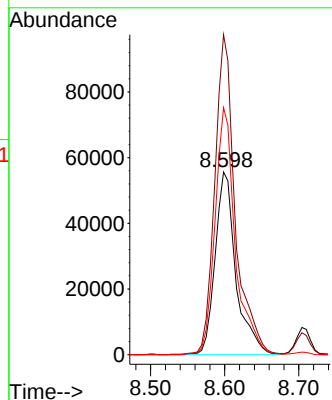
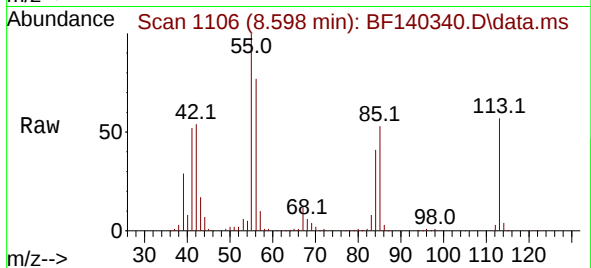
Tgt Ion:113 Resp: 108216

Ion Ratio Lower Upper

113 100

55 175.2 150.0 190.0

56 135.2 111.1 151.1



#36

4-Chloro-3-methylphenol

Concen: 39.766 ng

RT: 8.704 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

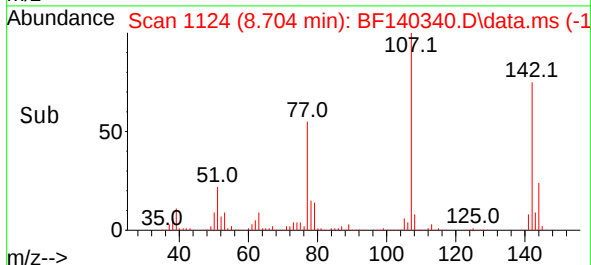
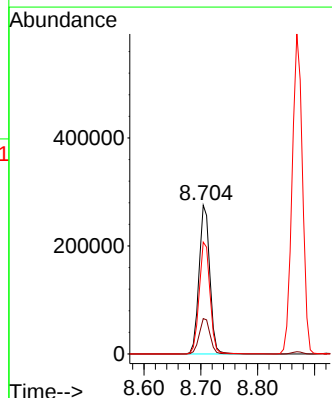
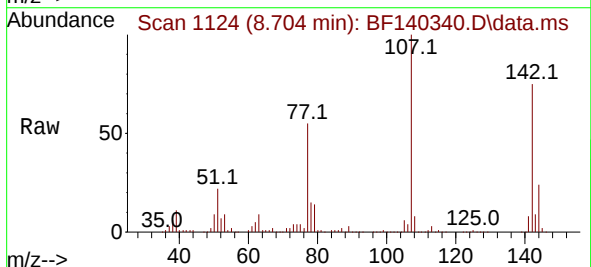
Tgt Ion:107 Resp: 364230

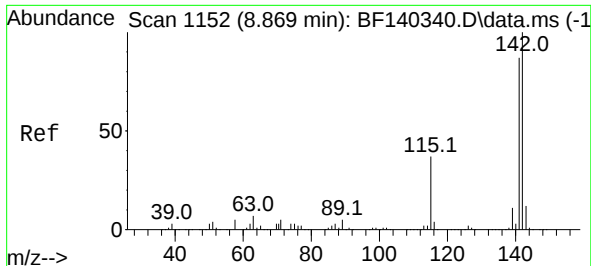
Ion Ratio Lower Upper

107 100

144 23.8 19.3 28.9

142 75.1 59.4 89.0





#37

2-Methylnaphthalene

Concen: 38.839 ng

RT: 8.869 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

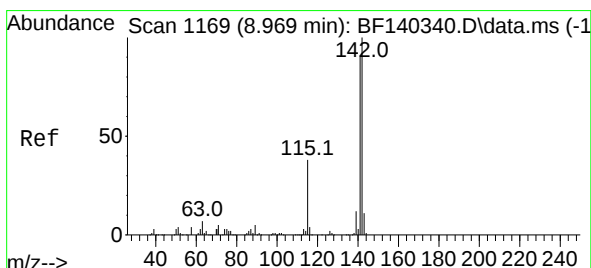
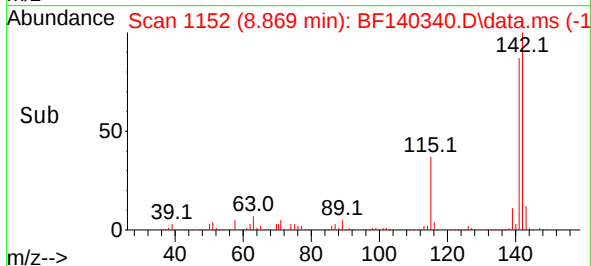
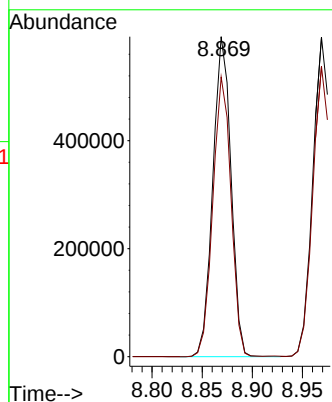
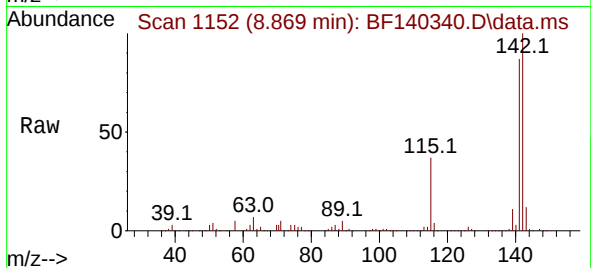
SSTDICCC040

Tgt Ion:142 Resp: 744201

Ion Ratio Lower Upper

142 100

141 87.4 70.4 105.6



#38

1-Methylnaphthalene

Concen: 39.267 ng

RT: 8.969 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF140340.D

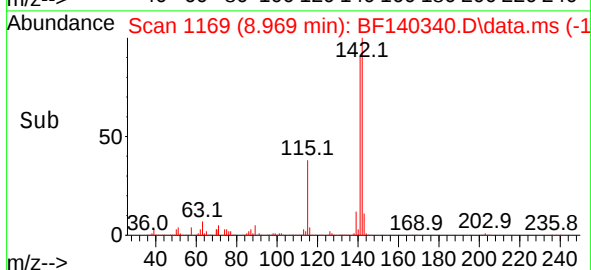
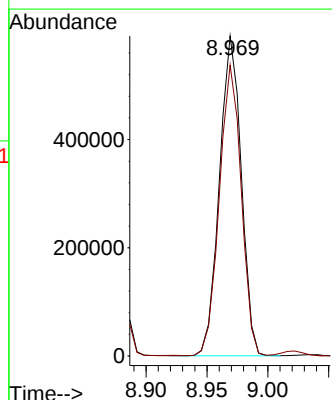
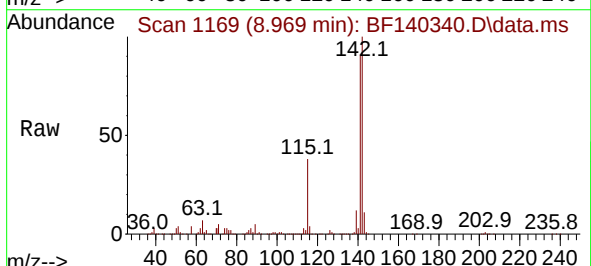
Acq: 13 Nov 2024 12:48

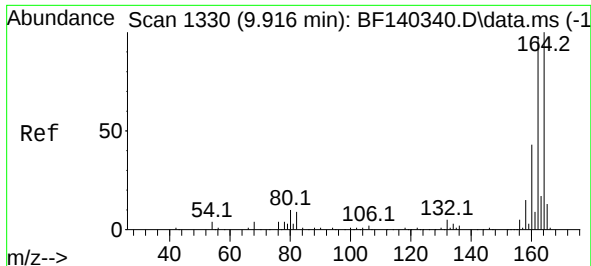
Tgt Ion:142 Resp: 736798

Ion Ratio Lower Upper

142 100

141 90.9 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

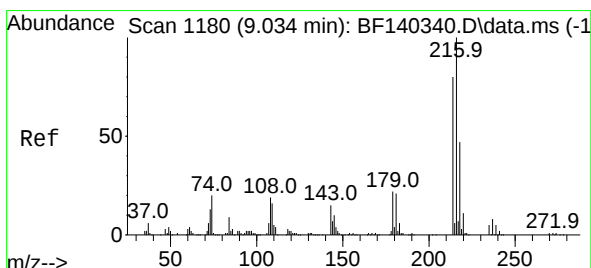
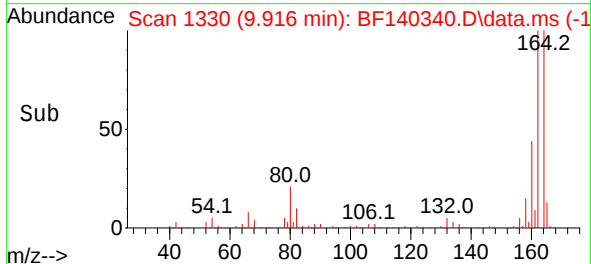
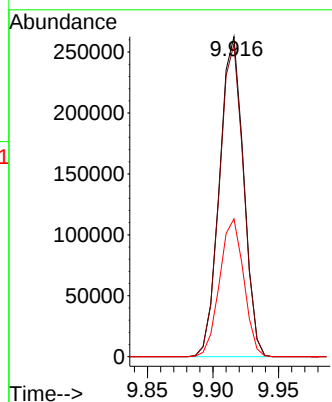
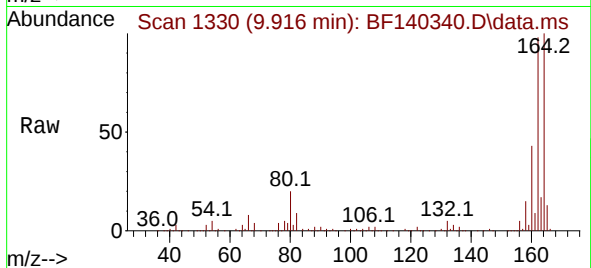
Tgt Ion:164 Resp: 334544

Ion Ratio Lower Upper

164 100

162 97.7 79.8 119.8

160 43.0 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.371 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Tgt Ion:216 Resp: 354978

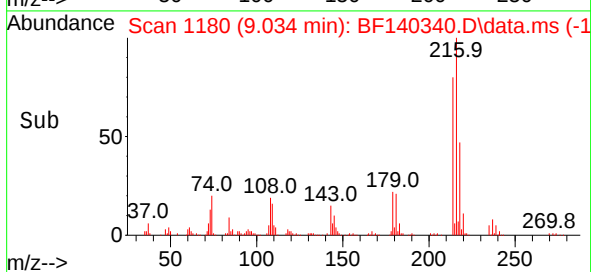
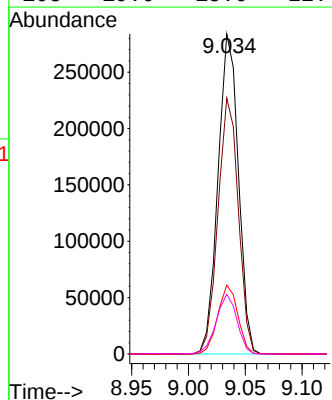
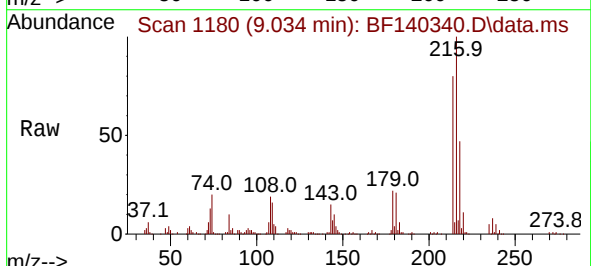
Ion Ratio Lower Upper

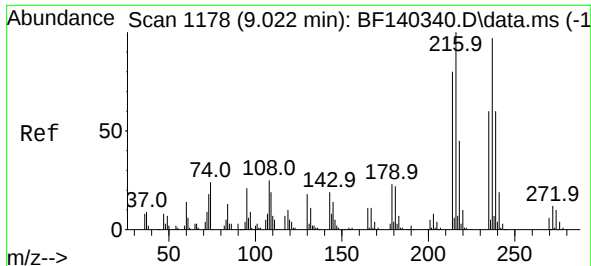
216 100

214 79.6 63.2 94.8

179 21.2 17.2 25.8

108 19.0 15.0 22.4

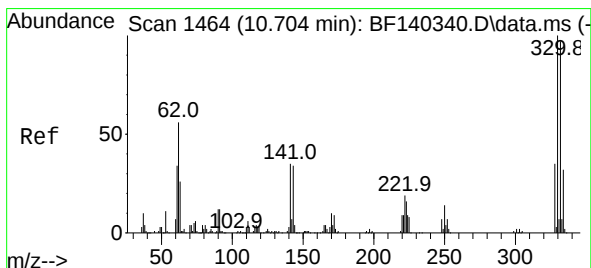
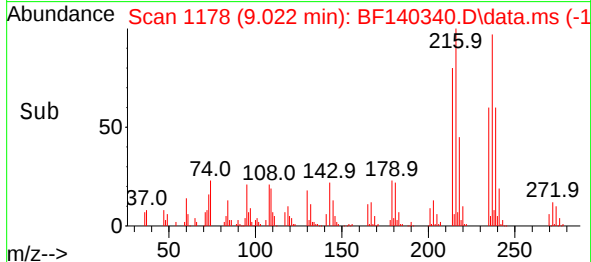
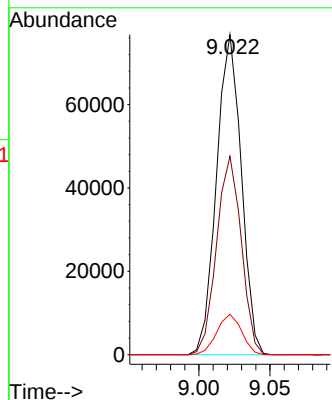
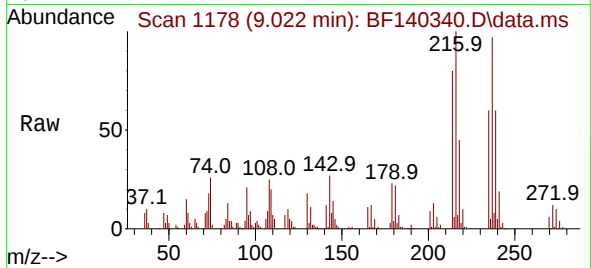




#41
Hexachlorocyclopentadiene
Concen: 39.207 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

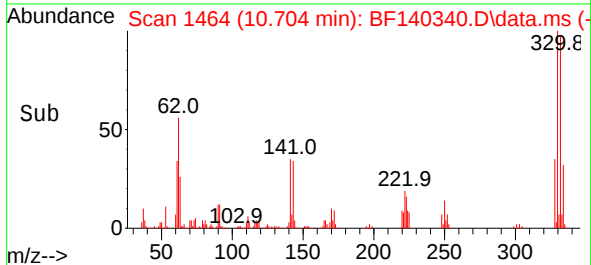
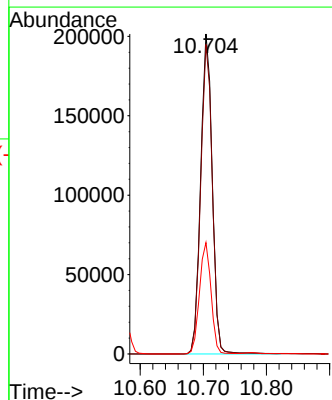
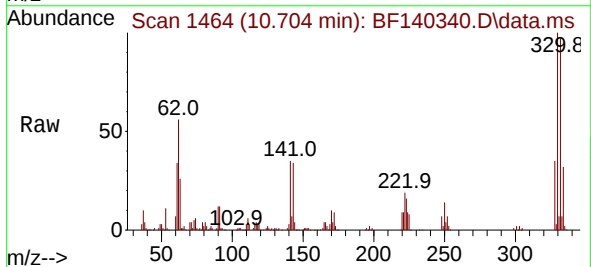
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

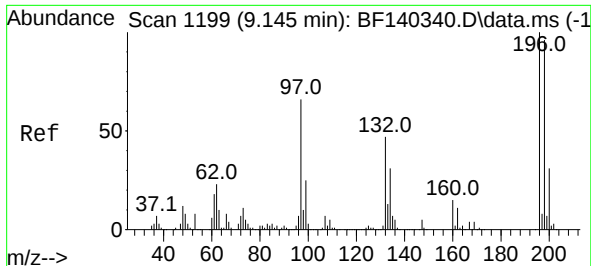
Tgt Ion:237 Resp: 93127
Ion Ratio Lower Upper
237 100
235 62.0 42.8 82.8
272 12.7 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 77.449 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:330 Resp: 257655
Ion Ratio Lower Upper
330 100
332 96.8 75.9 113.9
141 34.6 26.9 40.3

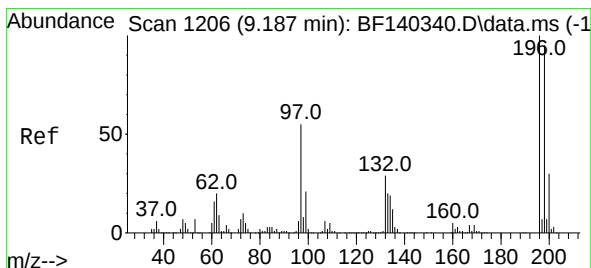
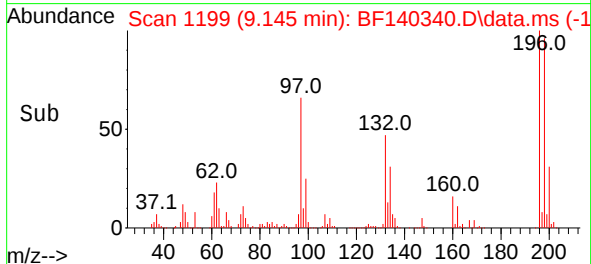
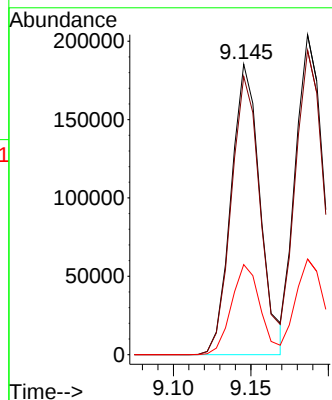
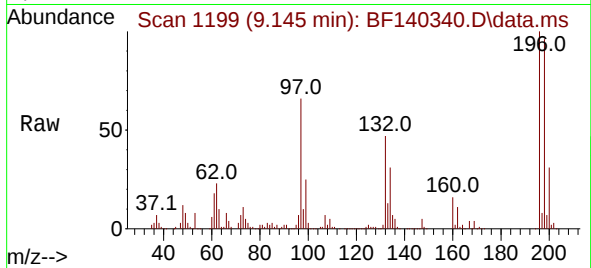




#43
2,4,6-Trichlorophenol
Concen: 39.666 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

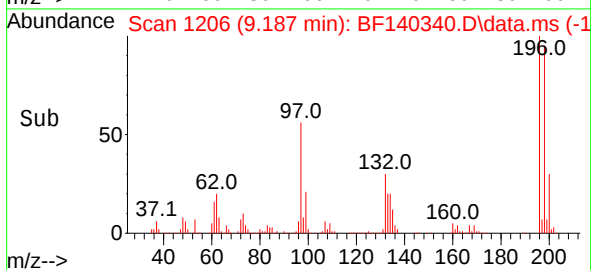
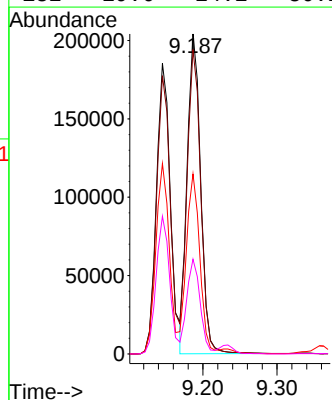
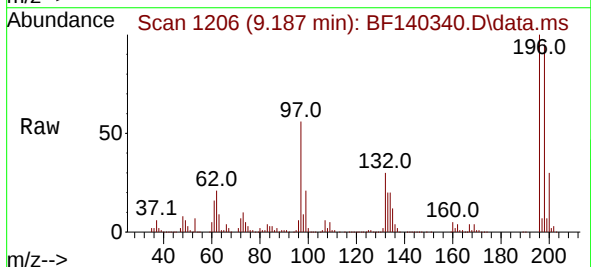
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

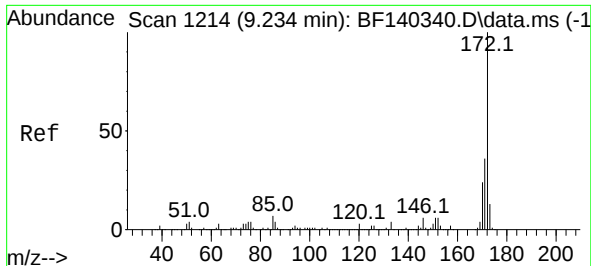
Tgt Ion:196 Resp: 240824
Ion Ratio Lower Upper
196 100
198 95.8 77.0 115.4
200 31.0 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 39.190 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:196 Resp: 260135
Ion Ratio Lower Upper
196 100
198 95.1 77.6 116.4
97 56.2 45.4 68.2
132 29.6 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 75.369 ng

RT: 9.234 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

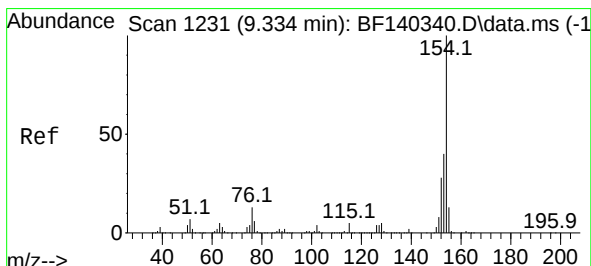
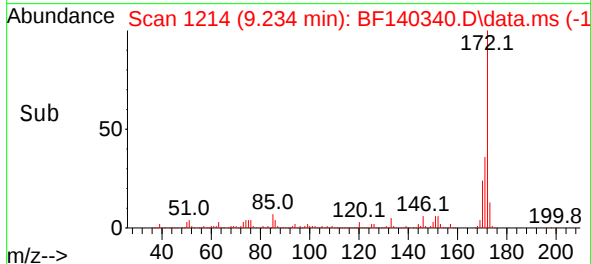
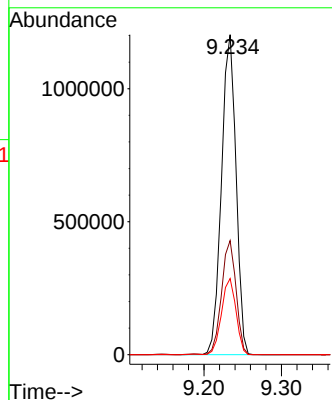
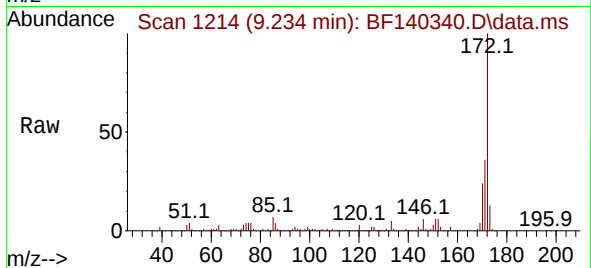
Tgt Ion:172 Resp: 1568502

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 38.605 ng

RT: 9.334 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

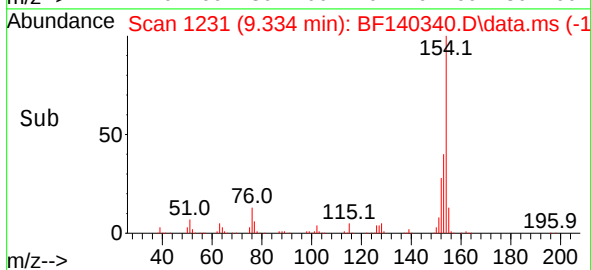
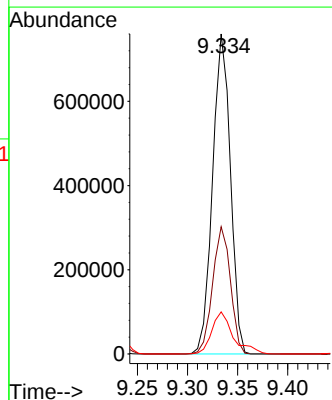
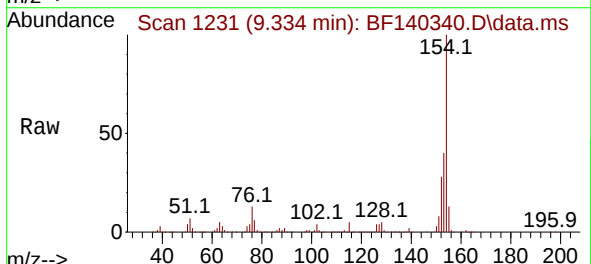
Tgt Ion:154 Resp: 939571

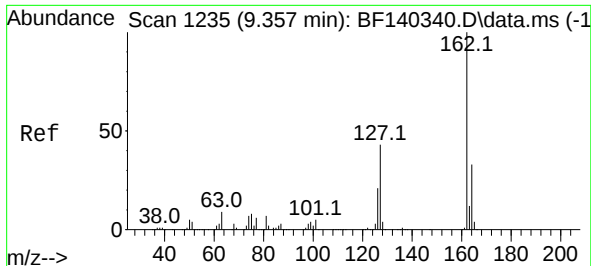
Ion Ratio Lower Upper

154 100

153 39.7 20.4 60.4

76 13.2 0.0 32.9





#47

2-Chloronaphthalene

Concen: 38.453 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

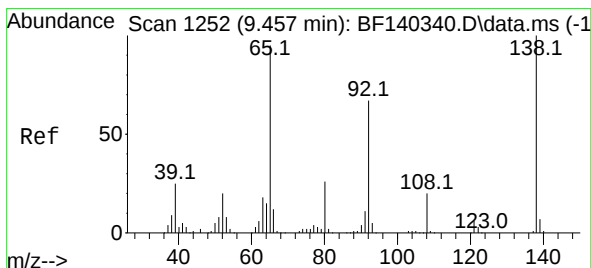
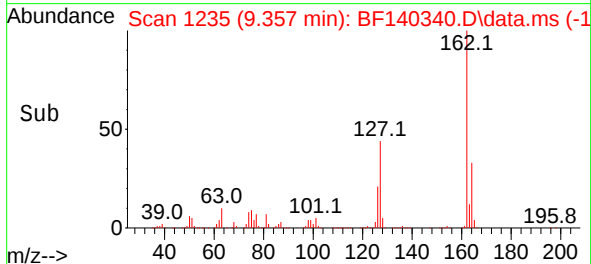
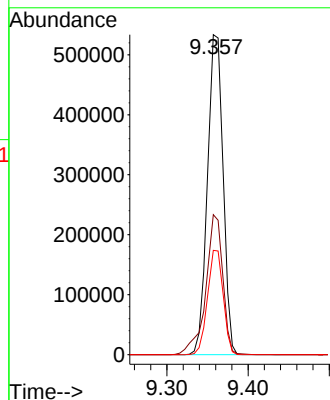
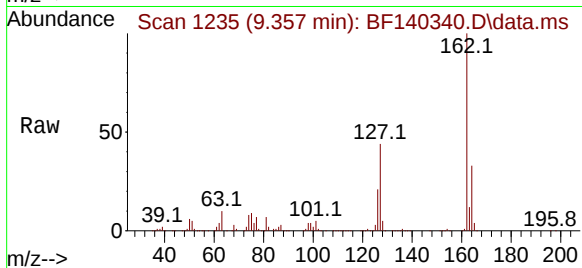
Tgt Ion:162 Resp: 712904

Ion Ratio Lower Upper

162 100

127 43.7 34.0 51.0

164 32.6 26.5 39.7



#48

2-Nitroaniline

Concen: 39.621 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

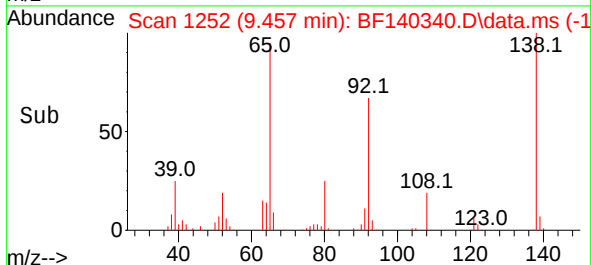
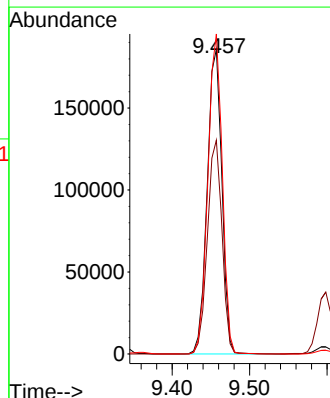
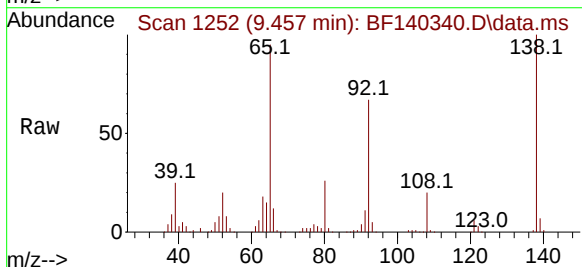
Tgt Ion: 65 Resp: 243614

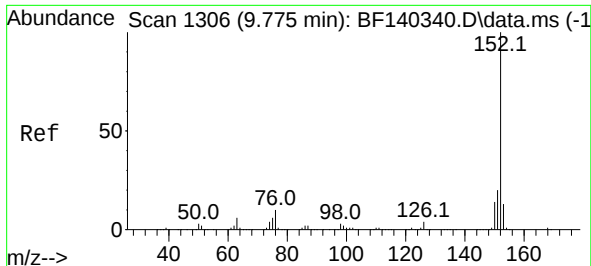
Ion Ratio Lower Upper

65 100

92 70.2 56.4 84.6

138 105.1 84.8 127.2





#49

Acenaphthylene

Concen: 39.012 ng

RT: 9.775 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

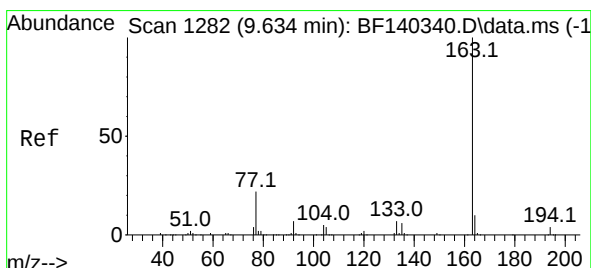
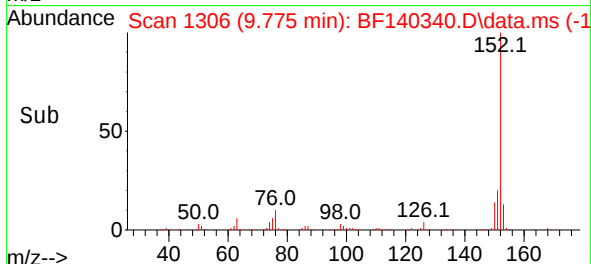
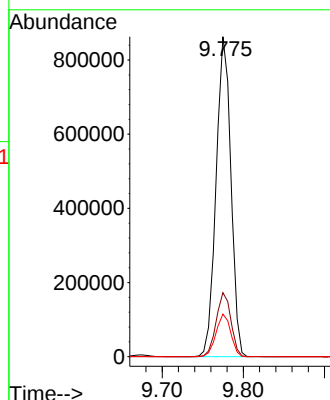
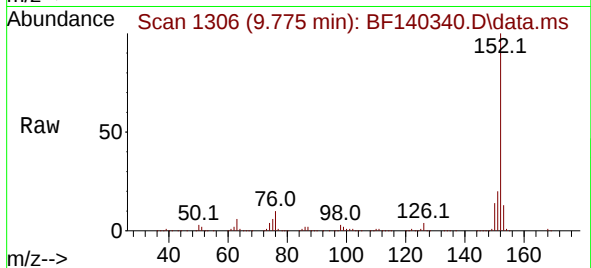
Tgt Ion:152 Resp: 1094318

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

153 13.3 10.7 16.1



#50

Dimethylphthalate

Concen: 38.694 ng

RT: 9.634 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

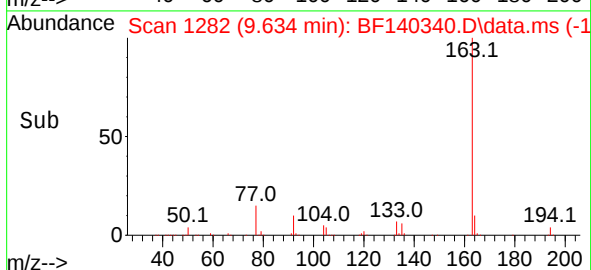
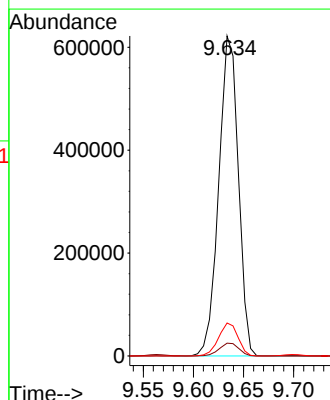
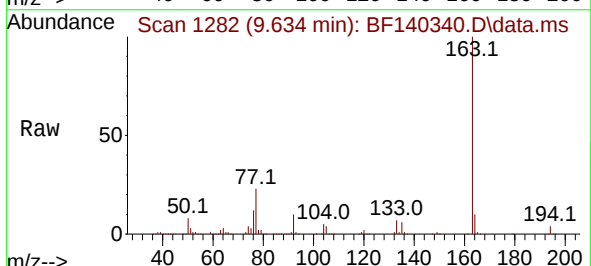
Tgt Ion:163 Resp: 843750

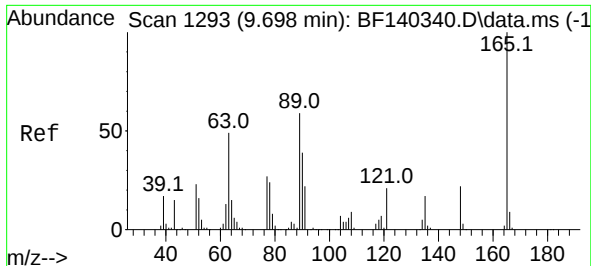
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.3 8.2 12.4

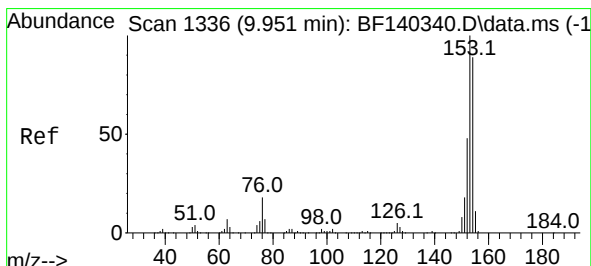
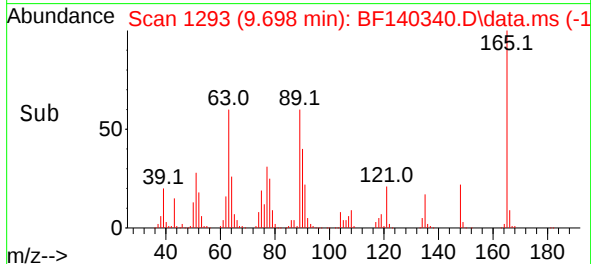
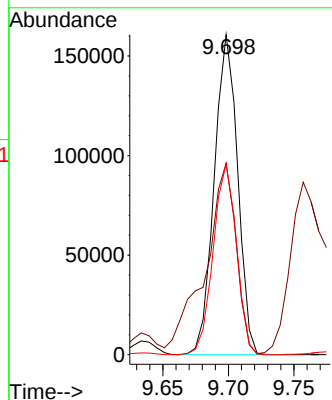
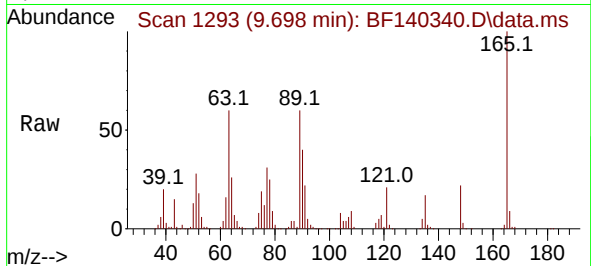




#51
2,6-Dinitrotoluene
Concen: 40.024 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

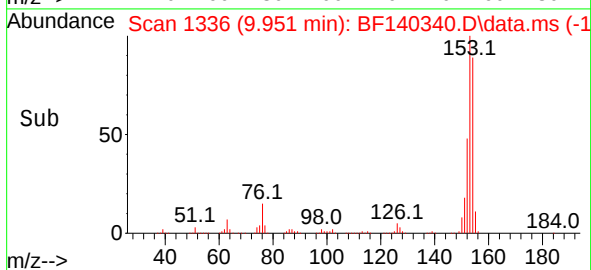
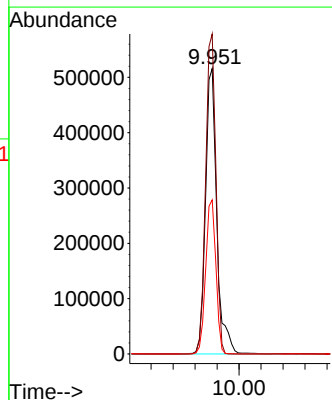
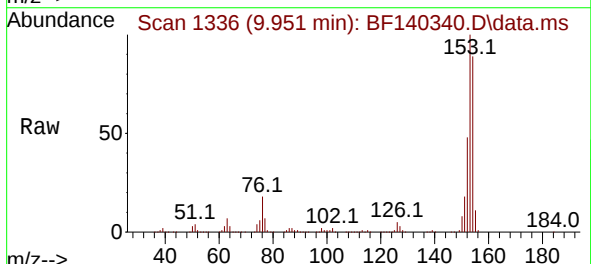
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

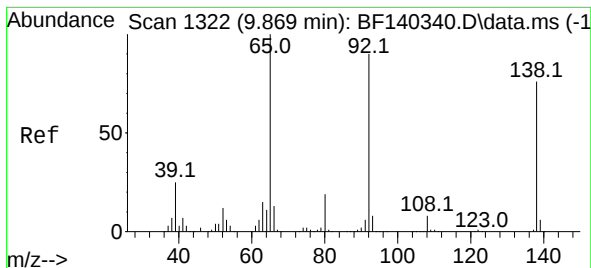
Tgt Ion:165 Resp: 198967
Ion Ratio Lower Upper
165 100
63 59.9 47.6 71.4
89 59.5 48.1 72.1



#52
Acenaphthene
Concen: 38.711 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:154 Resp: 733408
Ion Ratio Lower Upper
154 100
153 112.1 89.8 134.8
152 54.0 42.6 64.0





#53

3-Nitroaniline

Concen: 39.755 ng

RT: 9.869 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

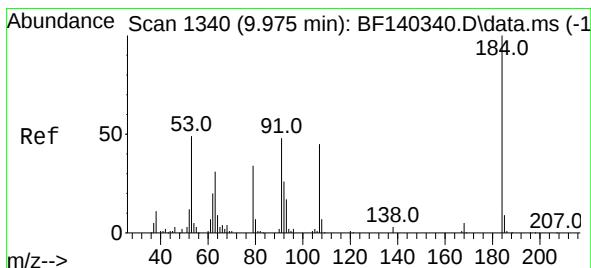
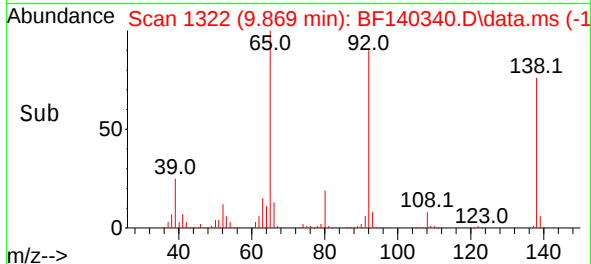
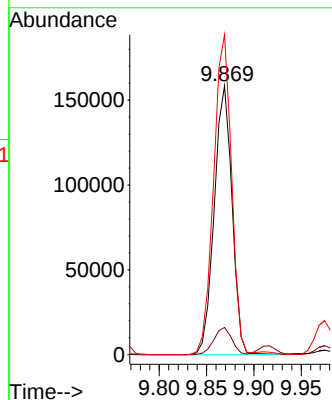
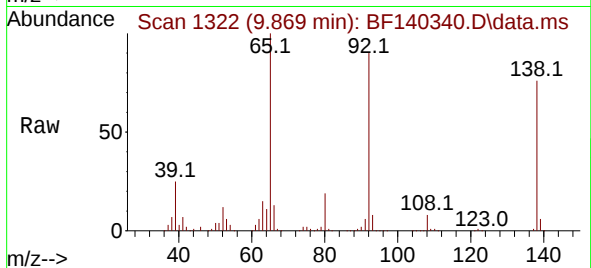
Tgt Ion:138 Resp: 207550

Ion Ratio Lower Upper

138 100

108 10.1 8.4 12.6

92 119.1 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 38.441 ng

RT: 9.975 min Scan# 1340

Delta R.T. -0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

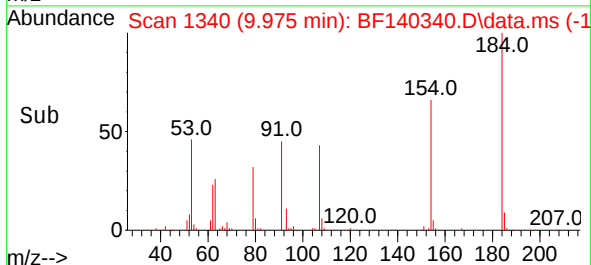
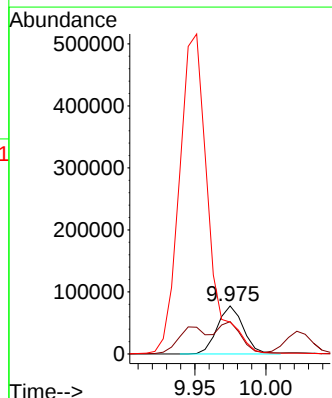
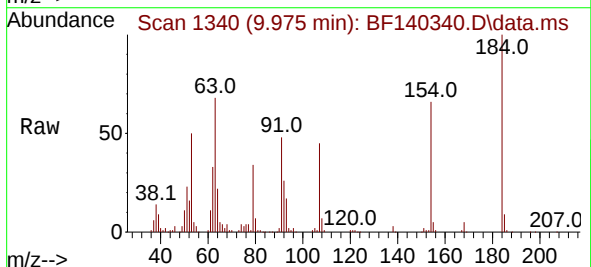
Tgt Ion:184 Resp: 98545

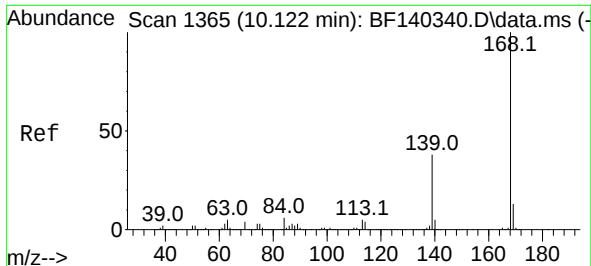
Ion Ratio Lower Upper

184 100

63 67.5 53.5 80.3

154 66.3 51.3 76.9

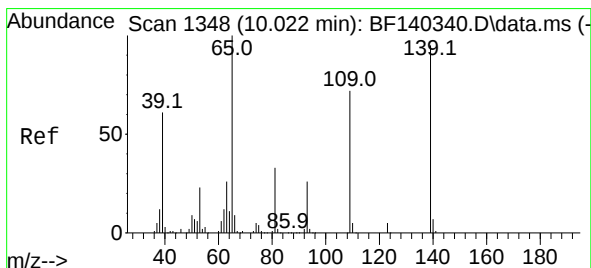
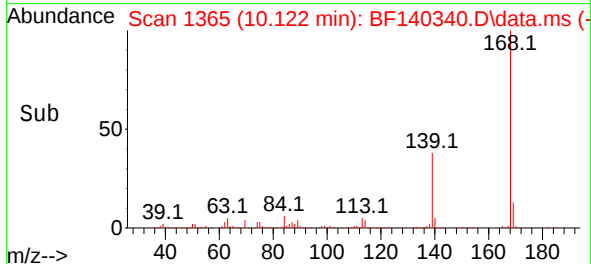
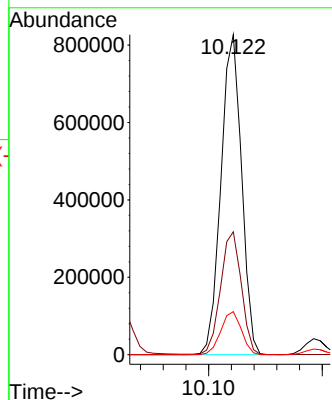
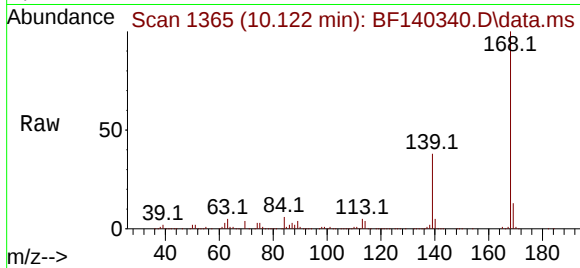




#55
Dibenzenofuran
Concen: 38.868 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

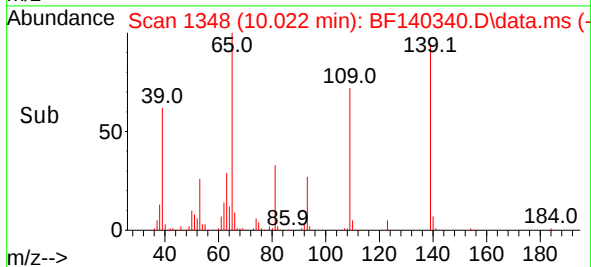
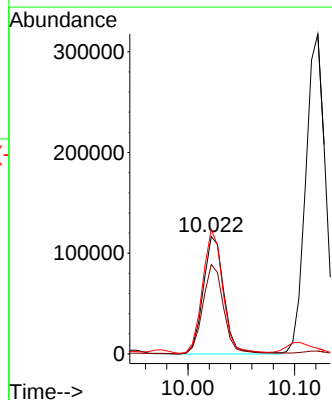
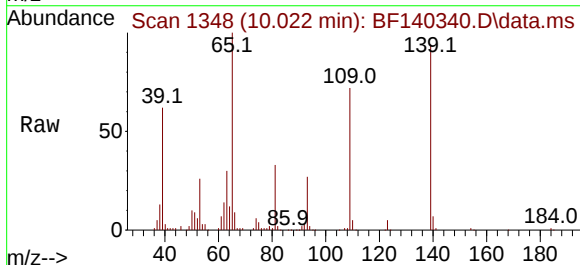
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

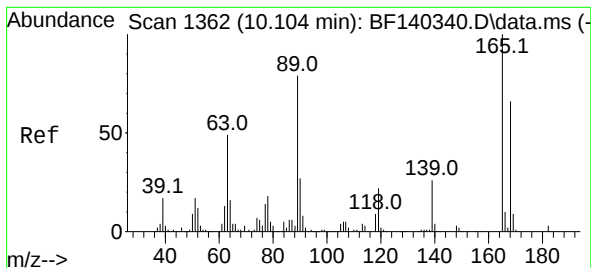
Tgt Ion:168 Resp: 1042453
Ion Ratio Lower Upper
168 100
139 38.4 30.8 46.2
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 41.475 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:139 Resp: 157938
Ion Ratio Lower Upper
139 100
109 76.2 54.5 94.5
65 106.0 84.4 124.4

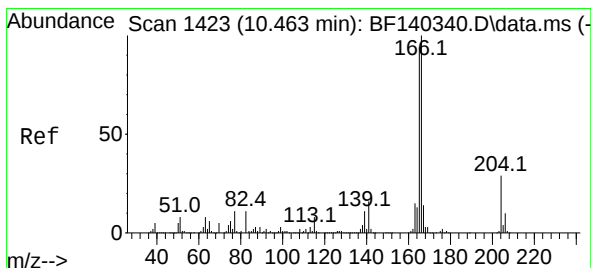
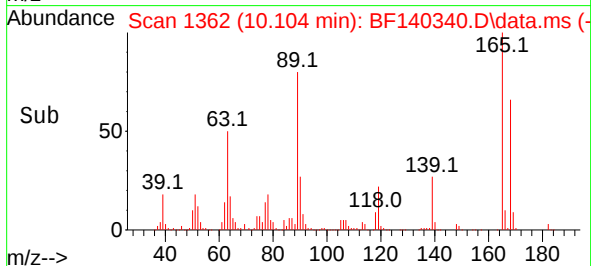
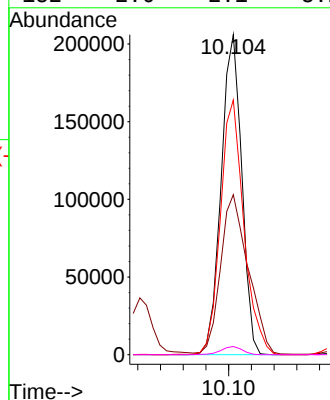
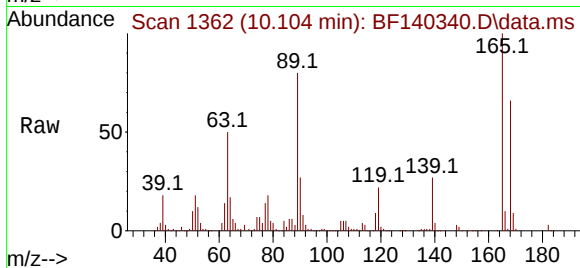




#57
2,4-Dinitrotoluene
Concen: 39.569 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

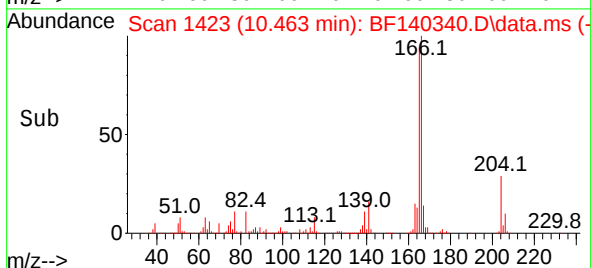
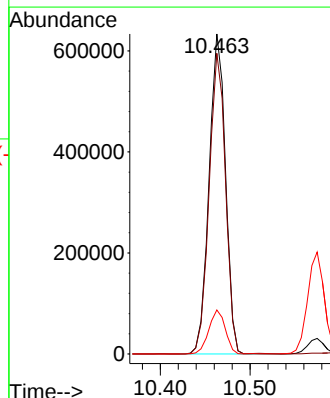
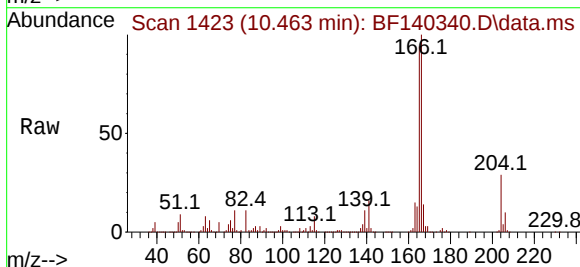
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

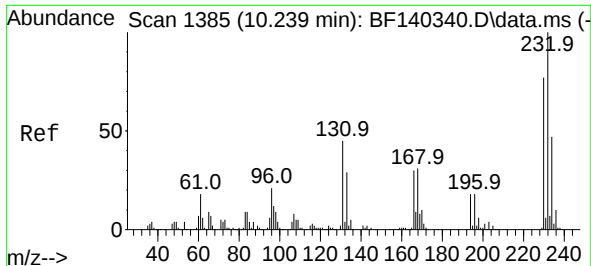
Tgt Ion:165 Resp: 258886
Ion Ratio Lower Upper
165 100
63 50.0 39.4 59.0
89 79.6 62.4 93.6
182 2.6 2.1 3.1



#58
Fluorene
Concen: 37.951 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:166 Resp: 804084
Ion Ratio Lower Upper
166 100
165 94.0 73.9 110.9
167 13.8 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.586 ng

RT: 10.239 min Scan# 1385

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 212533

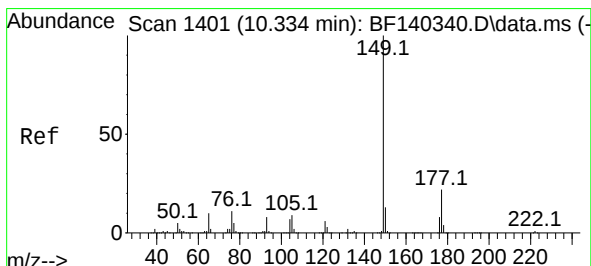
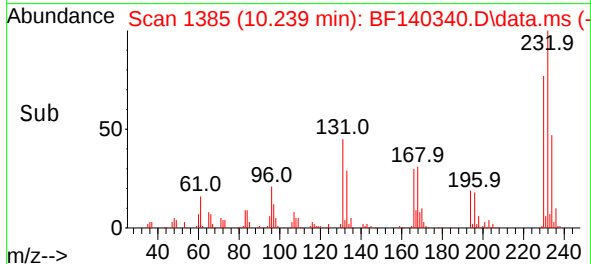
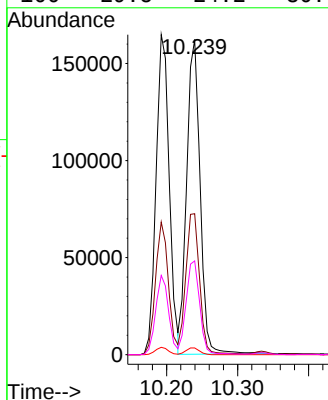
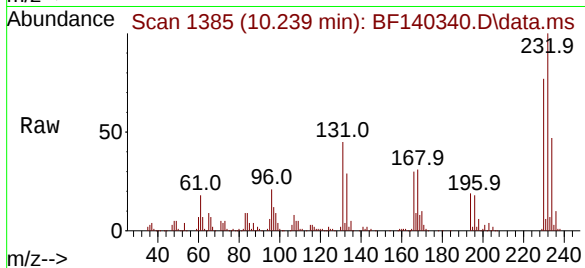
Ion Ratio Lower Upper

232 100

131 46.1 36.8 55.2

130 2.2 1.9 2.9

166 29.5 24.2 36.4



#60

Diethylphthalate

Concen: 38.627 ng

RT: 10.334 min Scan# 1401

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

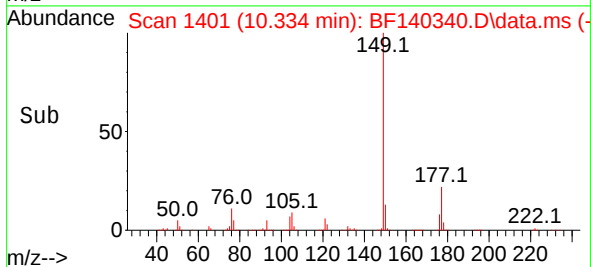
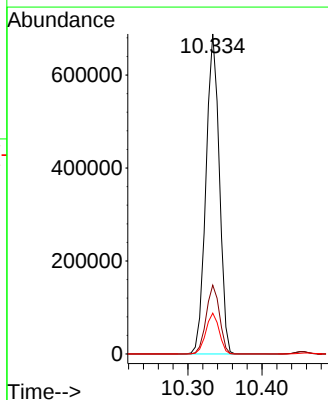
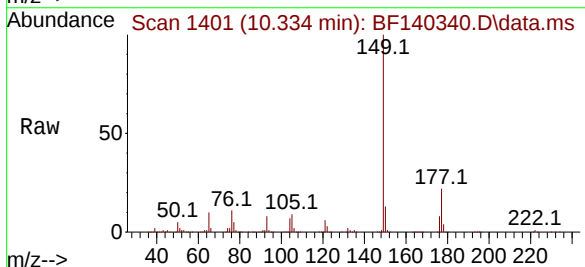
Tgt Ion:149 Resp: 861287

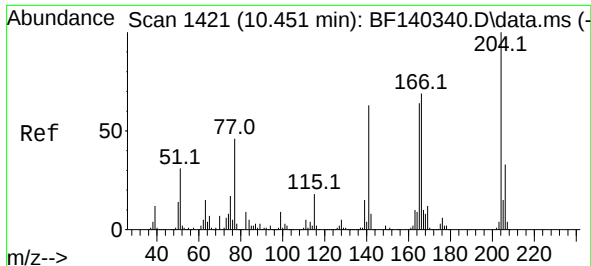
Ion Ratio Lower Upper

149 100

177 21.5 17.5 26.3

150 12.8 10.1 15.1

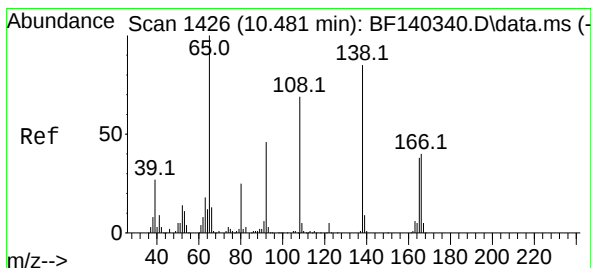
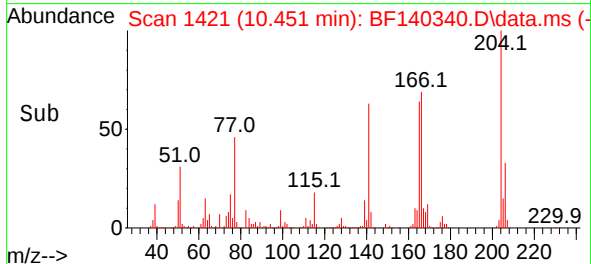
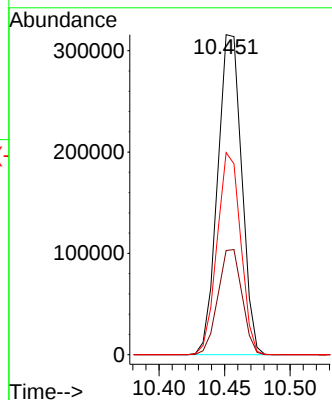
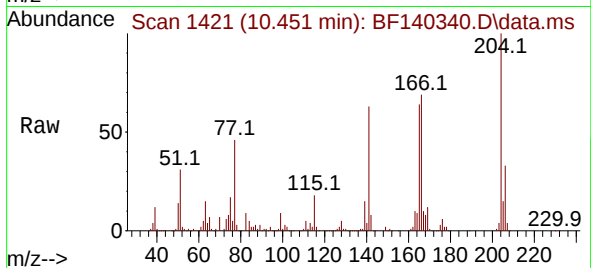




#61
4-Chlorophenyl-phenylether
Concen: 38.614 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

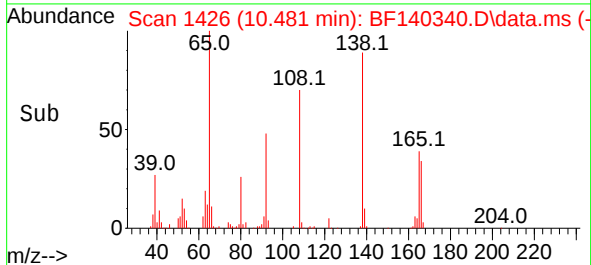
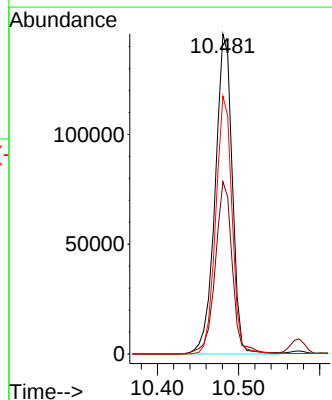
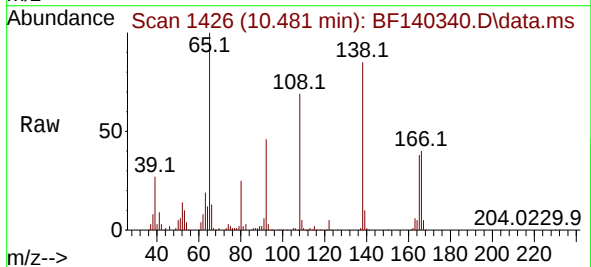
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

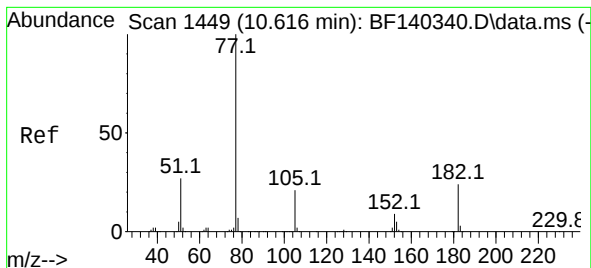
Tgt Ion:204 Resp: 403914
Ion Ratio Lower Upper
204 100
206 32.6 26.0 39.0
141 63.1 49.8 74.8



#62
4-Nitroaniline
Concen: 40.022 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:138 Resp: 213640
Ion Ratio Lower Upper
138 100
92 53.8 33.8 73.8
108 80.6 59.9 99.9





#63

Azobenzene

Concen: 39.263 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 865008

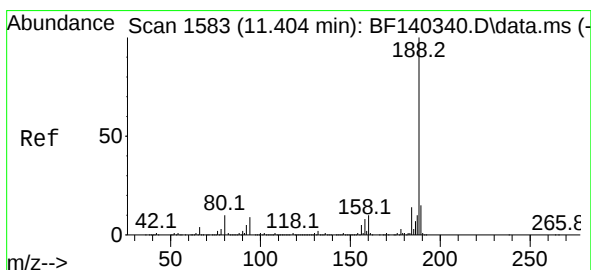
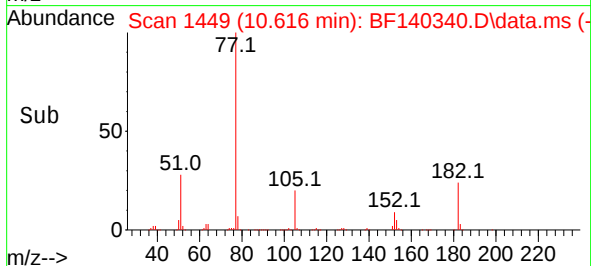
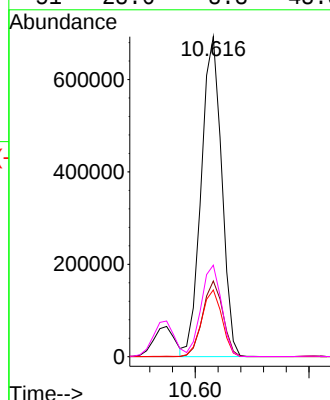
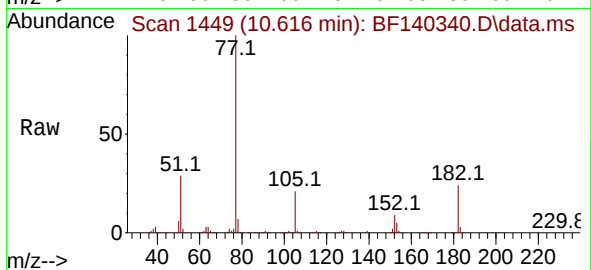
Ion Ratio Lower Upper

77 100

182 23.7 4.6 44.6

105 20.9 0.9 40.9

51 28.6 8.3 48.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

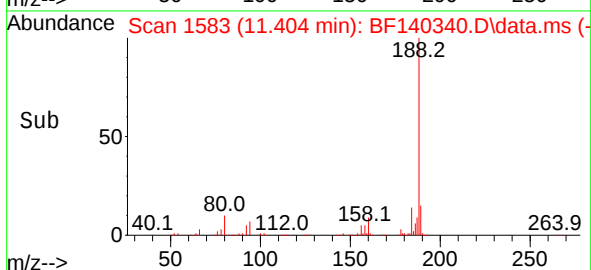
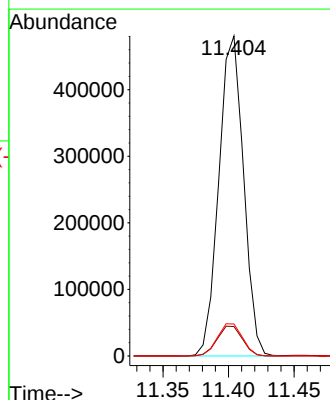
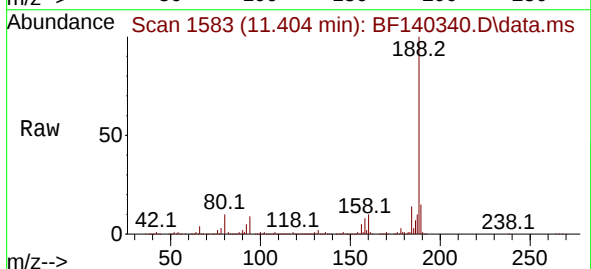
Tgt Ion: 188 Resp: 628587

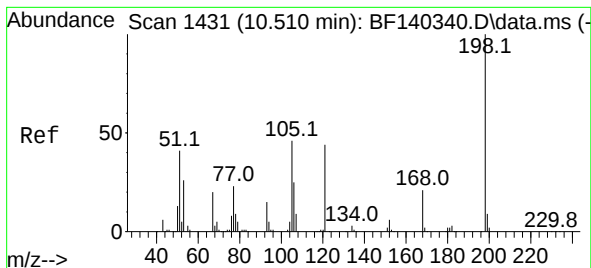
Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 10.0 8.0 12.0

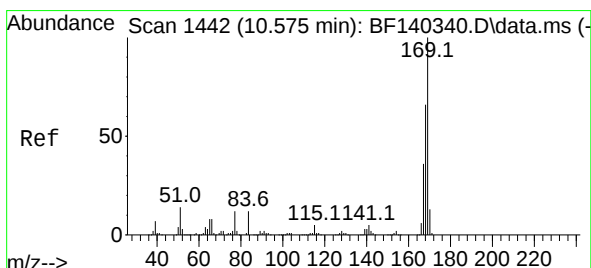
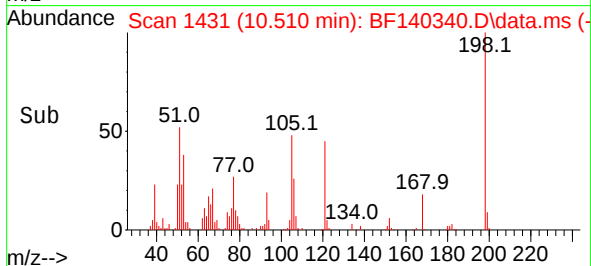
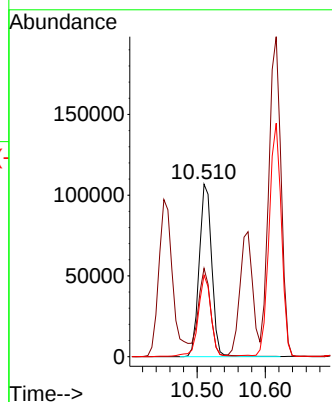
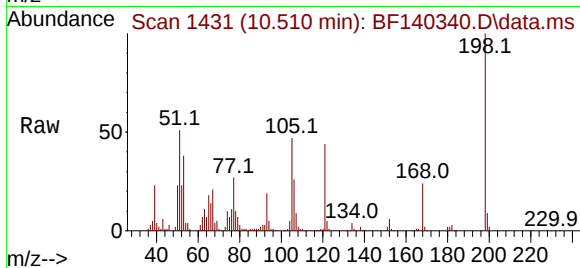




#65
4,6-Dinitro-2-methylphenol
Concen: 40.409 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

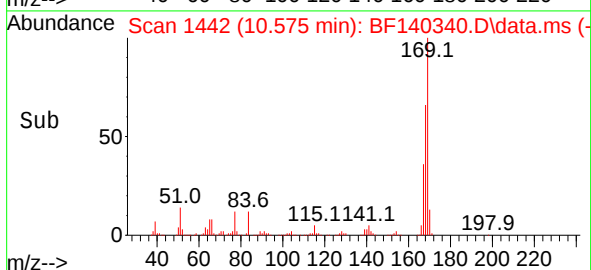
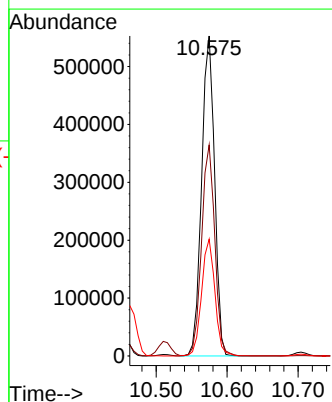
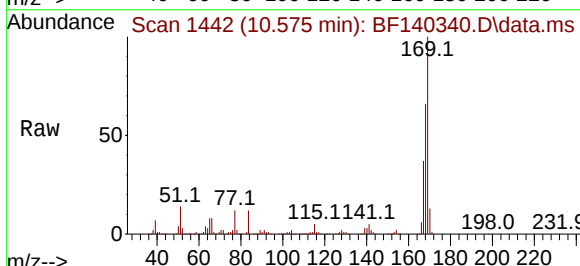
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

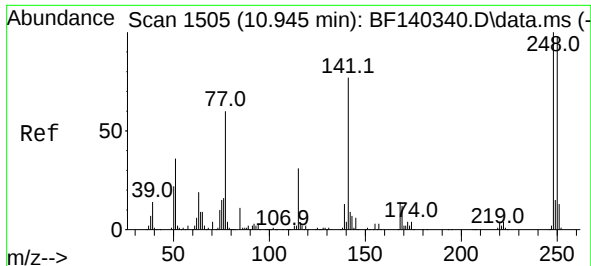
Tgt Ion:198 Resp: 136662
Ion Ratio Lower Upper
198 100
51 51.2 29.7 69.7
105 47.2 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 38.723 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:169 Resp: 703286
Ion Ratio Lower Upper
169 100
168 65.9 52.7 79.1
167 36.5 29.3 43.9

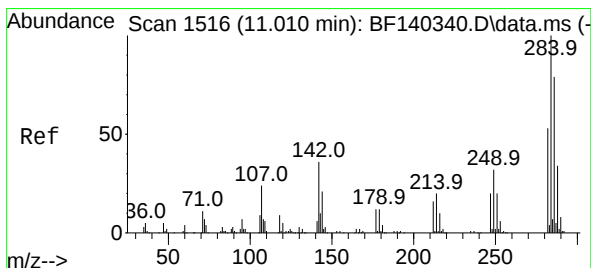
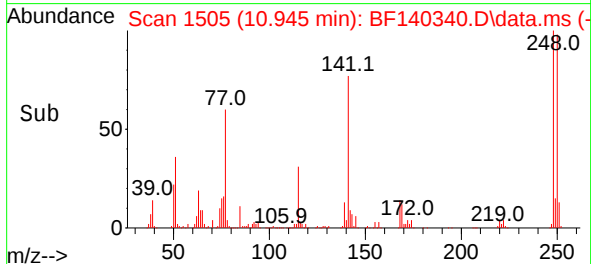
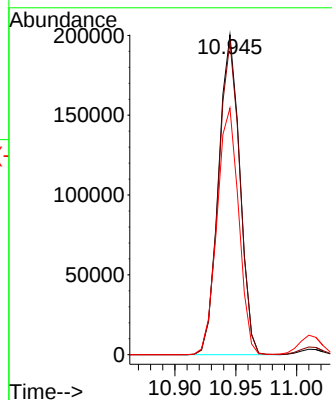
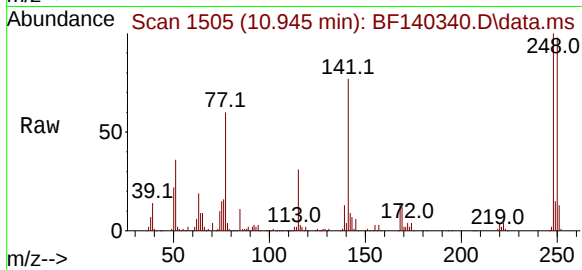




#67
4-Bromophenyl-phenylether
Concen: 38.789 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

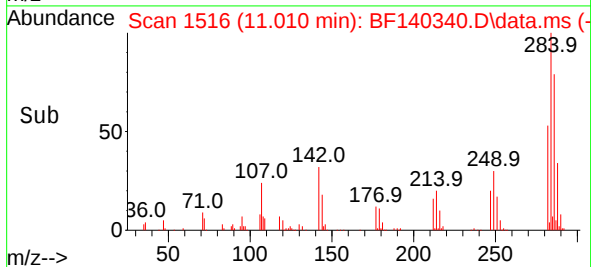
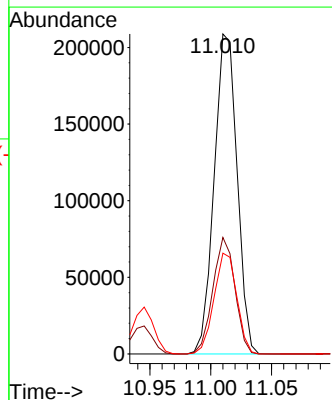
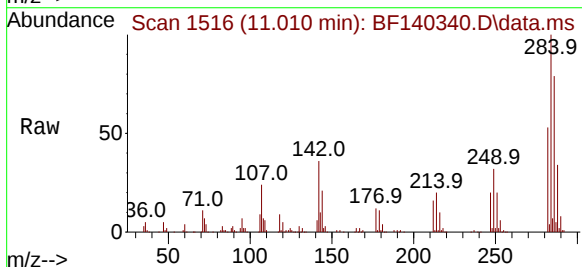
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

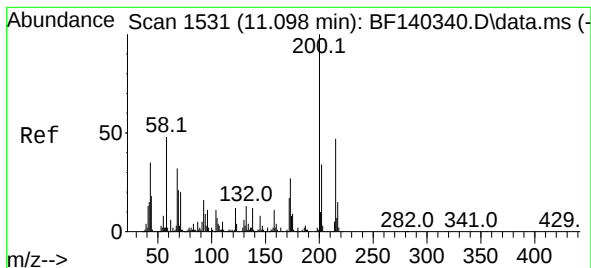
Tgt Ion:248 Resp: 243728
Ion Ratio Lower Upper
248 100
250 97.7 77.9 116.9
141 77.1 61.8 92.6



#68
Hexachlorobenzene
Concen: 38.734 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:284 Resp: 273839
Ion Ratio Lower Upper
284 100
142 36.4 28.1 42.1
249 31.5 24.9 37.3





#69

Atrazine

Concen: 33.121 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

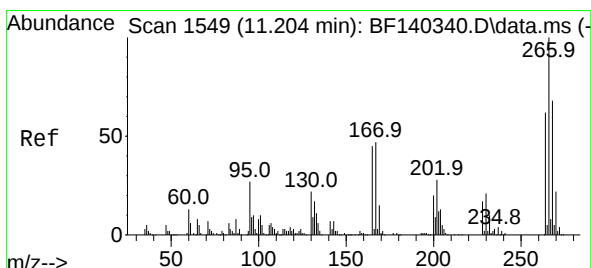
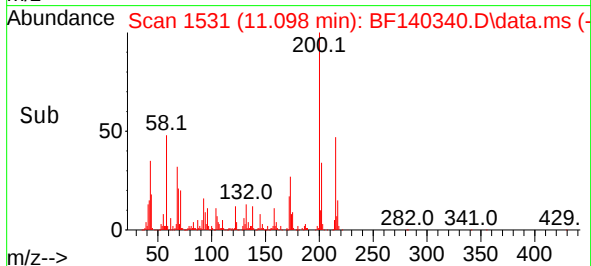
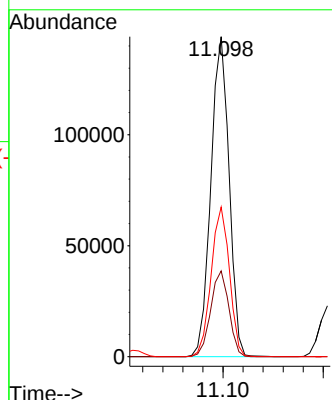
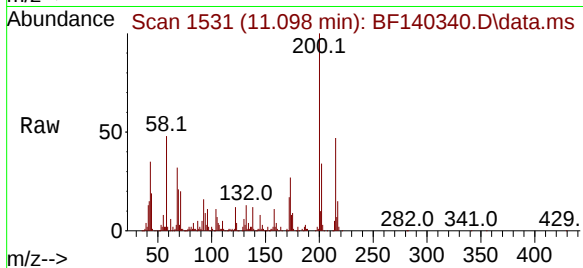
Tgt Ion:200 Resp: 181993

Ion Ratio Lower Upper

200 100

173 26.8 6.6 46.6

215 46.8 27.2 67.2



#70

Pentachlorophenol

Concen: 42.046 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

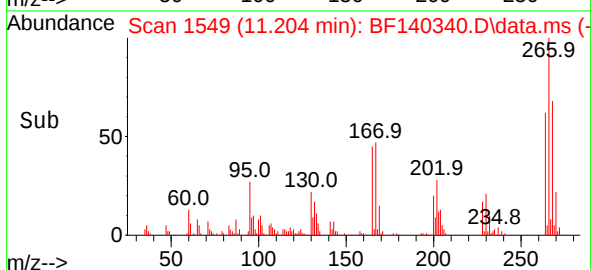
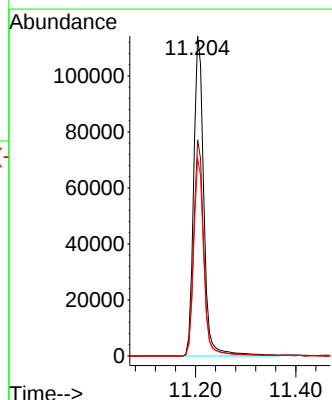
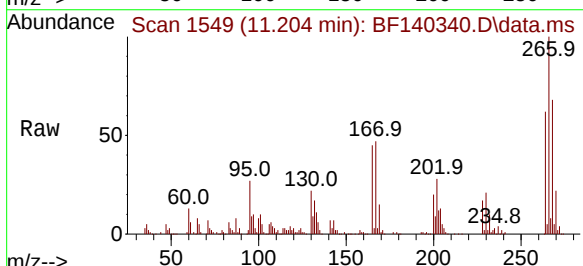
Tgt Ion:266 Resp: 160120

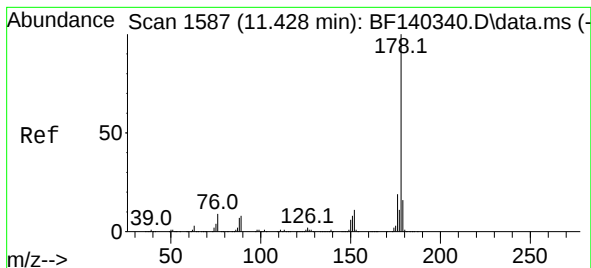
Ion Ratio Lower Upper

266 100

268 67.6 52.9 79.3

264 61.8 50.3 75.5





#71

Phenanthrene

Concen: 38.440 ng

RT: 11.428 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

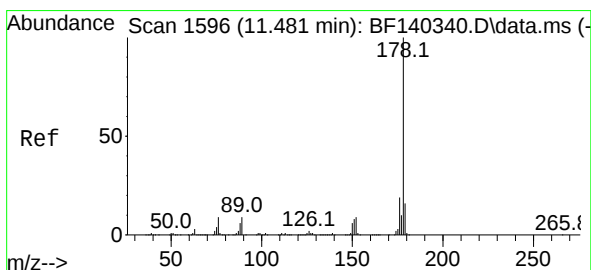
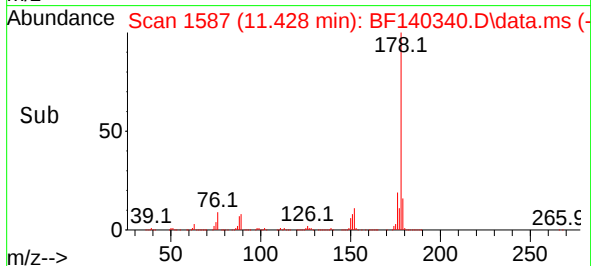
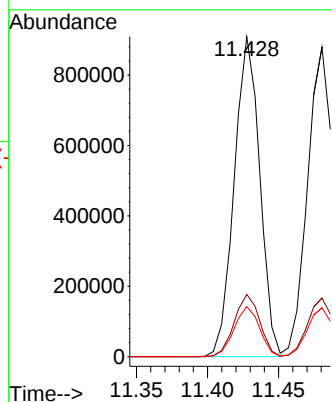
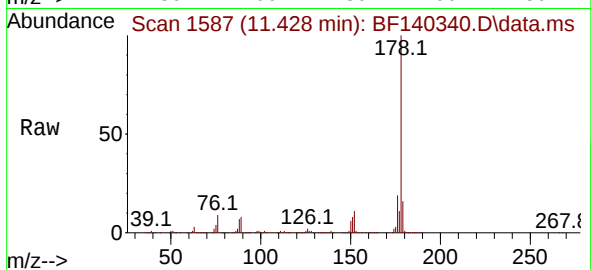
Tgt Ion:178 Resp: 1135052

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.6 12.4 18.6



#72

Anthracene

Concen: 38.613 ng

RT: 11.481 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

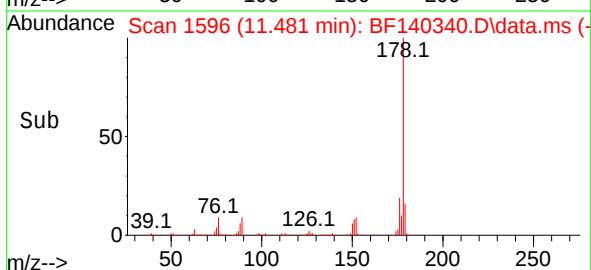
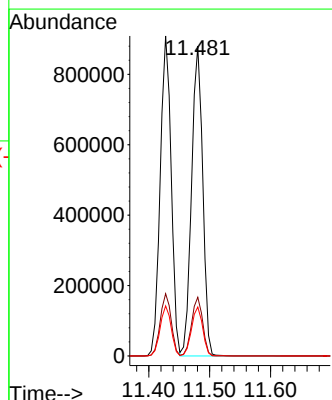
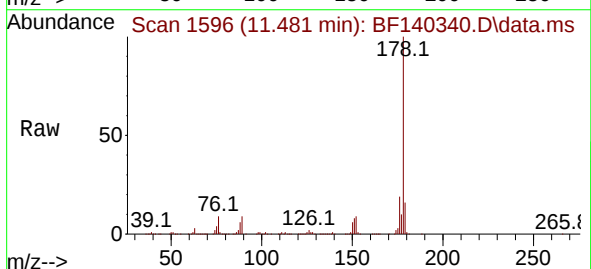
Tgt Ion:178 Resp: 1117453

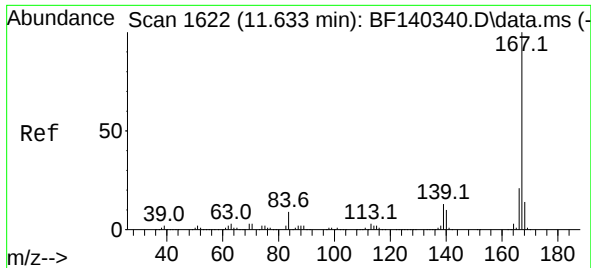
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.8 12.6 18.8

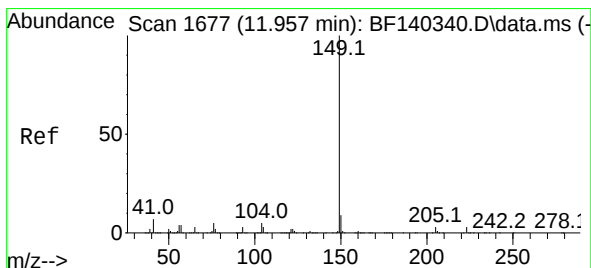
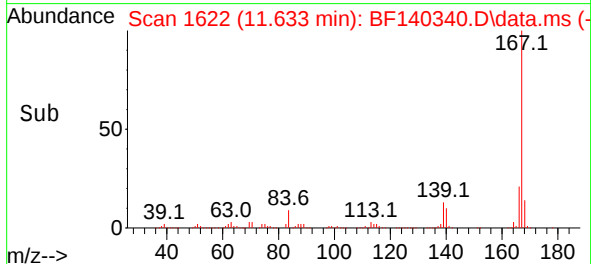
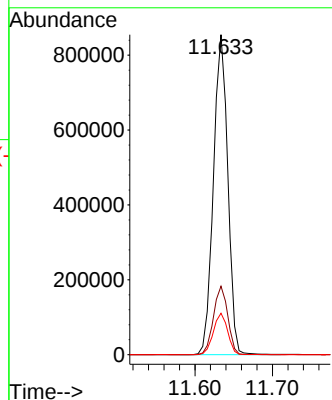
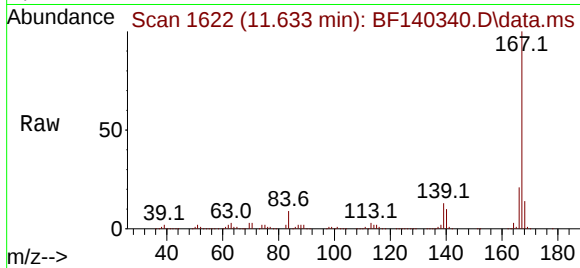




#73
 Carbazole
 Concen: 38.551 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF140340.D
 Acq: 13 Nov 2024 12:48

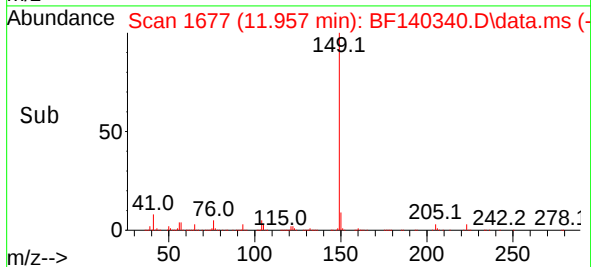
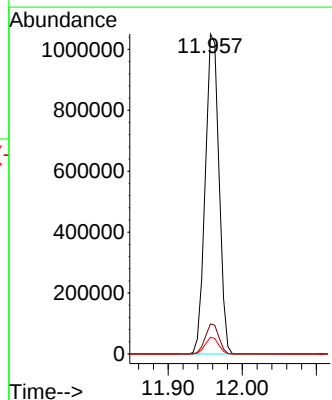
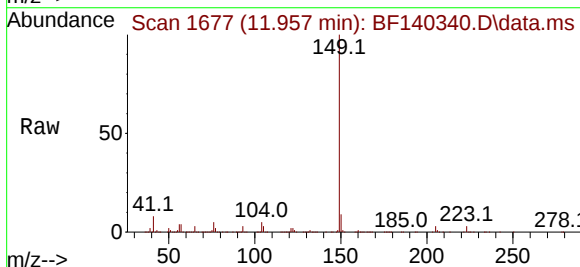
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

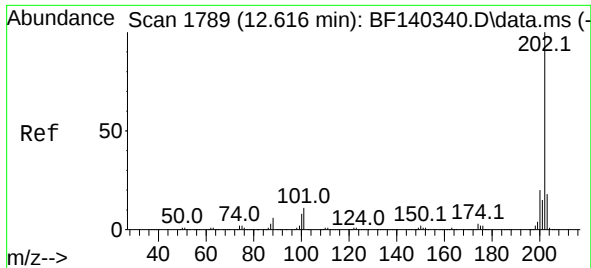
Tgt Ion:167 Resp: 1101588
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.0 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 39.365 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. 0.000 min
 Lab File: BF140340.D
 Acq: 13 Nov 2024 12:48

Tgt Ion:149 Resp: 1350065
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.2 4.0 6.0

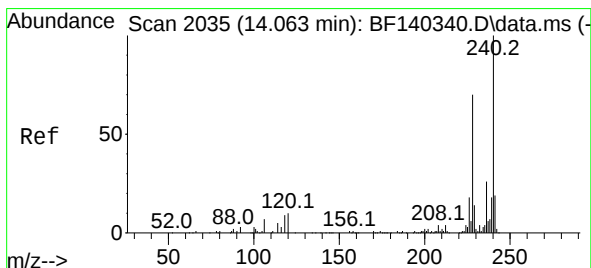
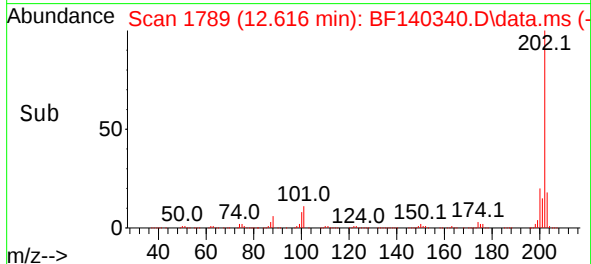
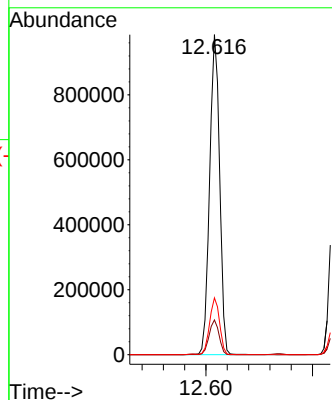
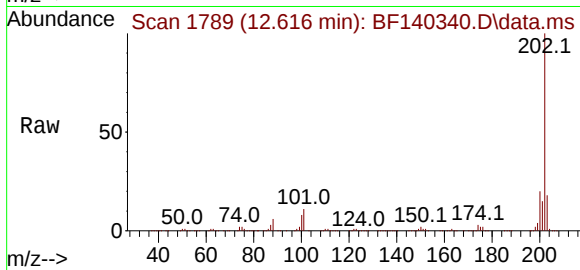




#75
Fluoranthene
Concen: 38.621 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

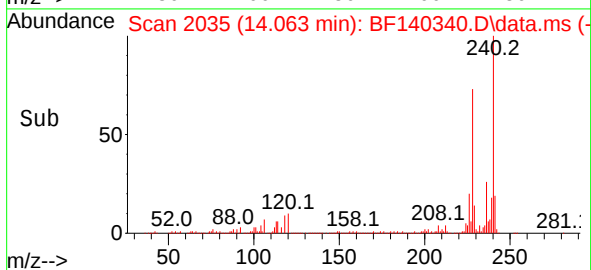
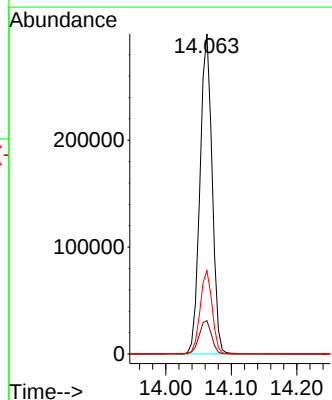
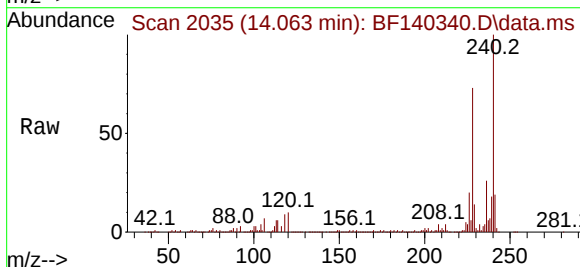
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

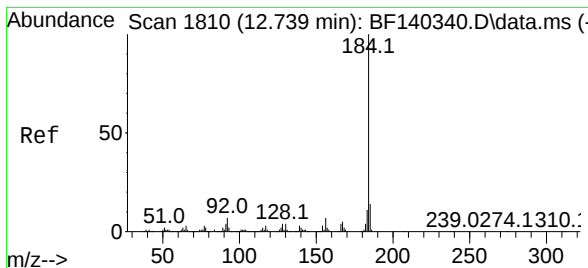
Tgt Ion:202 Resp: 1279456
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.7
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.012 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:240 Resp: 385940
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 26.1 20.9 31.3





#77

Benzidine

Concen: 34.036 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

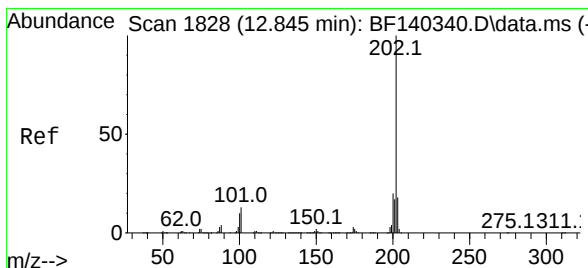
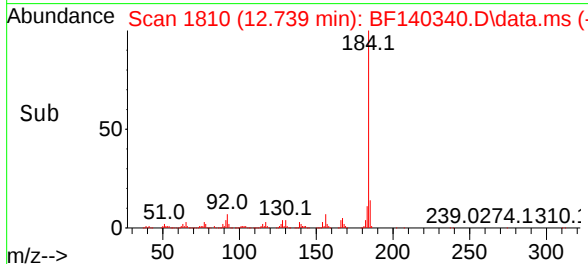
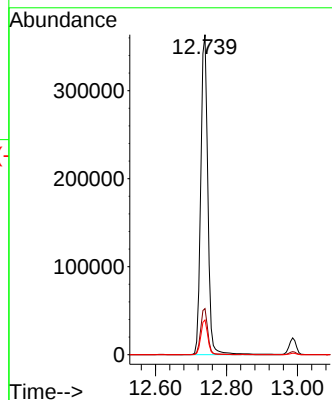
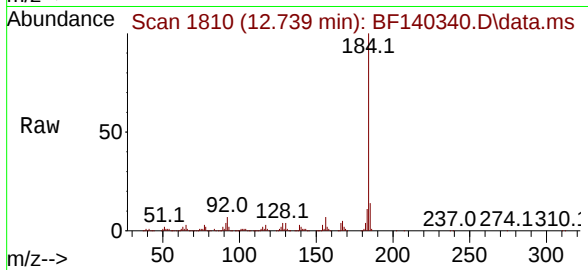
Tgt Ion:184 Resp: 504166

Ion Ratio Lower Upper

184 100

185 14.4 11.9 17.9

183 10.8 8.6 13.0



#78

Pyrene

Concen: 39.252 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

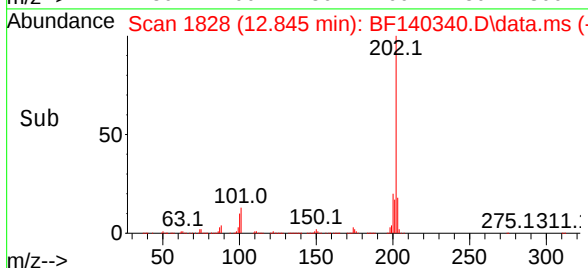
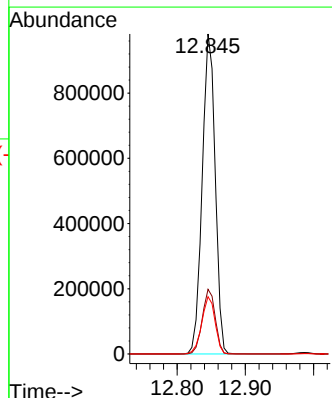
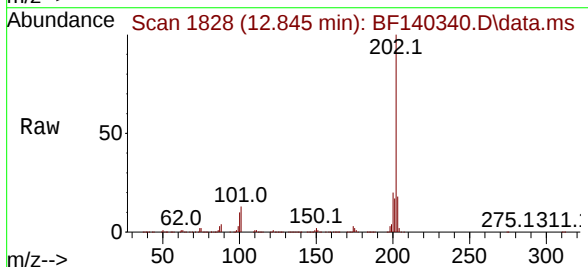
Tgt Ion:202 Resp: 1295809

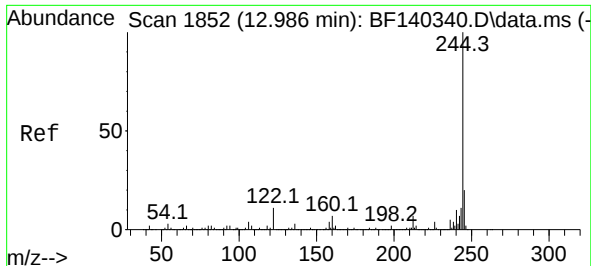
Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

203 17.9 14.2 21.4

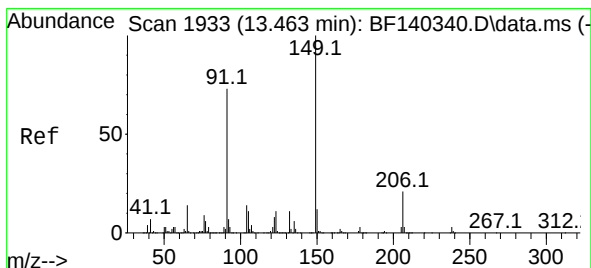
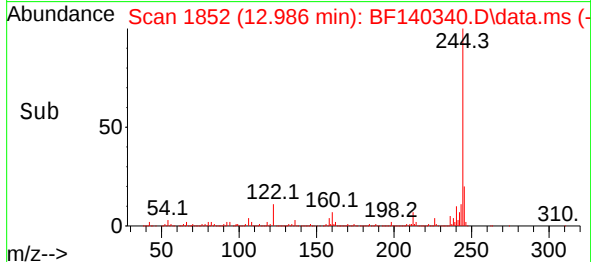
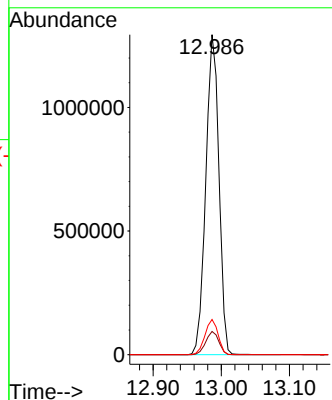
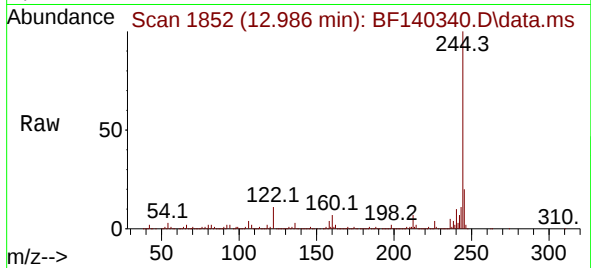




#79
 Terphenyl-d14
 Concen: 77.987 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF140340.D
 Acq: 13 Nov 2024 12:48

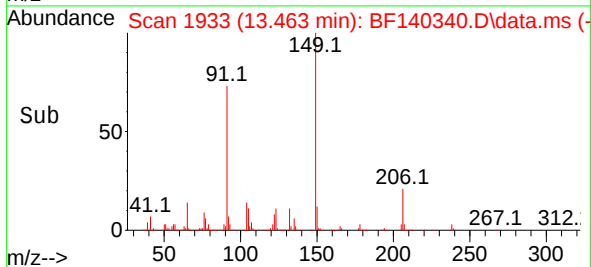
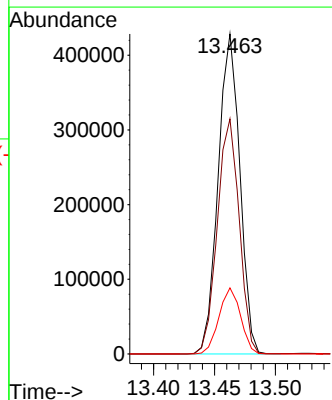
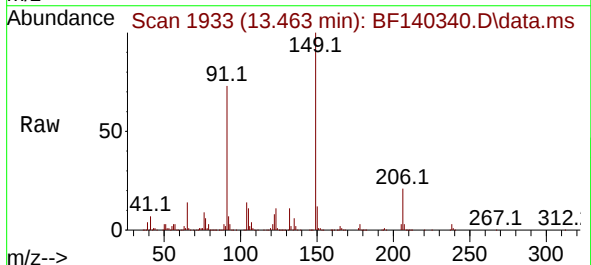
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

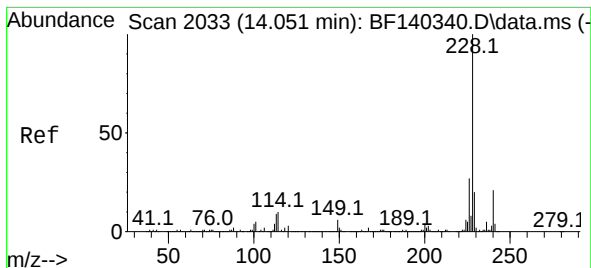
Tgt Ion:244 Resp: 1733989
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.0 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 41.968 ng
 RT: 13.463 min Scan# 1933
 Delta R.T. 0.006 min
 Lab File: BF140340.D
 Acq: 13 Nov 2024 12:48

Tgt Ion:149 Resp: 532219
 Ion Ratio Lower Upper
 149 100
 91 73.4 61.0 91.4
 206 20.7 16.1 24.1





#81

Benzo(a)anthracene

Concen: 38.447 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.012 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

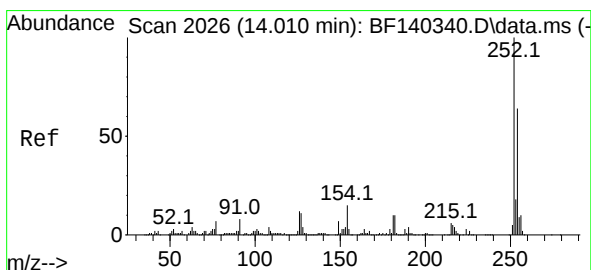
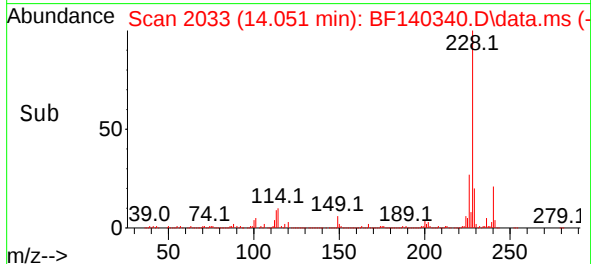
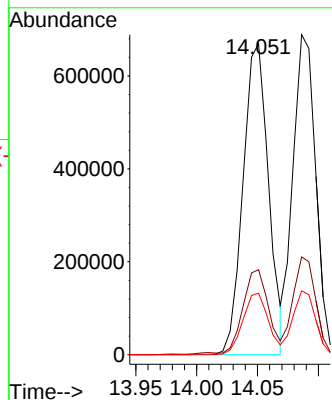
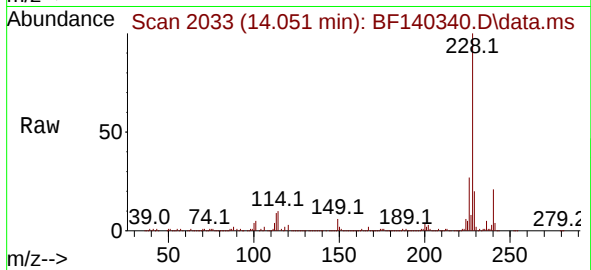
Tgt Ion:228 Resp: 975194

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.4

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 38.491 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.012 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

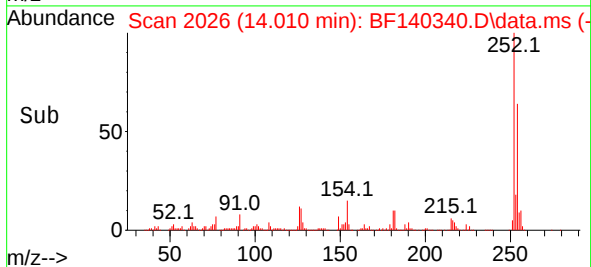
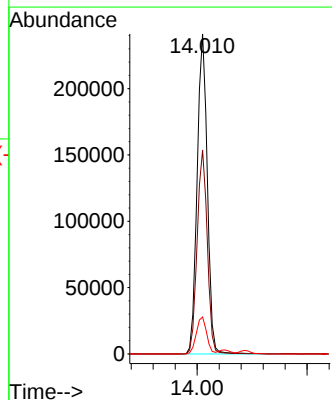
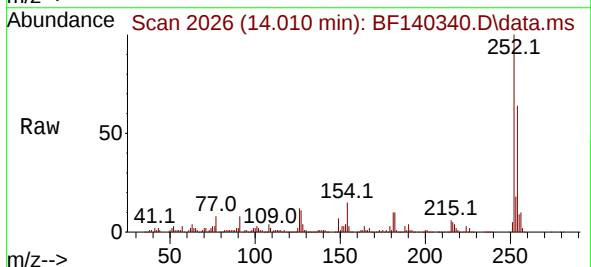
Tgt Ion:252 Resp: 310326

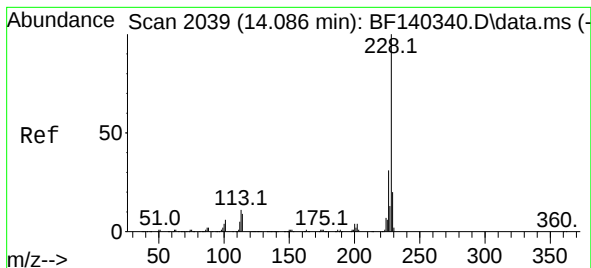
Ion Ratio Lower Upper

252 100

254 63.8 51.4 77.2

126 11.6 9.4 14.0





#83

Chrysene

Concen: 38.950 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

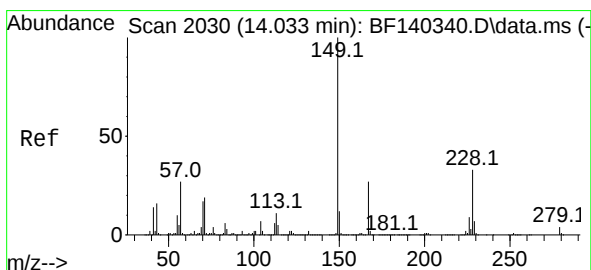
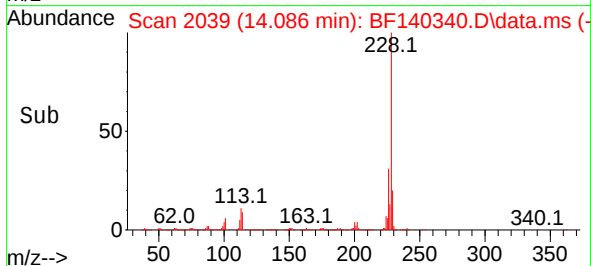
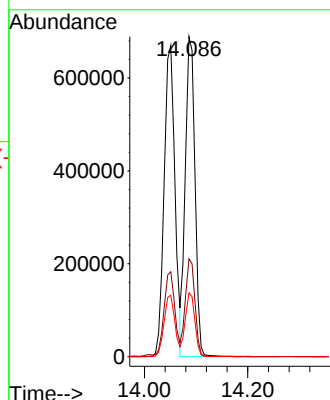
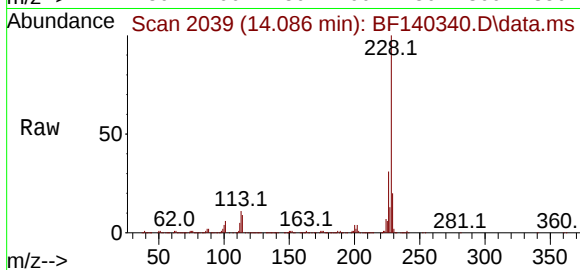
Tgt Ion:228 Resp: 901424

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.269 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.012 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

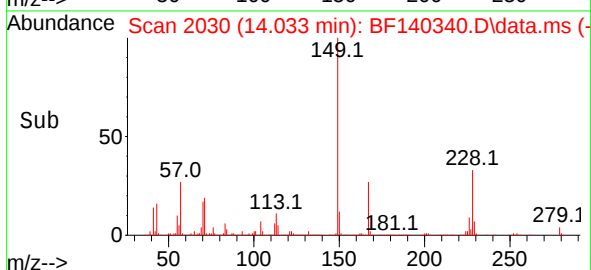
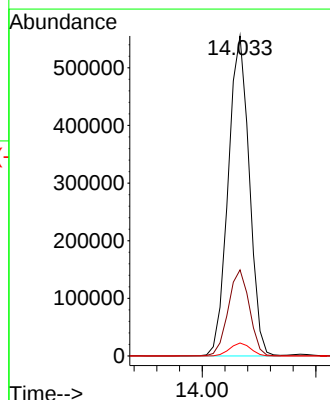
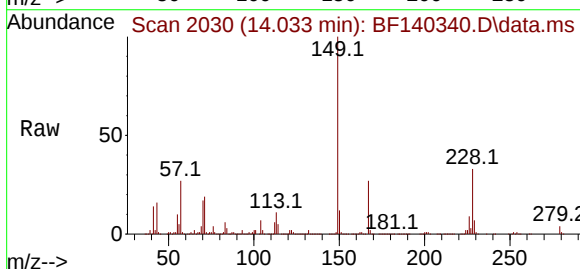
Tgt Ion:149 Resp: 715490

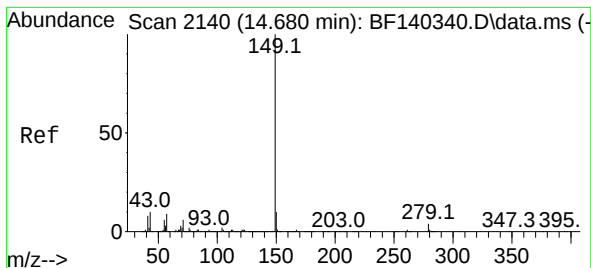
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 41.757 ng

RT: 14.680 min Scan# 2140

Delta R.T. 0.018 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

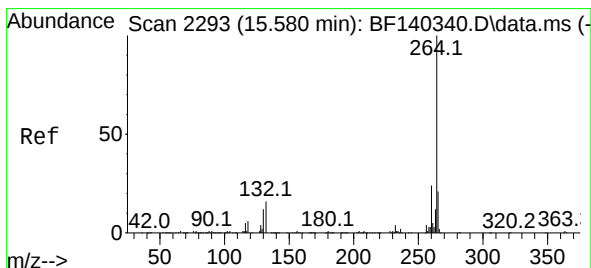
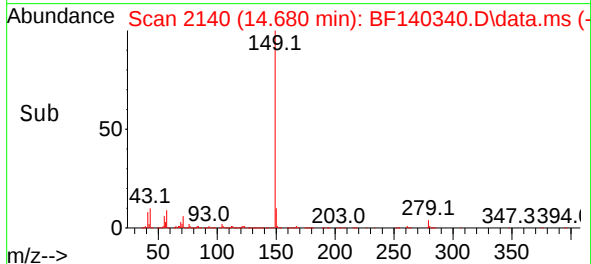
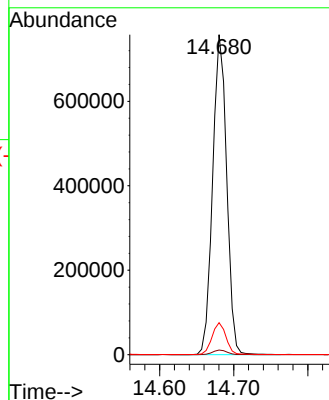
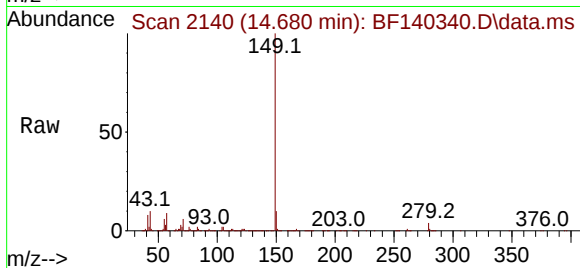
Tgt Ion:149 Resp: 995484

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.0 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2293

Delta R.T. 0.024 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

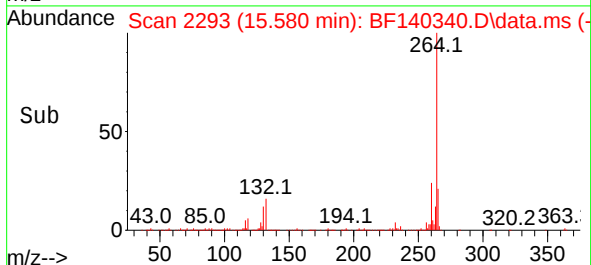
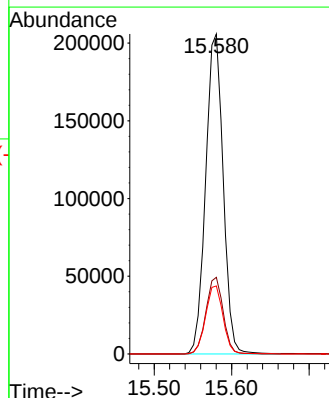
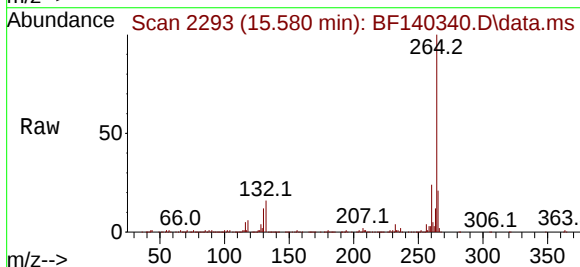
Tgt Ion:264 Resp: 322417

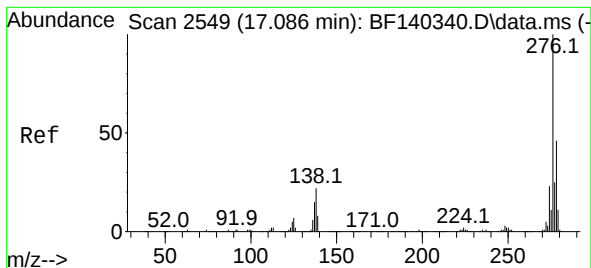
Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.3 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.723 ng

RT: 17.086 min Scan# 2549

Delta R.T. 0.029 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

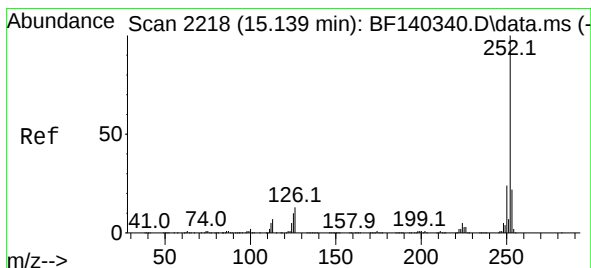
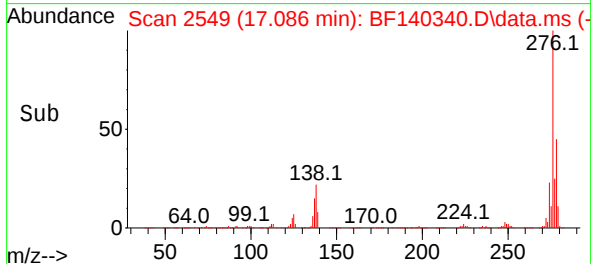
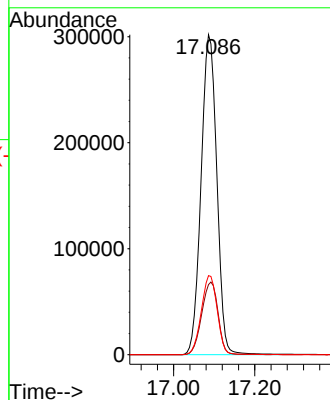
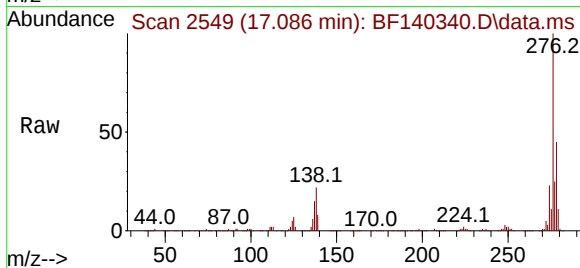
Tgt Ion:276 Resp: 811059

Ion Ratio Lower Upper

276 100

138 23.5 18.8 28.2

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 38.614 ng

RT: 15.139 min Scan# 2218

Delta R.T. 0.024 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

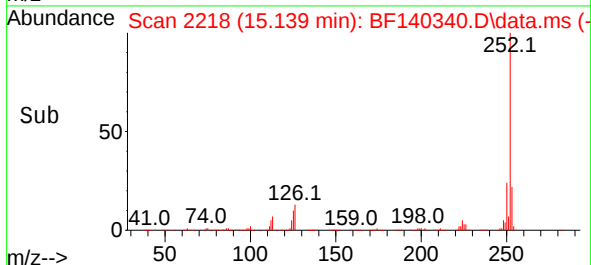
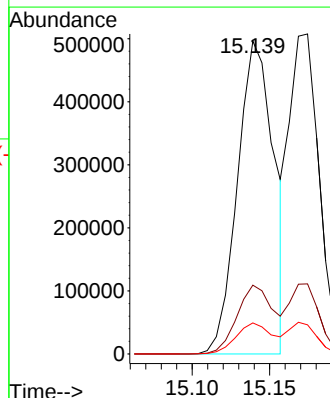
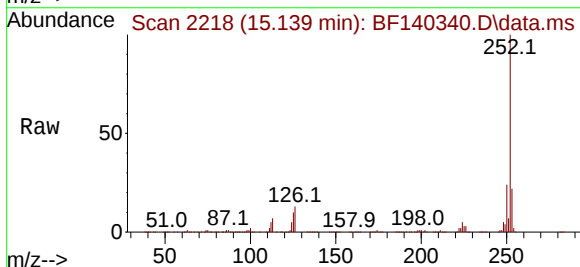
Tgt Ion:252 Resp: 814405

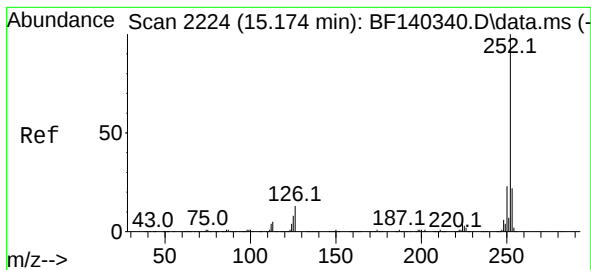
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.9 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 39.676 ng

RT: 15.174 min Scan# 2224

Delta R.T. 0.024 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

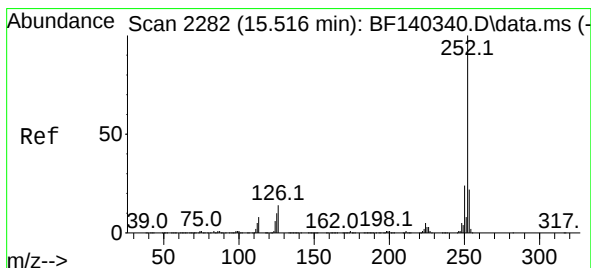
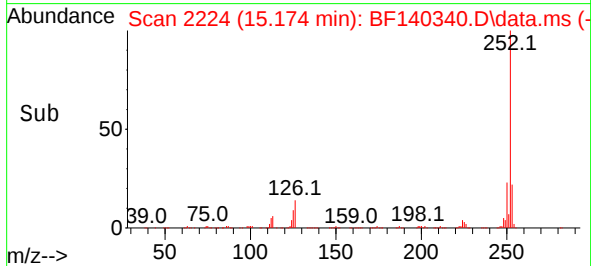
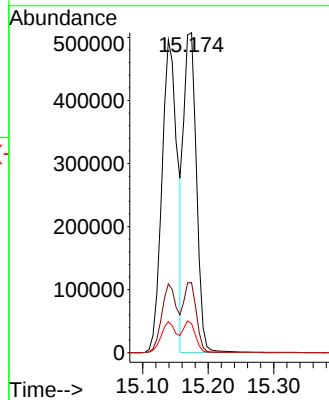
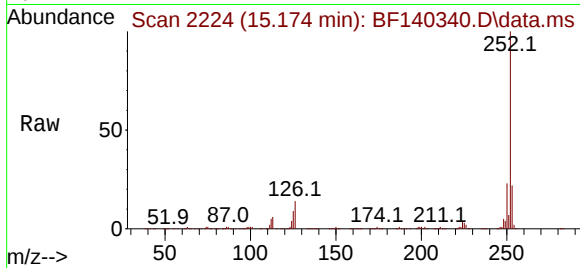
Tgt Ion:252 Resp: 683609

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 39.585 ng

RT: 15.516 min Scan# 2282

Delta R.T. 0.024 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

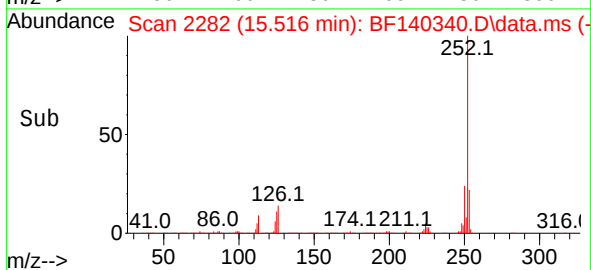
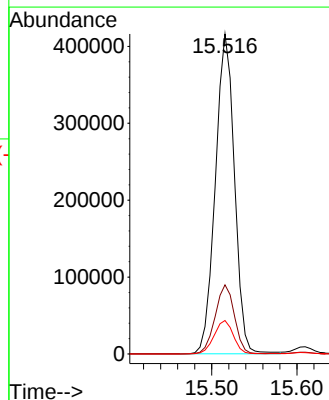
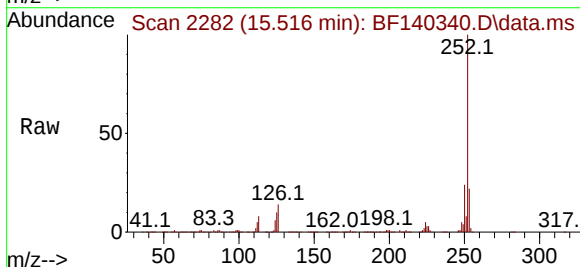
Tgt Ion:252 Resp: 648346

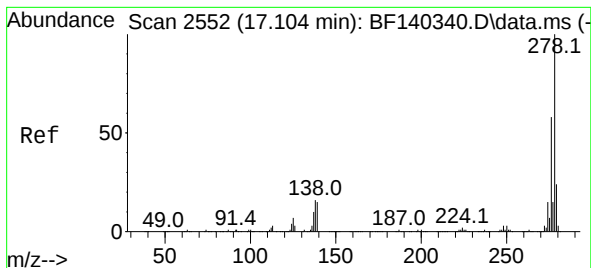
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 10.5 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 40.712 ng

RT: 17.104 min Scan# 2552

Delta R.T. 0.029 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

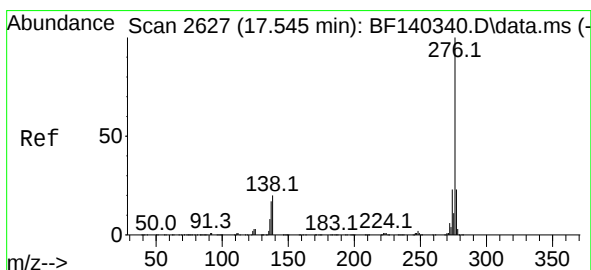
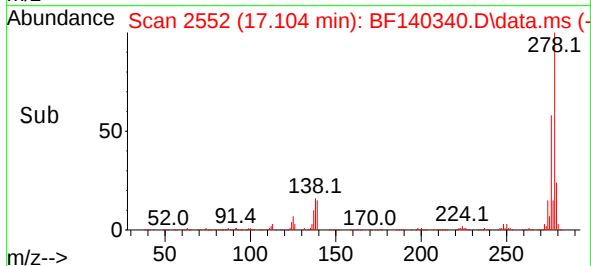
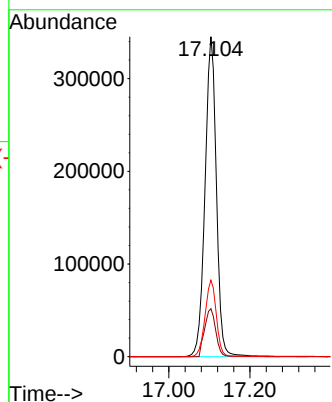
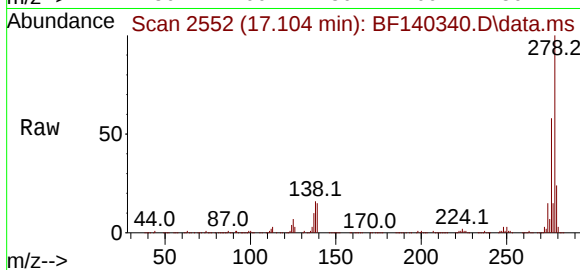
Tgt Ion:278 Resp: 670243

Ion Ratio Lower Upper

278 100

139 15.0 11.8 17.8

279 23.9 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 40.711 ng

RT: 17.545 min Scan# 2627

Delta R.T. 0.029 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Tgt Ion:276 Resp: 685184

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 19.6 16.0 24.0

