

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140113.D
 Acq On : 29 Oct 2024 16:01
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 29 16:37:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	154336	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	582321	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	326390	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	563401	20.000	ng	0.00
76) Chrysene-d12	14.074	240	296186	20.000	ng	0.02
86) Perylene-d12	15.592	264	329400	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	743996	75.466	ng	0.00
7) Phenol-d6	6.516	99	948872	74.313	ng	0.00
23) Nitrobenzene-d5	7.457	82	891222	84.824	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	267663	87.674	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1552720	78.623	ng	0.00
79) Terphenyl-d14	12.998	244	1431872	78.775	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	162943	35.449	ng	98
3) Pyridine	3.440	79	421889	37.029	ng	99
4) n-Nitrosodimethylamine	3.399	42	223333	36.484	ng	99
6) Aniline	6.557	93	445056	37.400	ng	99
8) 2-Chlorophenol	6.675	128	384327	38.133	ng	99
9) Benzaldehyde	6.439	77	300771	41.873	ng	99
10) Phenol	6.528	94	513272	38.991	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	390779	38.407	ng	100
12) 1,3-Dichlorobenzene	6.834	146	456471	39.455	ng	100
13) 1,4-Dichlorobenzene	6.910	146	457203	39.556	ng	99
14) 1,2-Dichlorobenzene	7.063	146	421208	39.046	ng	99
15) Benzyl Alcohol	7.028	79	367803	39.269	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	642999	37.062	ng	98
17) 2-Methylphenol	7.134	107	329484	38.339	ng	98
18) Hexachloroethane	7.404	117	168286	40.829	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	292090	37.718	ng	98
20) 3+4-Methylphenols	7.292	107	406879	37.015	ng	# 83
22) Acetophenone	7.298	105	547054	38.355	ng	98
24) Nitrobenzene	7.475	77	467909	40.619	ng	100
25) Isophorone	7.710	82	792075	39.719	ng	99
26) 2-Nitrophenol	7.786	139	210871	48.523	ng	98
27) 2,4-Dimethylphenol	7.816	122	271833	37.513	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	475498	39.356	ng	100
29) 2,4-Dichlorophenol	8.028	162	327963	39.735	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	367887	40.281	ng	99
31) Naphthalene	8.192	128	1175766	39.150	ng	100
32) Benzoic acid	7.939	122	270416	42.786	ng	99
33) 4-Chloroaniline	8.239	127	382919	37.392	ng	99
34) Hexachlorobutadiene	8.310	225	241270	42.045	ng	99
35) Caprolactam	8.616	113	105823	40.322	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	370459	40.534	ng	99
37) 2-Methylnaphthalene	8.886	142	728121	39.586	ng	99
38) 1-Methylnaphthalene	8.981	142	707632	39.213	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	360611	40.953	ng	99
41) Hexachlorocyclopentadiene	9.033	237	124083	40.499	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	245975	39.456	ng	100

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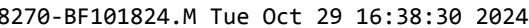
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	271707	42.243	ng	99
46) 1,1'-Biphenyl	9.351	154	895579	39.415	ng	99
47) 2-Chloronaphthalene	9.375	162	720392	39.365	ng	99
48) 2-Nitroaniline	9.469	65	248826	44.457	ng	95
49) Acenaphthylene	9.792	152	1043630	39.447	ng	100
50) Dimethylphthalate	9.651	163	824802	40.570	ng	100
51) 2,6-Dinitrotoluene	9.710	165	193043	43.855	ng	99
52) Acenaphthene	9.963	154	701432	40.984	ng	99
53) 3-Nitroaniline	9.880	138	190432	41.951	ng	96
54) 2,4-Dinitrophenol	9.980	184	103525	58.514	ng	# 1
55) Dibenzofuran	10.133	168	966386	39.355	ng	99
56) 4-Nitrophenol	10.028	139	143961	41.221	ng	97
57) 2,4-Dinitrotoluene	10.110	165	253696	46.867	ng	100
58) Fluorene	10.475	166	745319	39.850	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	210025	41.653	ng	98
60) Diethylphthalate	10.345	149	822514	41.206	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	386070	40.876	ng	99
62) 4-Nitroaniline	10.492	138	186065	43.399	ng	98
63) Azobenzene	10.627	77	827895	39.122	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	140612	61.186	ng	94
66) n-Nitrosodiphenylamine	10.586	169	669526	39.705	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	247494	42.641	ng	99
68) Hexachlorobenzene	11.022	284	272750	41.784	ng	99
69) Atrazine	11.110	200	181908	39.824	ng	99
70) Pentachlorophenol	11.216	266	174262	43.987	ng	99
71) Phenanthrene	11.439	178	1027169	38.597	ng	100
72) Anthracene	11.492	178	1016521	39.149	ng	100
73) Carbazole	11.645	167	900780	37.302	ng	99
74) Di-n-butylphthalate	11.974	149	1152766	41.318	ng	100
75) Fluoranthene	12.627	202	1012672	37.641	ng	100
77) Benzidine	12.751	184	313360	64.341	ng	99
78) Pyrene	12.857	202	994568	38.362	ng	100
80) Butylbenzylphthalate	13.474	149	361607	46.523	ng	100
81) Benzo(a)anthracene	14.063	228	764088	39.630	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	262064	46.617	ng	99
83) Chrysene	14.098	228	700836	39.644	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	463194	53.115	ng	99
85) Di-n-octyl phthalate	14.698	149	784324	49.448	ng	98
87) Indeno(1,2,3-cd)pyrene	17.109	276	854097	40.304	ng	98
88) Benzo(b)fluoranthene	15.151	252	767024	38.226	ng	99
89) Benzo(k)fluoranthene	15.186	252	672813	38.880	ng	100
90) Benzo(a)pyrene	15.527	252	653063	39.554	ng	100
91) Dibenzo(a,h)anthracene	17.127	278	705262	39.895	ng	98
92) Benzo(g,h,i)perylene	17.568	276	718764	40.704	ng	98

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

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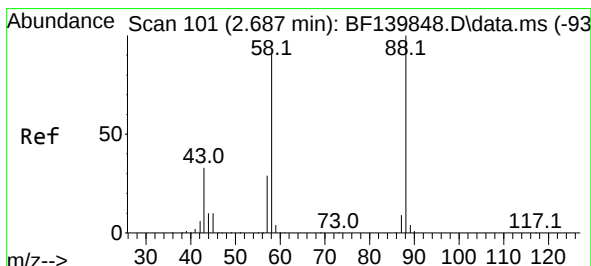
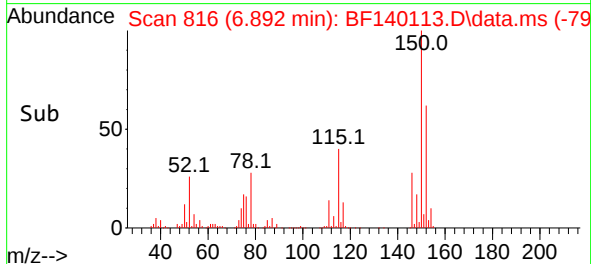
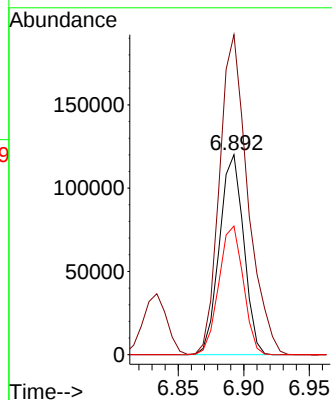
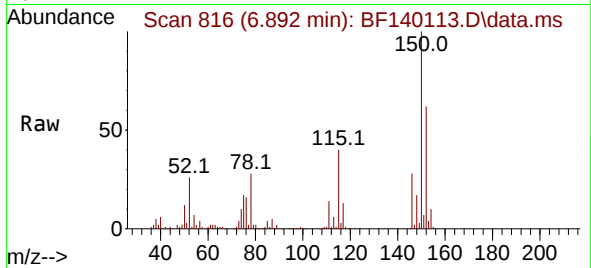




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

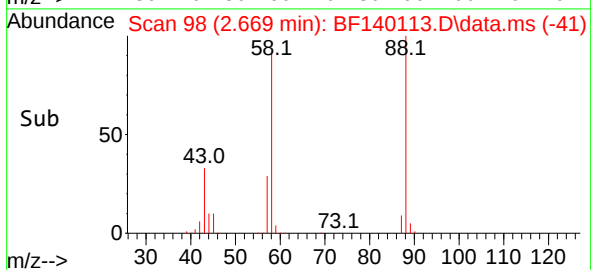
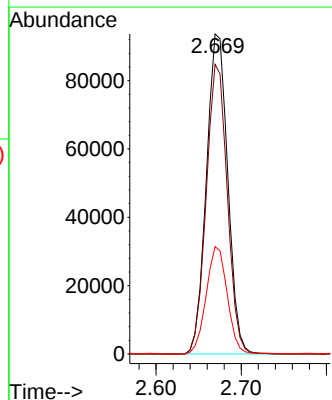
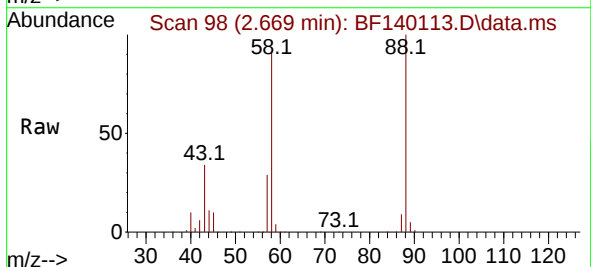
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 154336
Ion Ratio Lower Upper
152 100
150 160.0 130.2 195.2
115 64.4 51.4 77.2



#2
1,4-Dioxane
Concen: 35.449 ng
RT: 2.669 min Scan# 98
Delta R.T. -0.018 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion: 88 Resp: 162943
Ion Ratio Lower Upper
88 100
58 89.1 73.3 109.9
43 33.2 27.1 40.7





#3

Pyridine

Concen: 37.029 ng

RT: 3.440 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

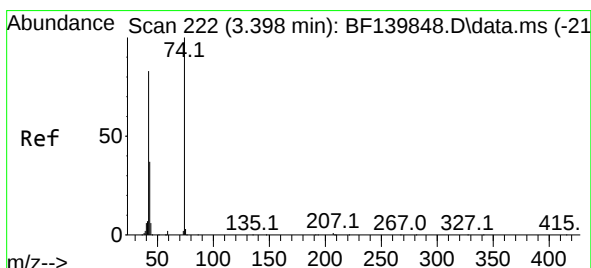
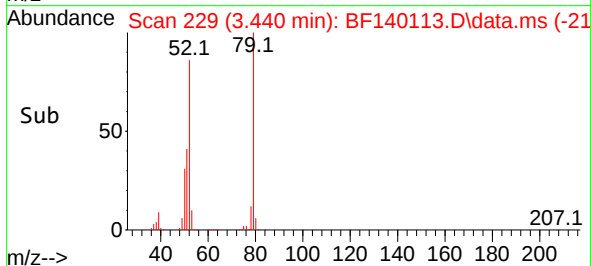
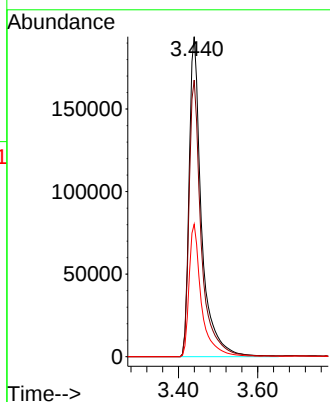
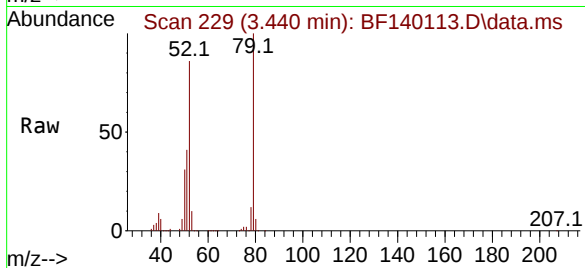
Tgt Ion: 79 Resp: 421889

Ion Ratio Lower Upper

79 100

52 86.5 68.5 102.7

51 41.4 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 36.484 ng

RT: 3.399 min Scan# 222

Delta R.T. 0.000 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

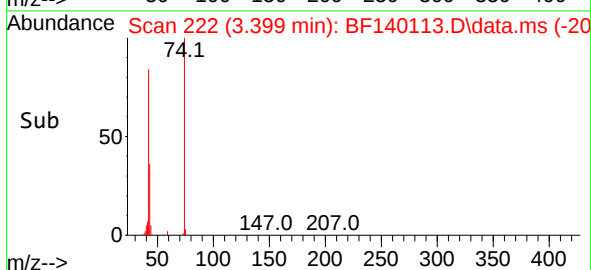
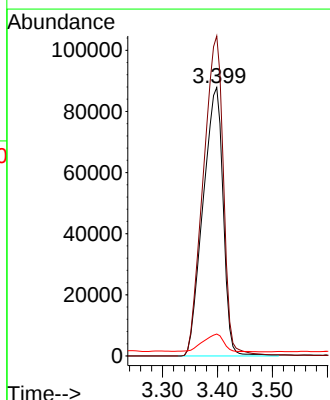
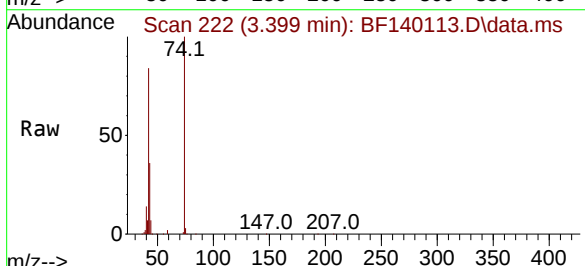
Tgt Ion: 42 Resp: 223333

Ion Ratio Lower Upper

42 100

74 119.2 96.2 144.4

44 8.2 6.2 9.2

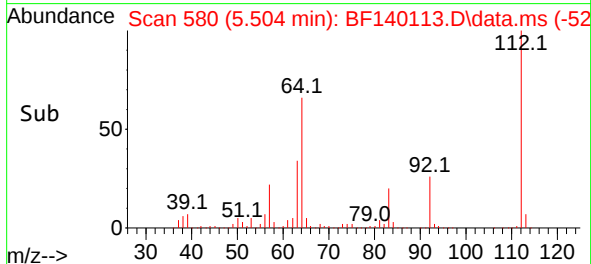
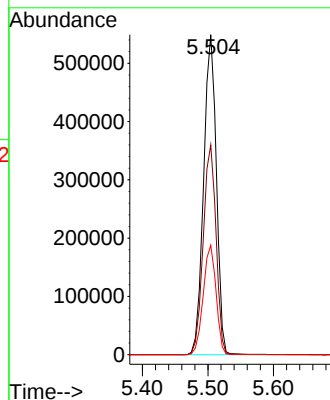
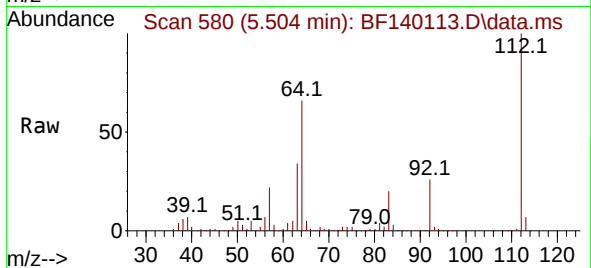




#5
2-Fluorophenol
Concen: 75.466 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

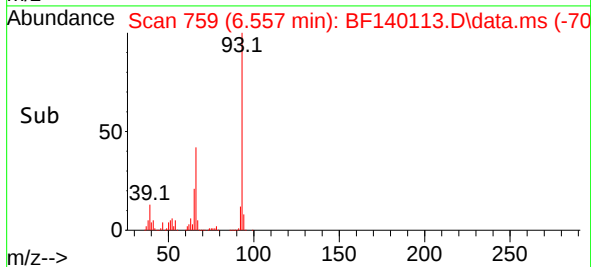
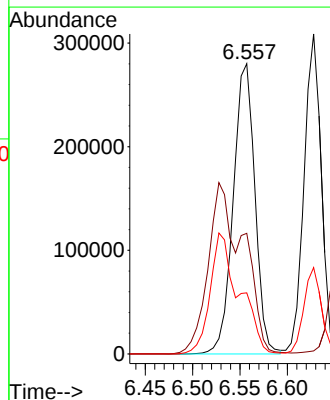
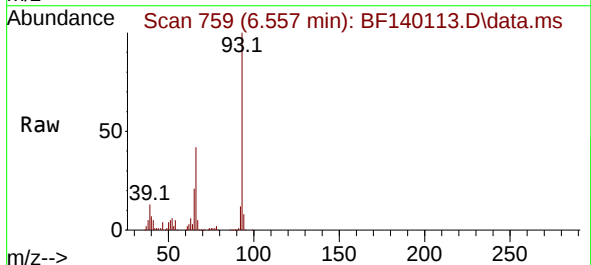
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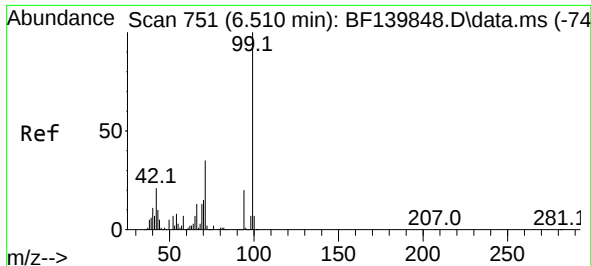
Tgt Ion:112 Resp: 743996
Ion Ratio Lower Upper
112 100
64 65.6 53.0 79.6
63 34.2 27.0 40.4



#6
Aniline
Concen: 37.400 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion: 93 Resp: 445056
Ion Ratio Lower Upper
93 100
66 41.6 34.0 51.0
65 21.0 17.4 26.0

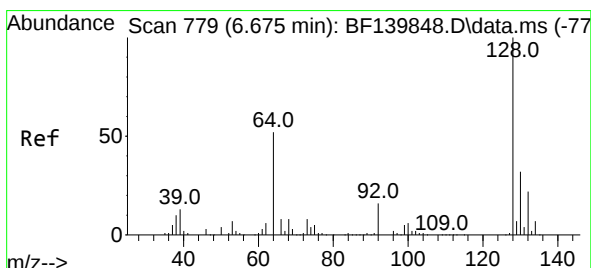
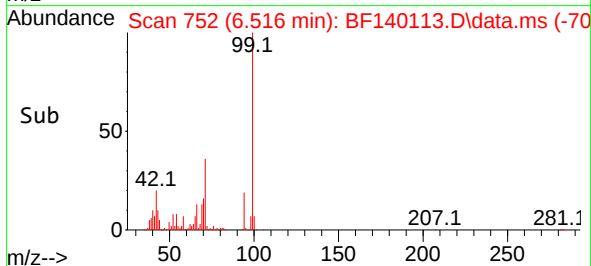
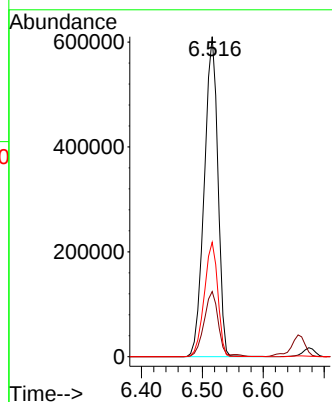
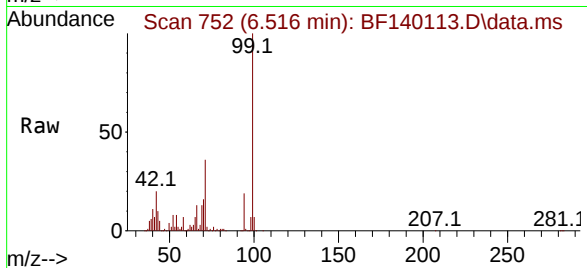




#7
Phenol-d6
Concen: 74.313 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

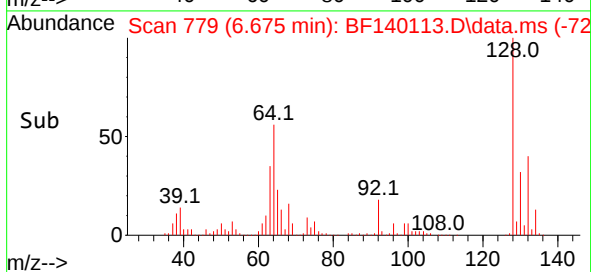
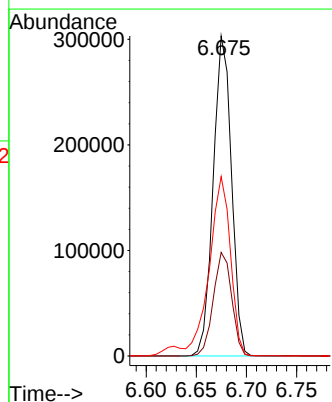
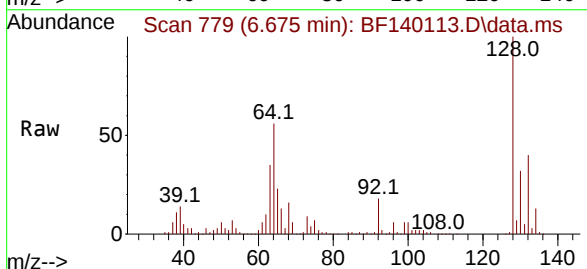
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 948872
Ion Ratio Lower Upper
99 100
42 20.4 16.7 25.1
71 35.8 27.7 41.5



#8
2-Chlorophenol
Concen: 38.133 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion: 128 Resp: 384327
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 56.1 34.6 74.6



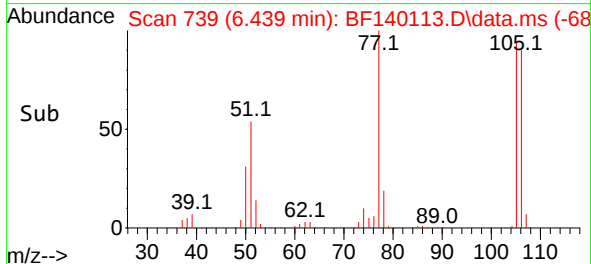
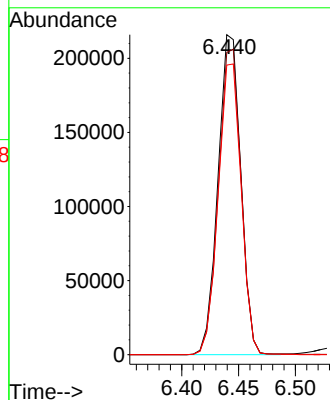
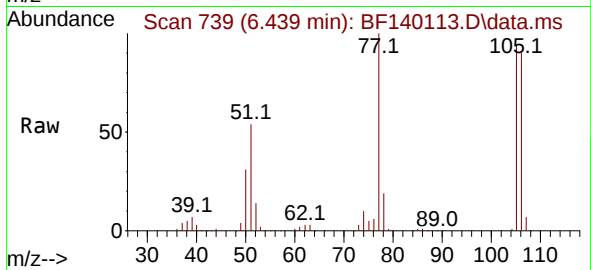


#9
Benzaldehyde
Concen: 41.873 ng
RT: 6.439 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 300771

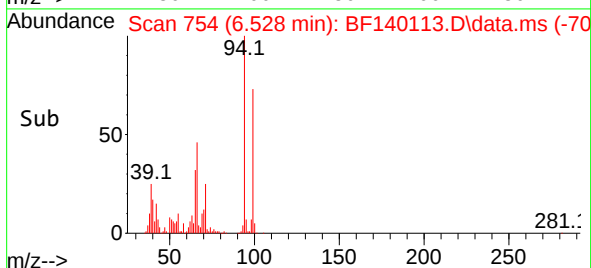
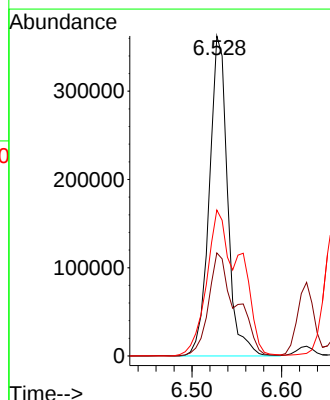
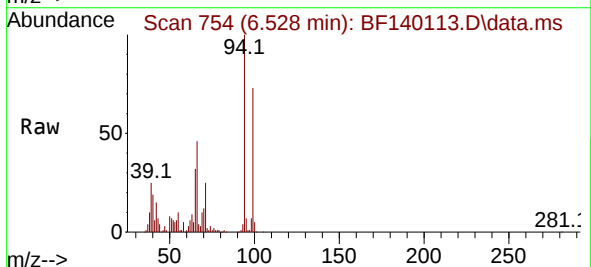
Ion	Ratio	Lower	Upper
77	100		
105	94.5	75.5	115.5
106	90.5	71.7	111.7



#10
Phenol
Concen: 38.991 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion: 94 Resp: 513272

Ion	Ratio	Lower	Upper
94	100		
65	32.2	11.1	51.1
66	45.6	22.7	62.7





#11

bis(2-Chloroethyl)ether

Concen: 38.407 ng

RT: 6.628 min Scan# 771

Delta R.T. 0.000 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

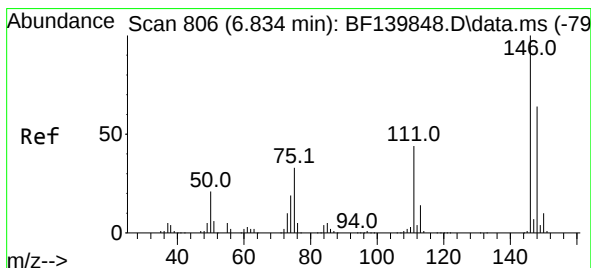
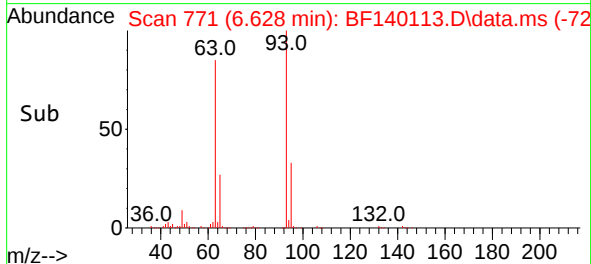
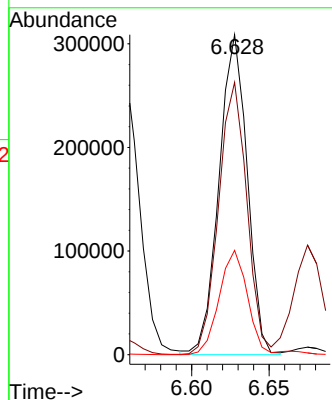
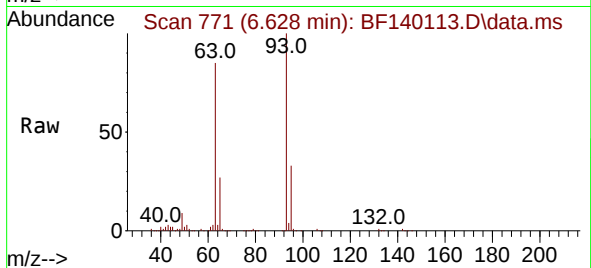
Tgt Ion: 93 Resp: 390779

Ion Ratio Lower Upper

93 100

63 85.1 65.0 105.0

95 32.6 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 39.455 ng

RT: 6.834 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

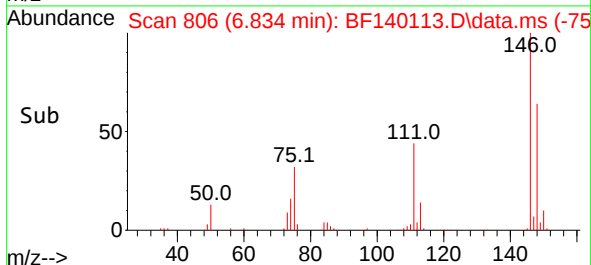
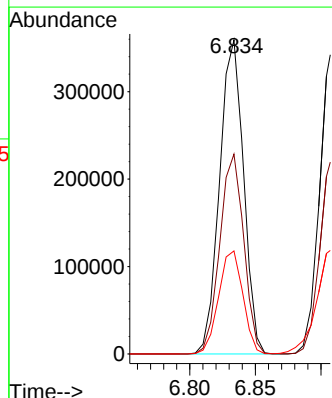
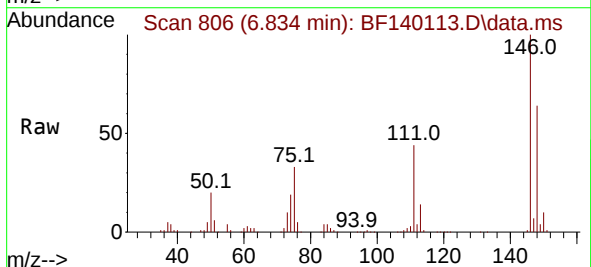
Tgt Ion:146 Resp: 456471

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

75 32.9 26.4 39.6

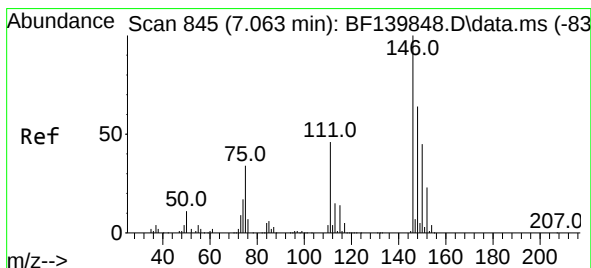
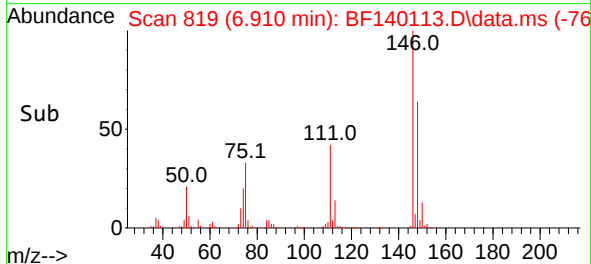
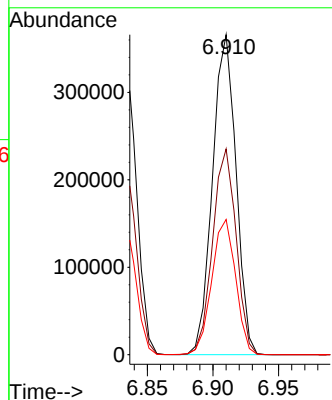
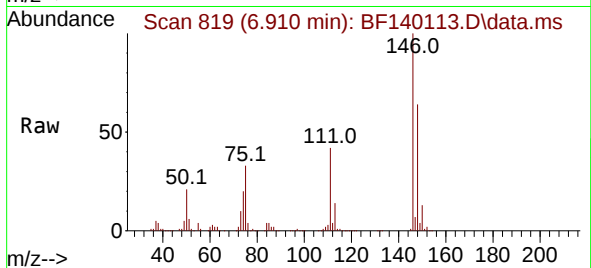




#13
1,4-Dichlorobenzene
Concen: 39.556 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

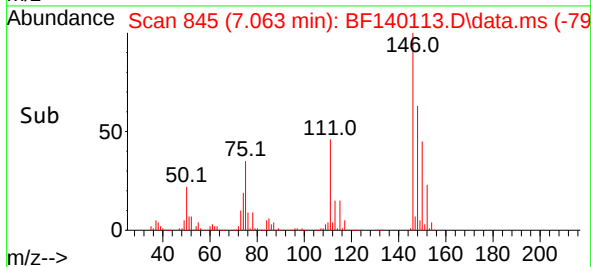
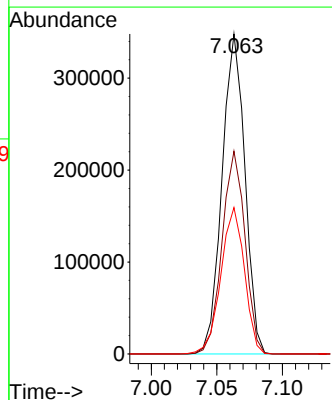
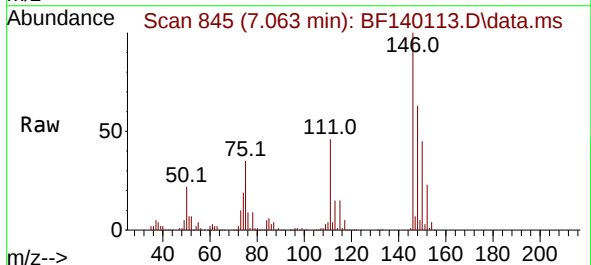
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 457203
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
111 42.3 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 39.046 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion:146 Resp: 421208
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.2
111 45.8 36.7 55.1

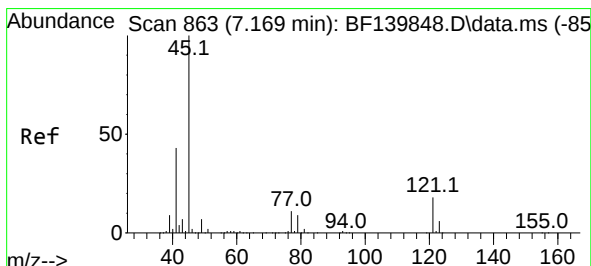
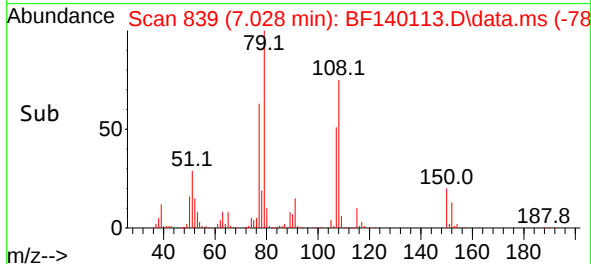
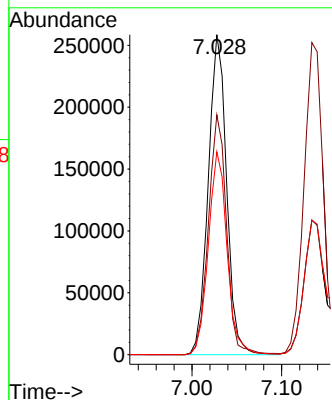
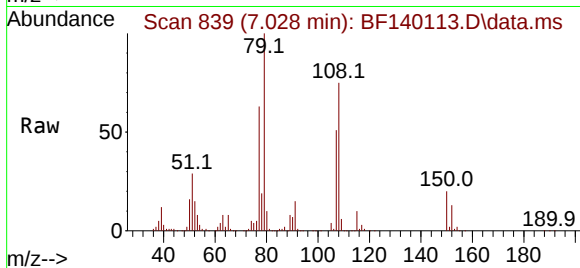




#15
Benzyl Alcohol
Concen: 39.269 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

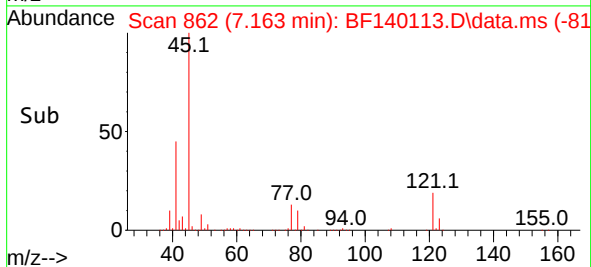
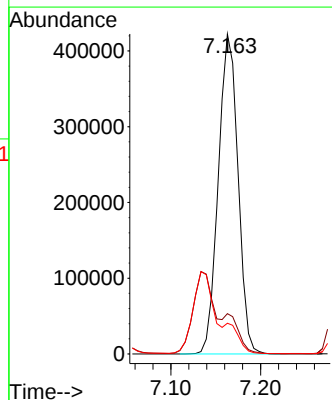
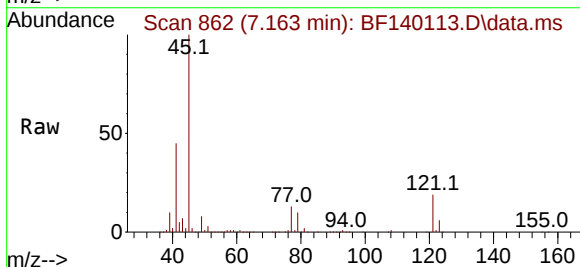
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

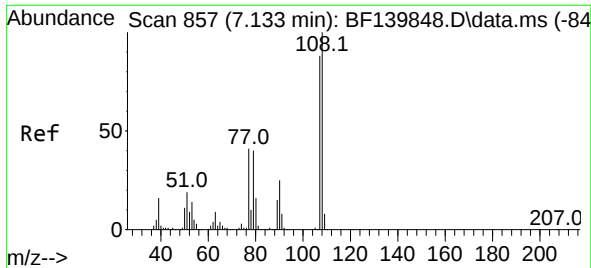
Tgt Ion: 79 Resp: 367803
Ion Ratio Lower Upper
79 100
108 75.0 61.4 92.0
77 63.4 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.062 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion: 45 Resp: 642999
Ion Ratio Lower Upper
45 100
77 12.6 0.0 31.5
79 9.6 0.0 29.1



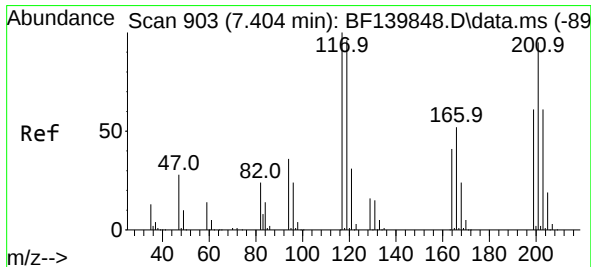
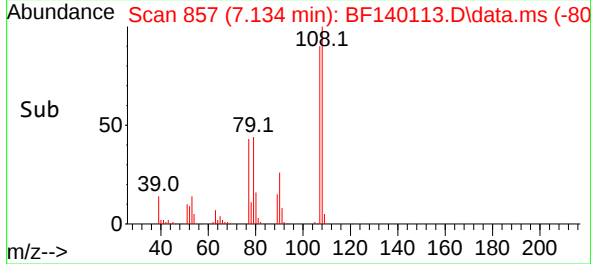
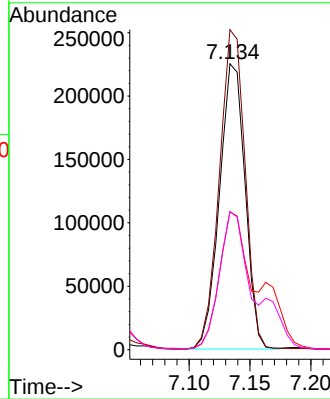
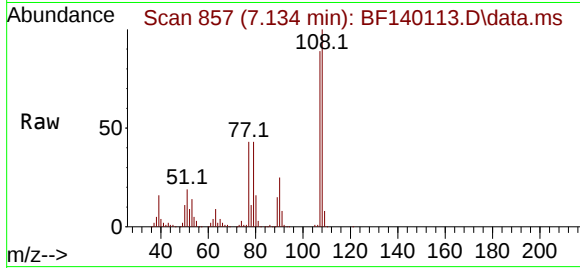


#17
2-Methylphenol
Concen: 38.339 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 329484

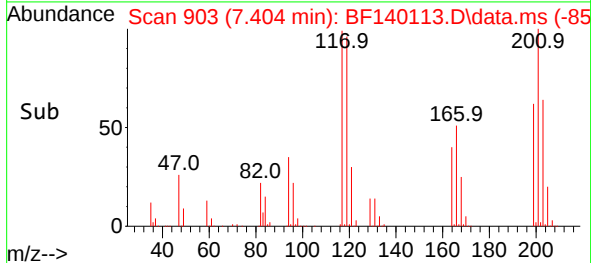
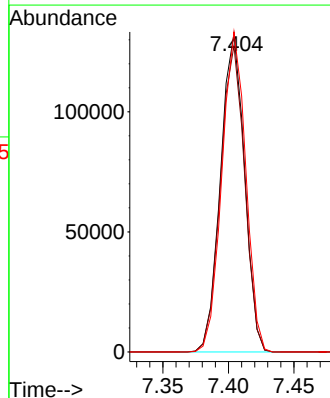
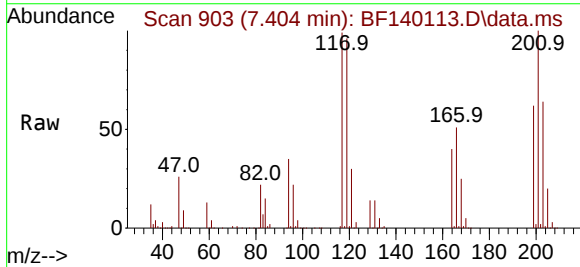
Ion	Ratio	Lower	Upper
107	100		
108	111.9	91.3	136.9
77	48.2	37.1	55.7
79	48.2	37.0	55.6

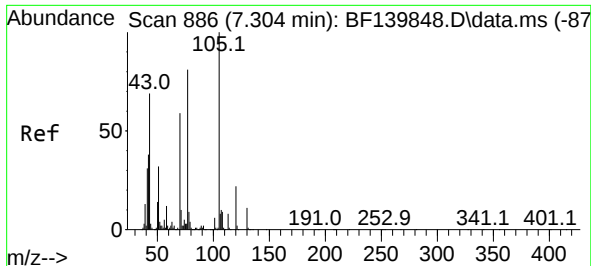


#18
Hexachloroethane
Concen: 40.829 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion:117 Resp: 168286

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.0	115.4
201	100.6	76.2	114.4



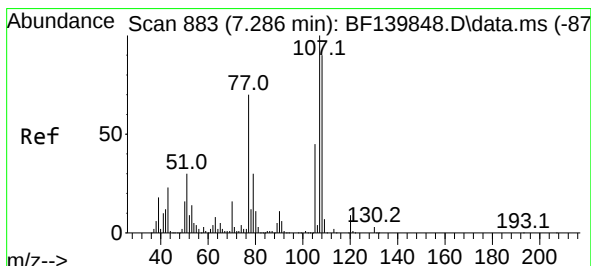
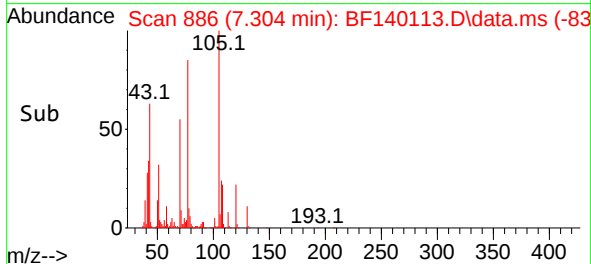
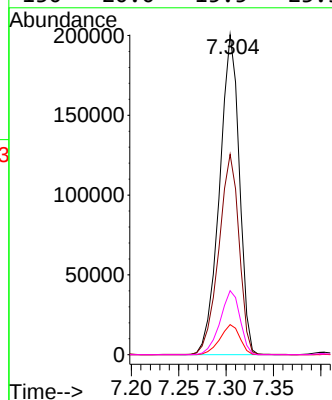
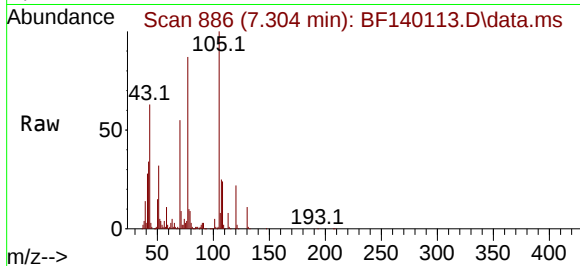


#19
n-Nitroso-di-n-propylamine
Concen: 37.718 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 292090

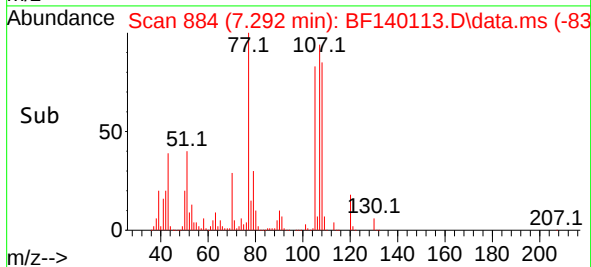
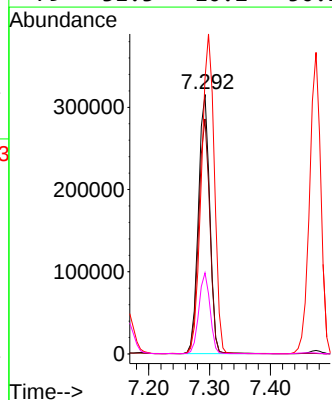
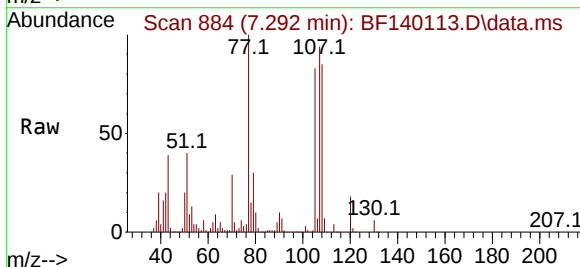
Ion	Ratio	Lower	Upper
70	100		
42	62.6	51.5	77.3
101	9.4	7.5	11.3
130	20.0	15.5	23.3



#20
3+4-Methylphenols
Concen: 37.015 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion: 107 Resp: 406879

Ion	Ratio	Lower	Upper
107	100		
108	90.5	69.8	109.8
77	106.0	50.5	90.5#
79	31.3	10.2	50.2



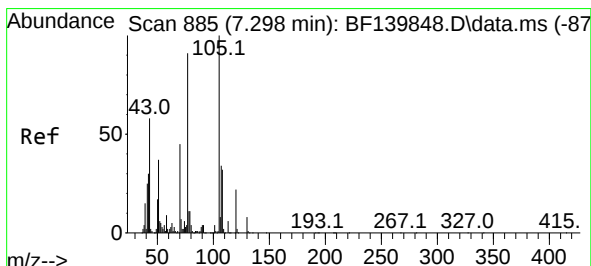
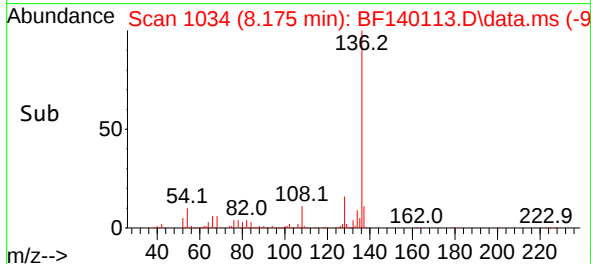
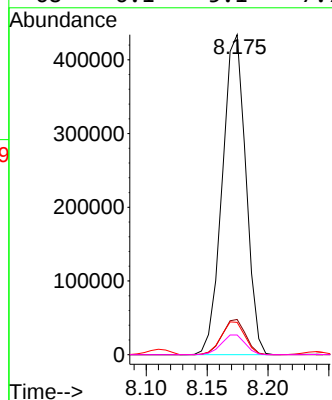
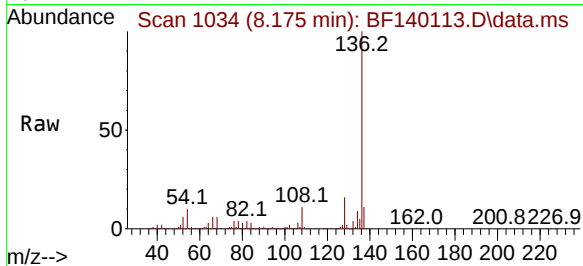


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 582321

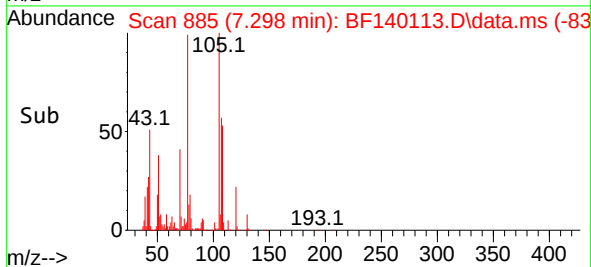
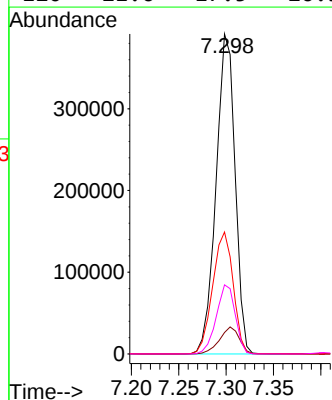
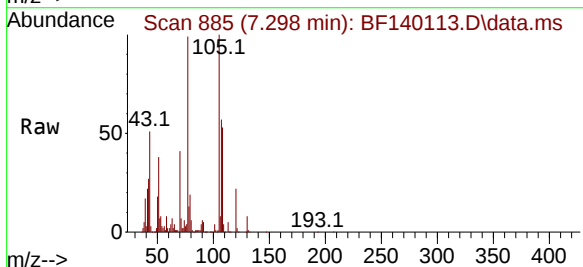
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.1	8.4	12.6
68	6.1	5.1	7.7

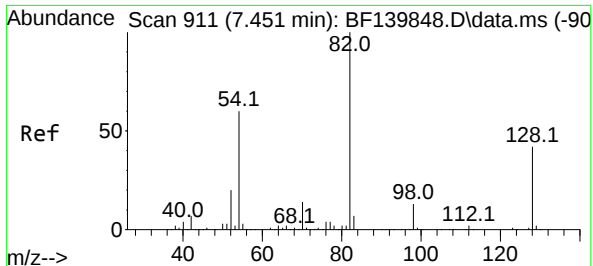


#22
Acetophenone
Concen: 38.355 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion:105 Resp: 547054

Ion	Ratio	Lower	Upper
105	100		
71	6.7	5.9	8.9
51	38.1	29.4	44.2
120	21.6	17.5	26.3





#23

Nitrobenzene-d5

Concen: 84.824 ng

RT: 7.457 min Scan# 911

Delta R.T. 0.006 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

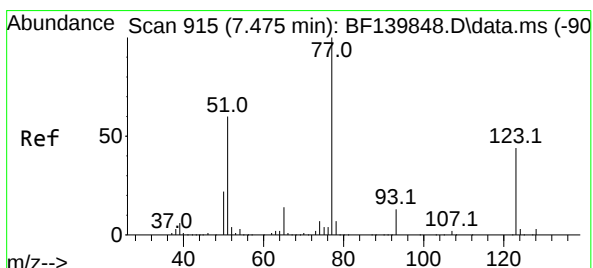
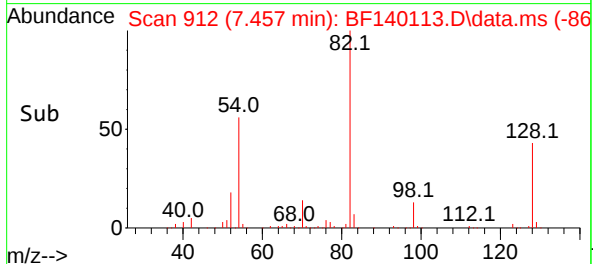
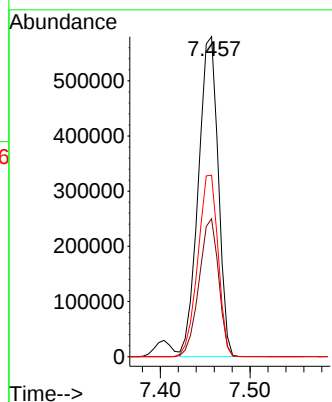
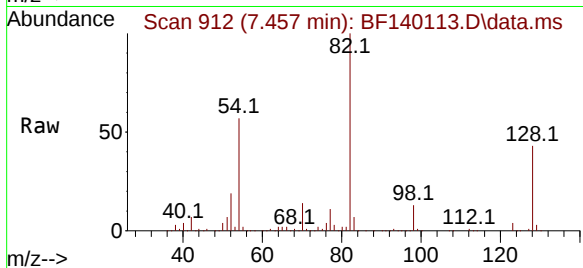
Tgt Ion: 82 Resp: 891222

Ion Ratio Lower Upper

82 100

128 43.1 33.4 50.0

54 56.7 47.8 71.8



#24

Nitrobenzene

Concen: 40.619 ng

RT: 7.475 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

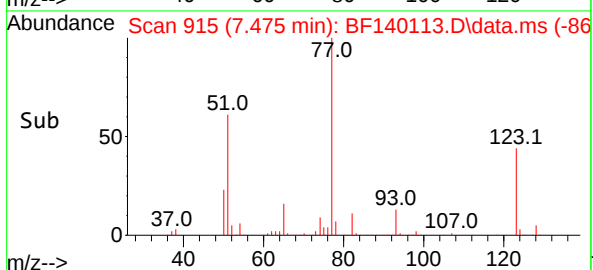
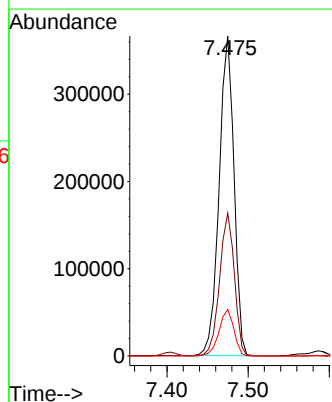
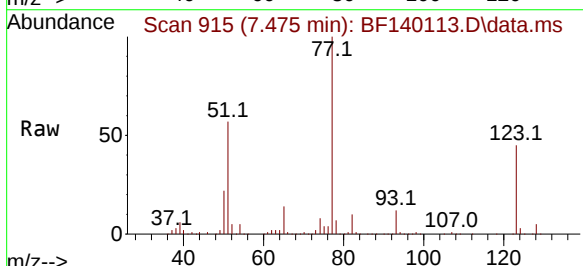
Tgt Ion: 77 Resp: 467909

Ion Ratio Lower Upper

77 100

123 44.6 35.7 53.5

65 14.5 11.5 17.3

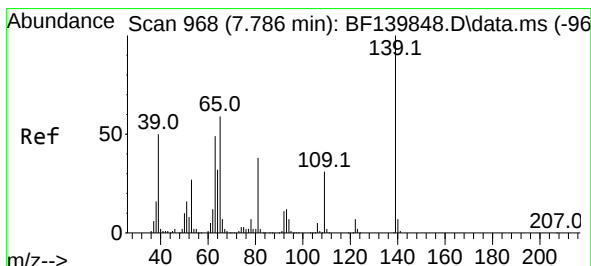
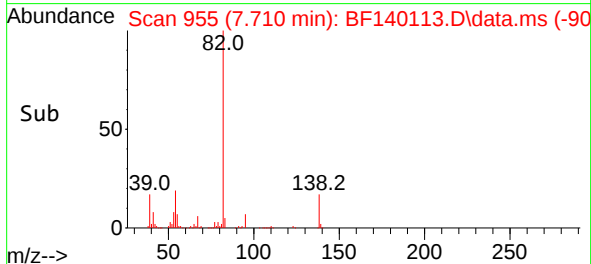
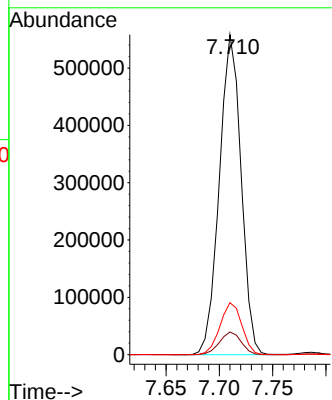
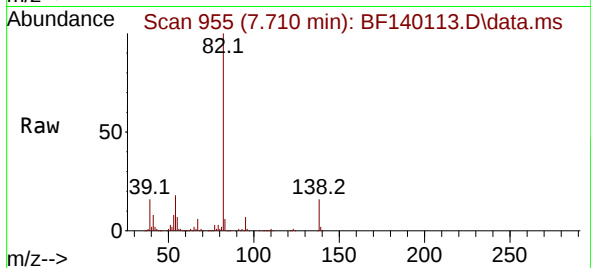




#25
Isophorone
Concen: 39.719 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

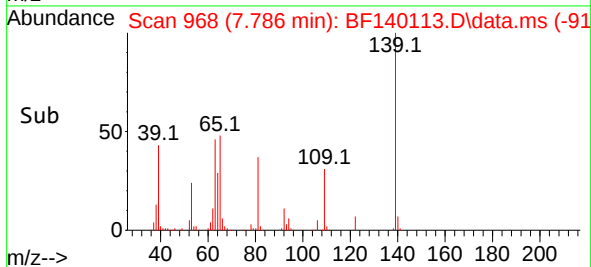
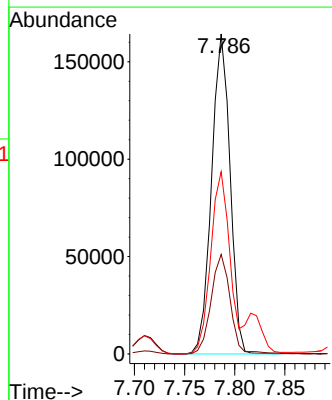
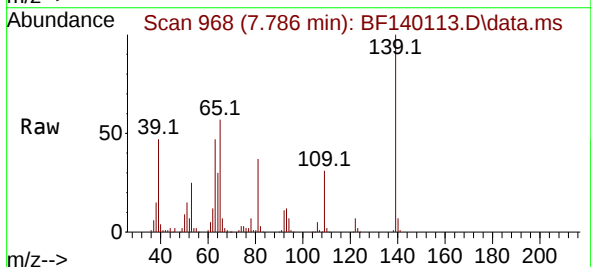
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 792075
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.3 13.2 19.8



#26
2-Nitrophenol
Concen: 48.523 ng
RT: 7.786 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion:139 Resp: 210871
Ion Ratio Lower Upper
139 100
109 31.1 25.1 37.7
65 56.9 47.5 71.3

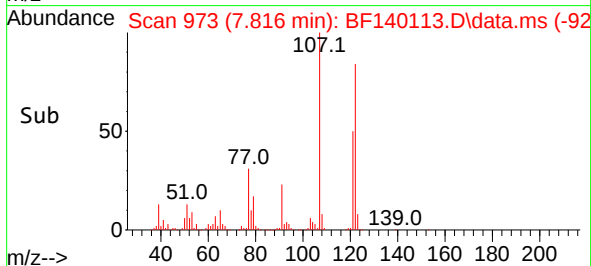
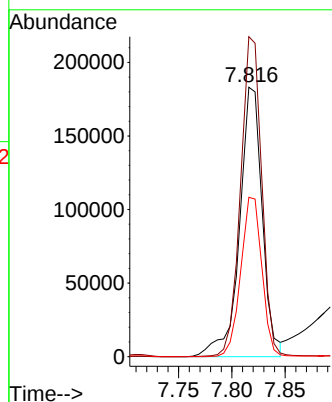
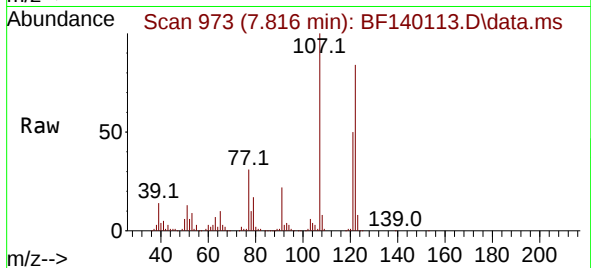




#27
2,4-Dimethylphenol
Concen: 37.513 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

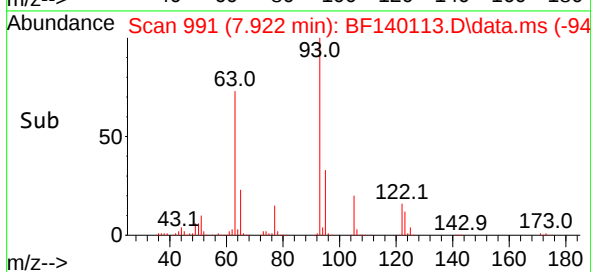
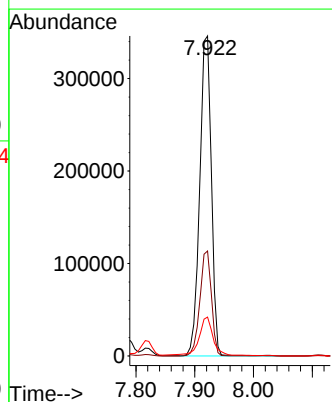
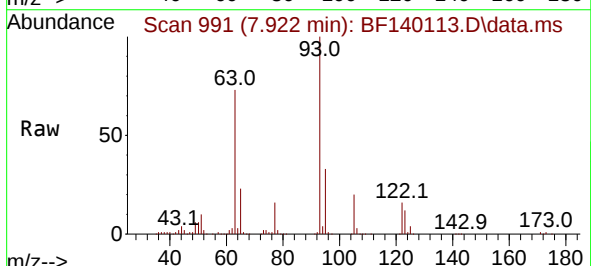
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 271833
Ion Ratio Lower Upper
122 100
107 118.7 91.9 137.9
121 59.2 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.356 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion: 93 Resp: 475498
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 12.2 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 39.735 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

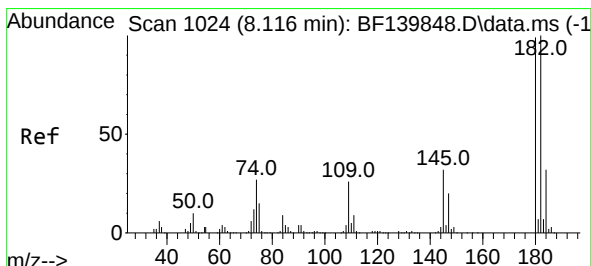
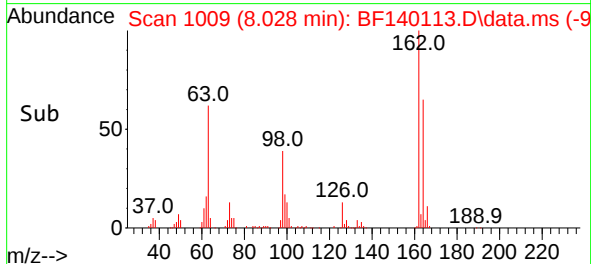
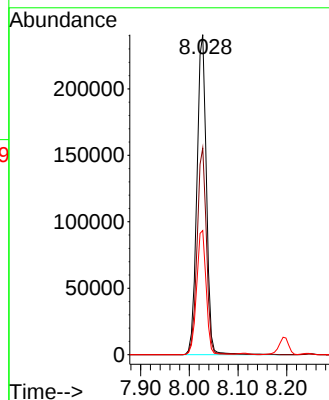
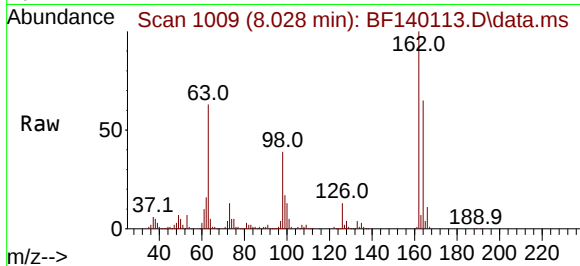
Tgt Ion:162 Resp: 327963

Ion Ratio Lower Upper

162 100

164 64.6 43.9 83.9

98 38.8 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 40.281 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

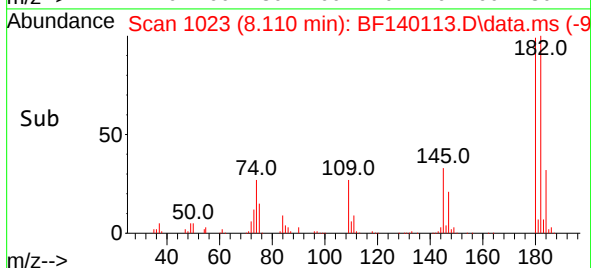
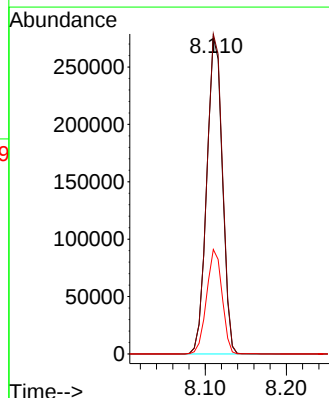
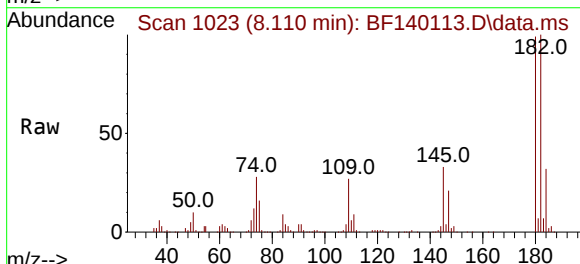
Tgt Ion:180 Resp: 367887

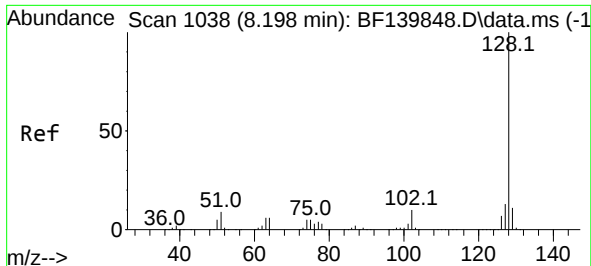
Ion Ratio Lower Upper

180 100

182 100.8 80.5 120.7

145 32.9 25.4 38.0

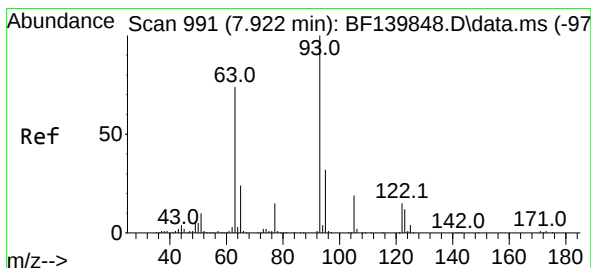
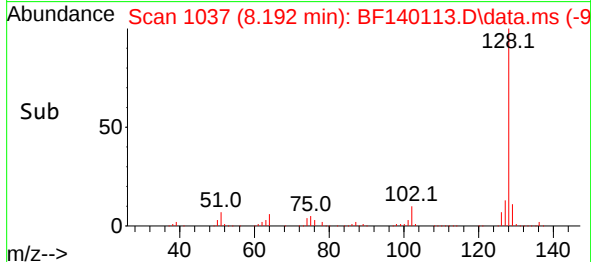
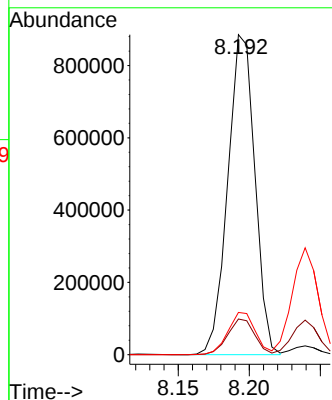
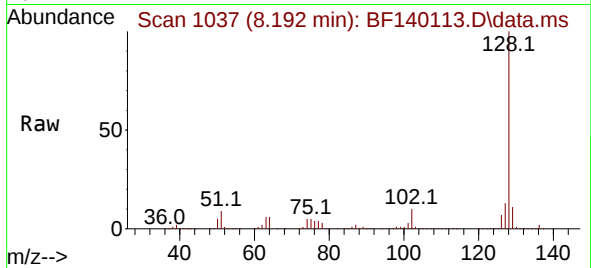




#31
Naphthalene
Concen: 39.150 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

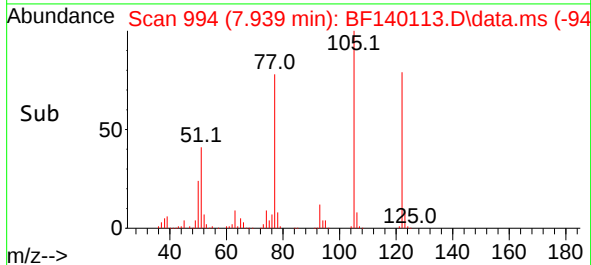
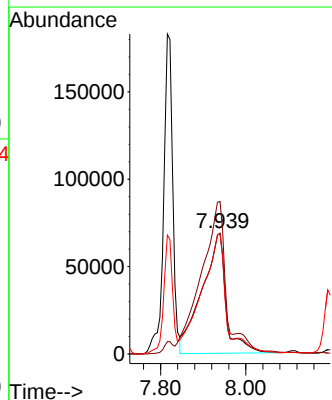
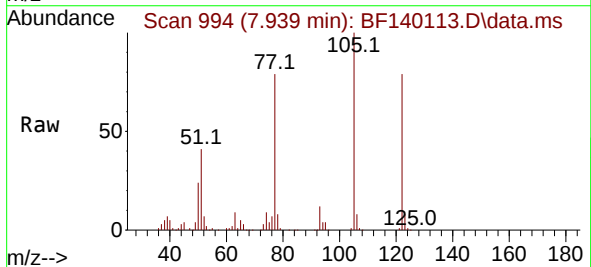
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1175766
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 42.786 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.017 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion:122 Resp: 270416
Ion Ratio Lower Upper
122 100
105 126.2 107.6 147.6
77 99.4 80.2 120.2

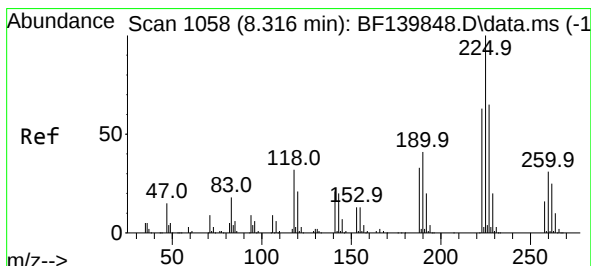
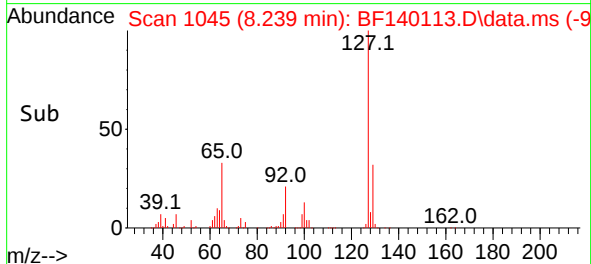
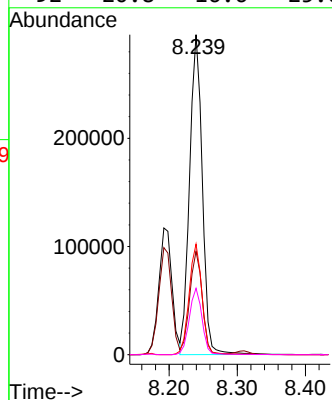
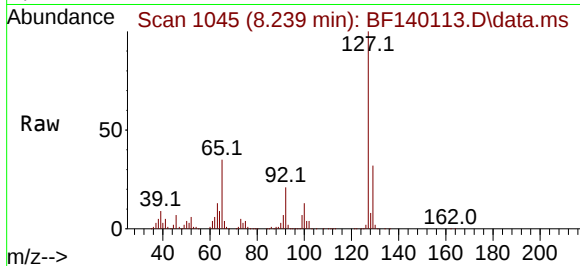




#33
4-Chloroaniline
Concen: 37.392 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

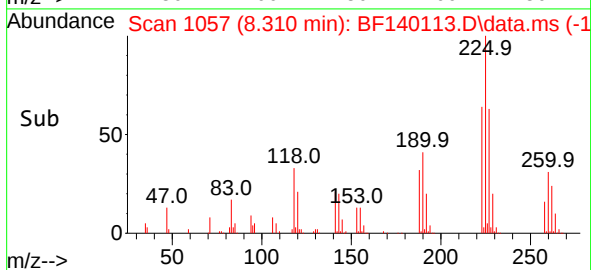
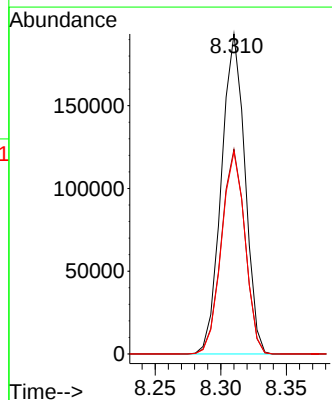
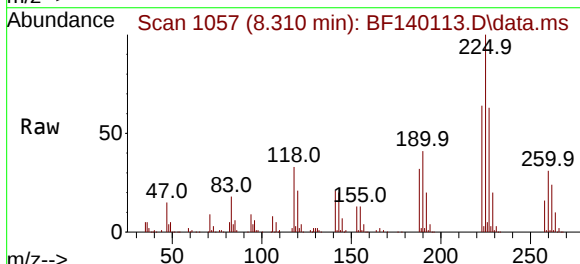
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

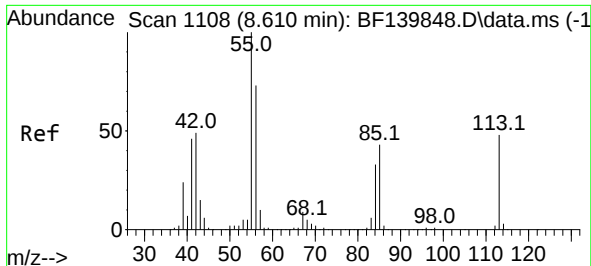
Tgt Ion:	127	Resp:	382919
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.2
65	34.6	28.4	42.6
92	20.8	16.6	25.0



#34
Hexachlorobutadiene
Concen: 42.045 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion:	225	Resp:	241270
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	63.1	51.8	77.8

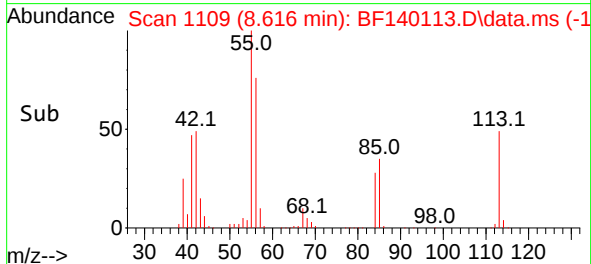
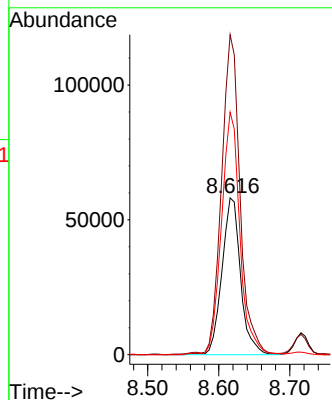
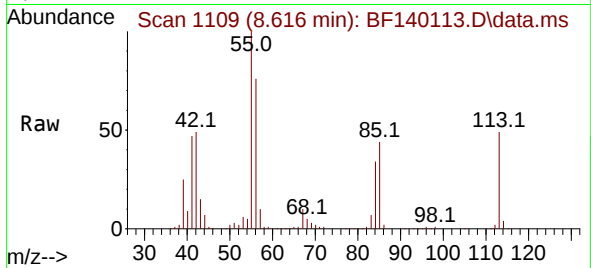




#35
 Caprolactam
 Concen: 40.322 ng
 RT: 8.616 min Scan# 1108
 Delta R.T. 0.006 min
 Lab File: BF140113.D
 Acq: 29 Oct 2024 16:01

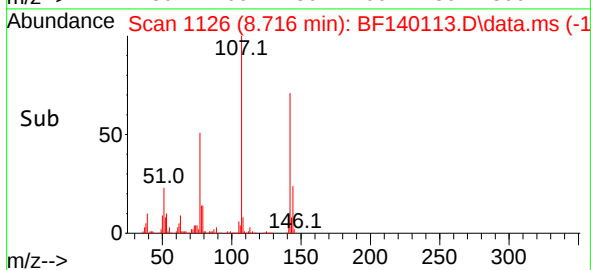
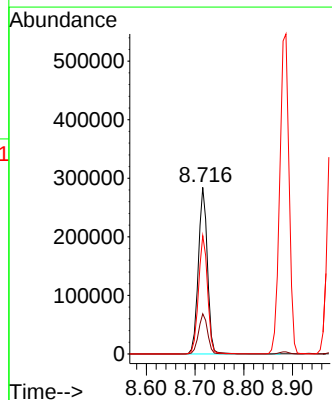
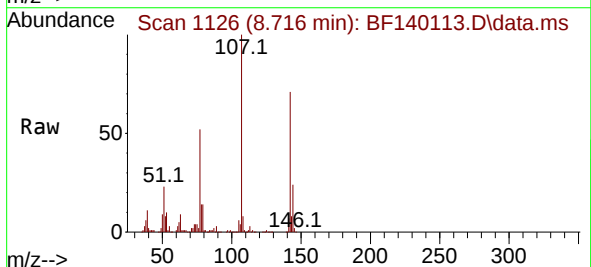
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

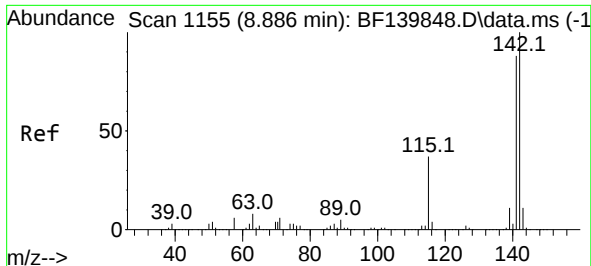
Tgt Ion:113 Resp: 105823
 Ion Ratio Lower Upper
 113 100
 55 204.0 189.2 229.2
 56 154.7 132.5 172.5



#36
 4-Chloro-3-methylphenol
 Concen: 40.534 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF140113.D
 Acq: 29 Oct 2024 16:01

Tgt Ion:107 Resp: 370459
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.1 28.7
 142 70.9 57.2 85.8





#37

2-Methylnaphthalene

Concen: 39.586 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

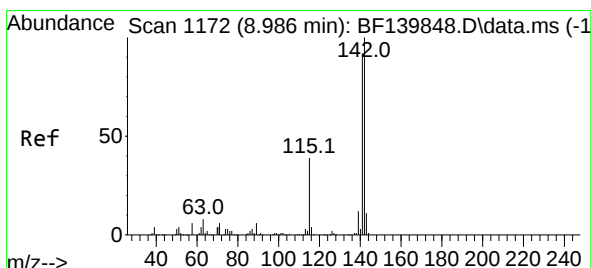
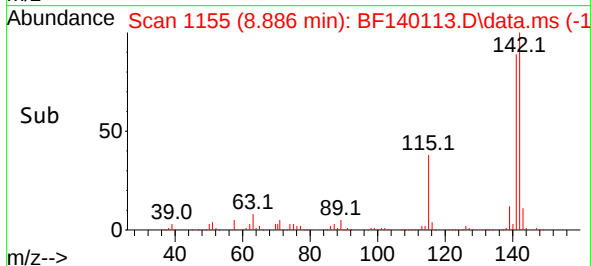
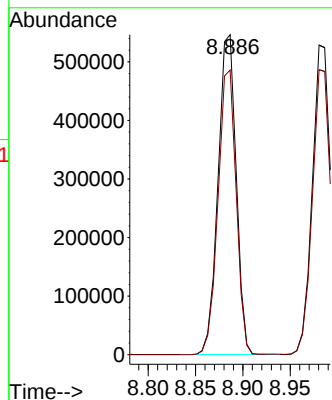
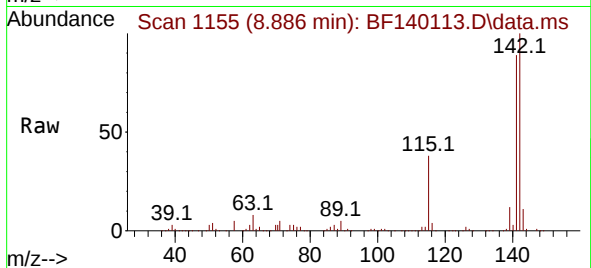
SSTDCCC040

Tgt Ion:142 Resp: 728121

Ion Ratio Lower Upper

142 100

141 89.0 70.8 106.2



#38

1-Methylnaphthalene

Concen: 39.213 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF140113.D

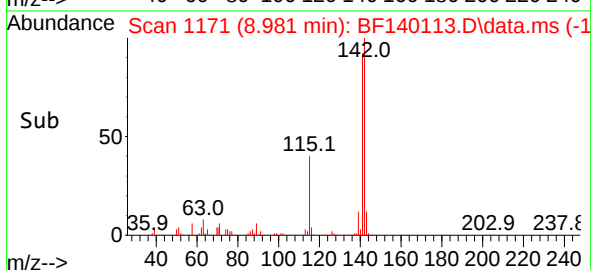
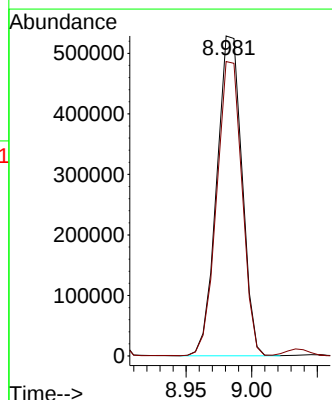
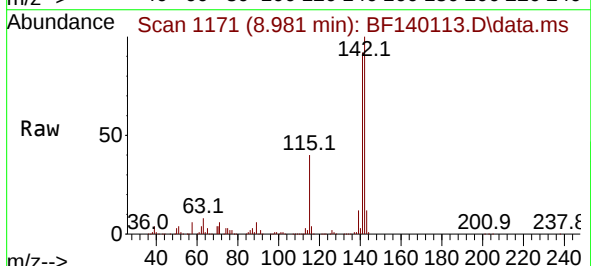
Acq: 29 Oct 2024 16:01

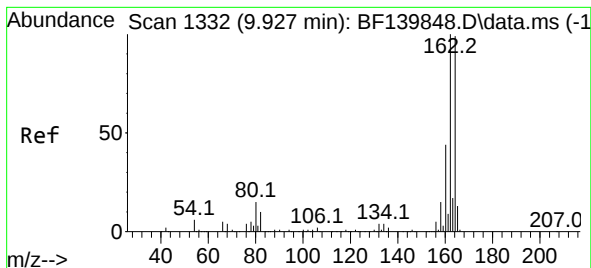
Tgt Ion:142 Resp: 707632

Ion Ratio Lower Upper

142 100

141 92.0 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1183

Delta R.T. 0.001 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

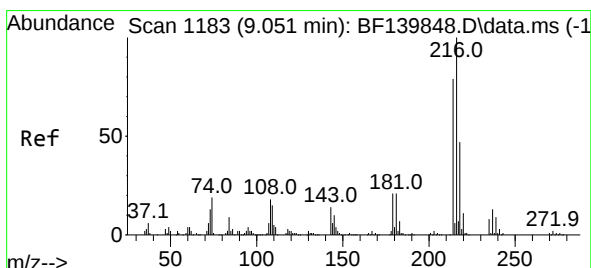
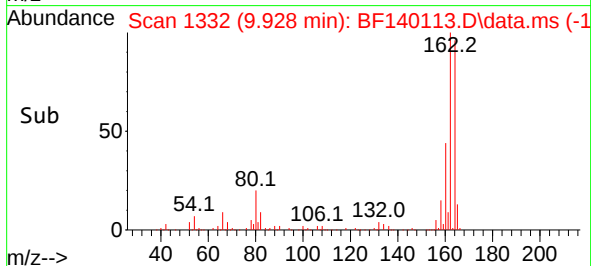
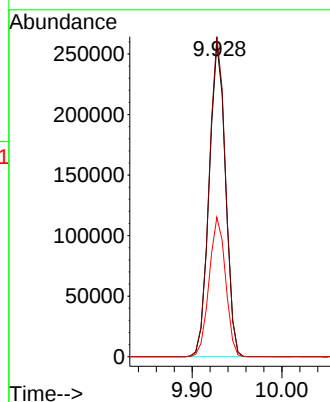
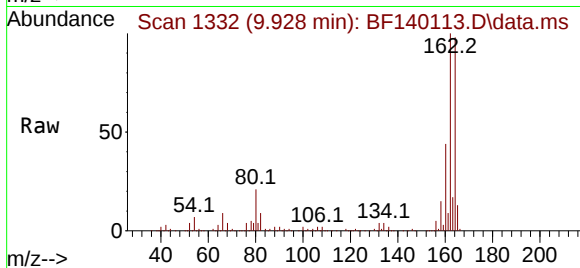
Tgt Ion:164 Resp: 326390

Ion Ratio Lower Upper

164 100

162 102.3 81.0 121.4

160 44.6 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.953 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

Tgt Ion:216 Resp: 360611

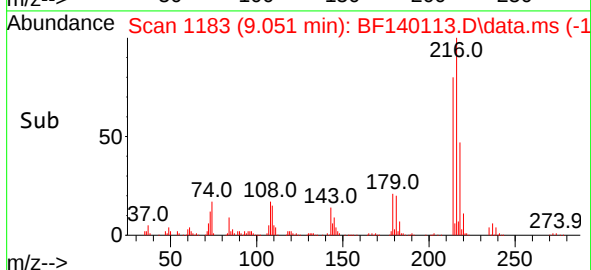
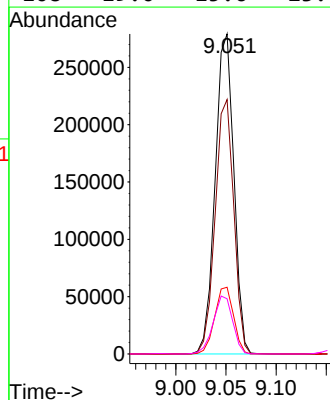
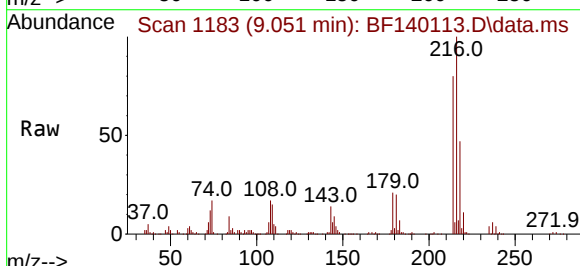
Ion Ratio Lower Upper

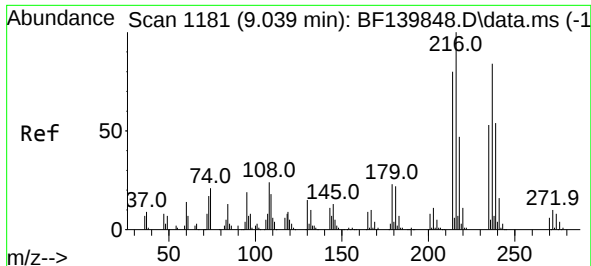
216 100

214 79.4 63.4 95.0

179 21.1 17.2 25.8

108 19.0 15.6 23.4

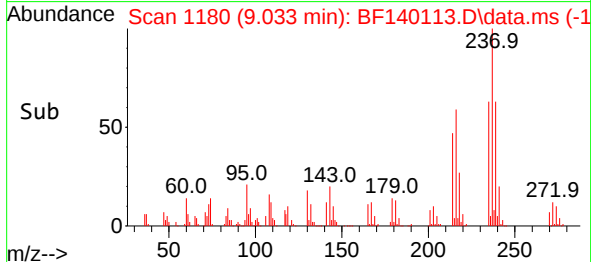
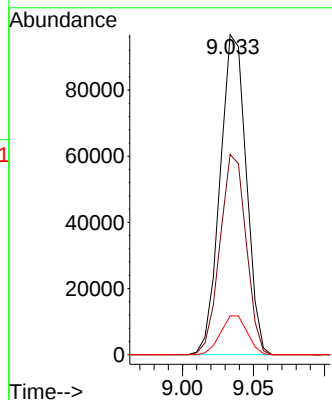
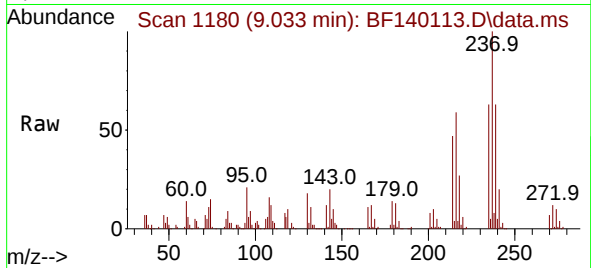




#41
Hexachlorocyclopentadiene
Concen: 40.499 ng
RT: 9.033 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

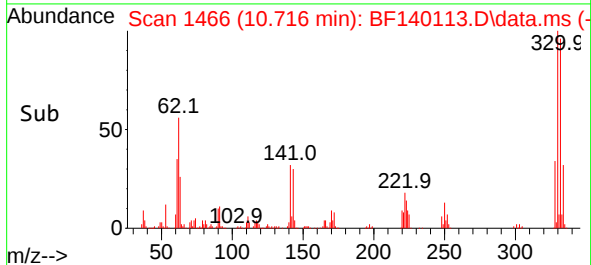
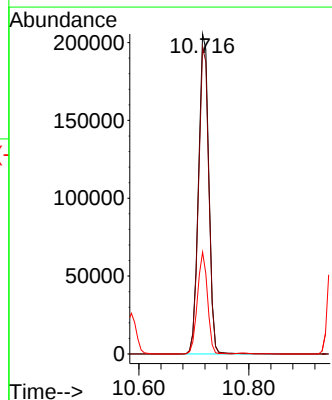
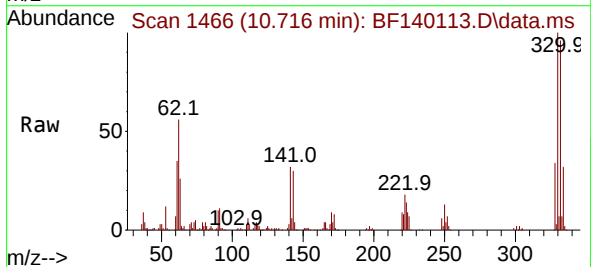
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 124083
Ion Ratio Lower Upper
237 100
235 62.6 42.9 82.9
272 12.1 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 87.674 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion:330 Resp: 267663
Ion Ratio Lower Upper
330 100
332 95.5 78.1 117.1
141 31.0 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 39.456 ng

RT: 9.157 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140113.D

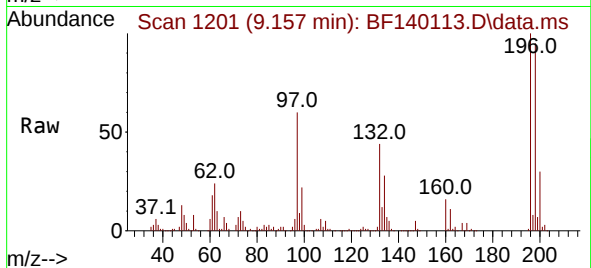
Acq: 29 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



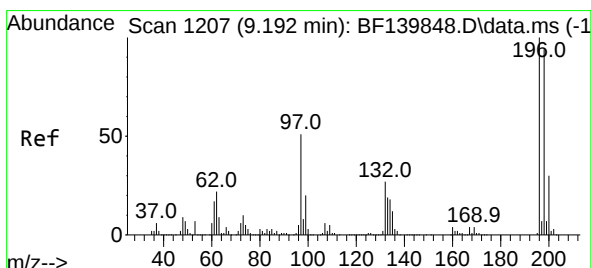
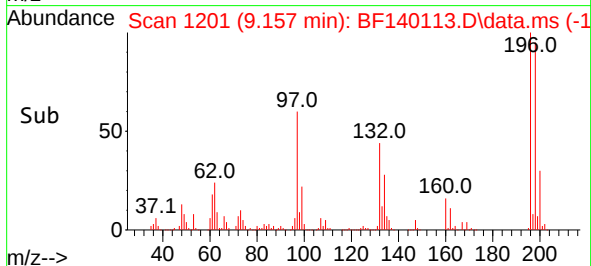
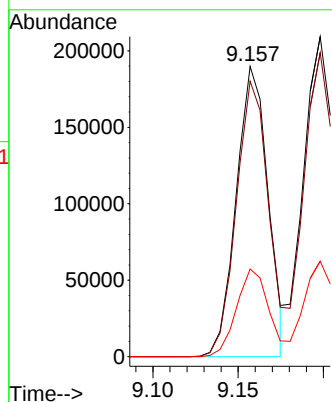
Tgt Ion:196 Resp: 245975

Ion Ratio Lower Upper

196 100

198 94.9 76.2 114.2

200 30.2 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 42.243 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

Tgt Ion:196 Resp: 271707

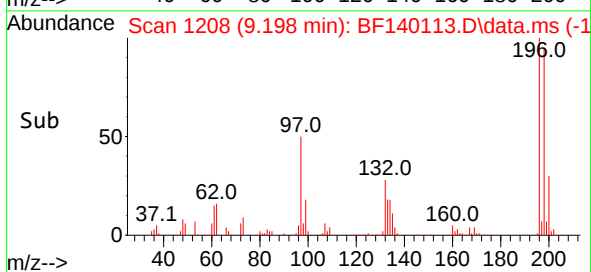
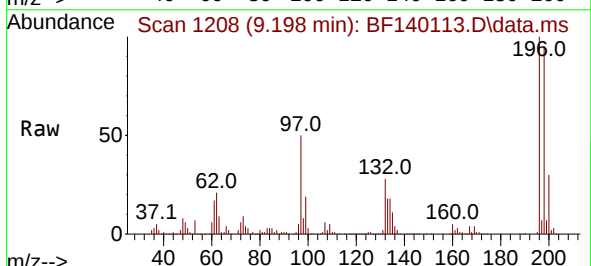
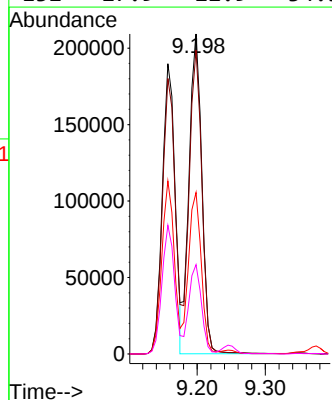
Ion Ratio Lower Upper

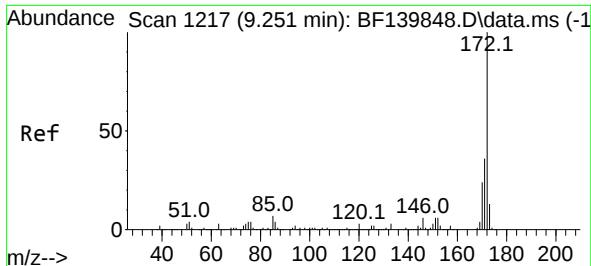
196 100

198 95.0 75.8 113.6

97 50.5 41.8 62.6

132 27.9 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 78.623 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

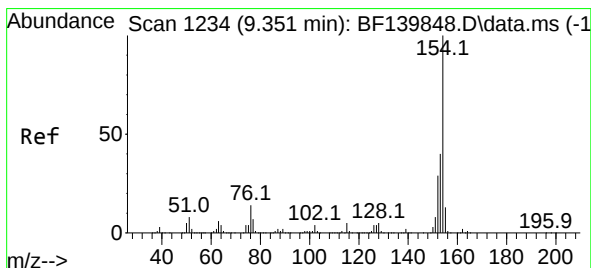
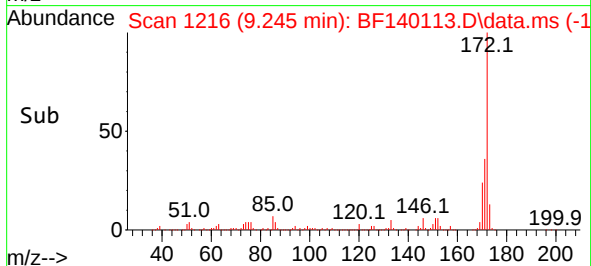
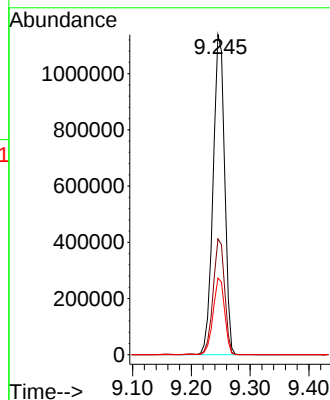
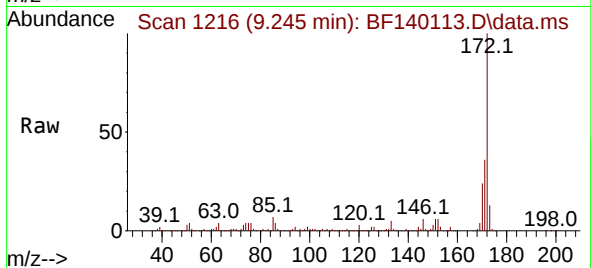
Tgt Ion:172 Resp: 1552720

Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

170 23.9 19.1 28.7



#46

1,1'-Biphenyl

Concen: 39.415 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

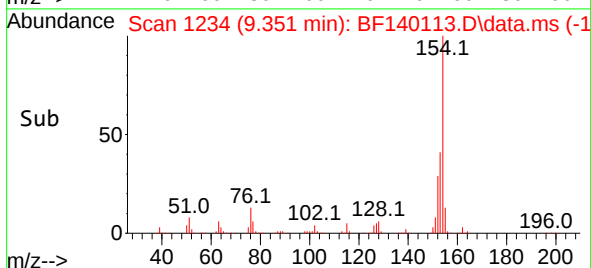
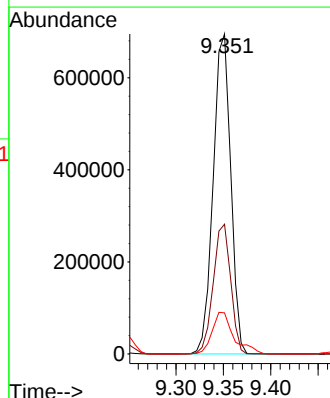
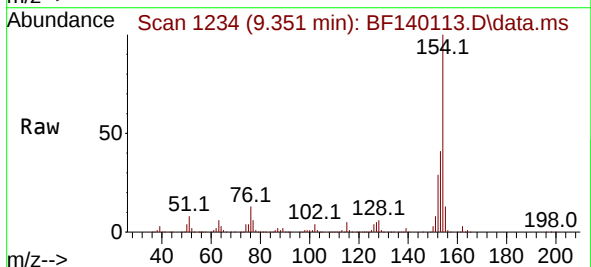
Tgt Ion:154 Resp: 895579

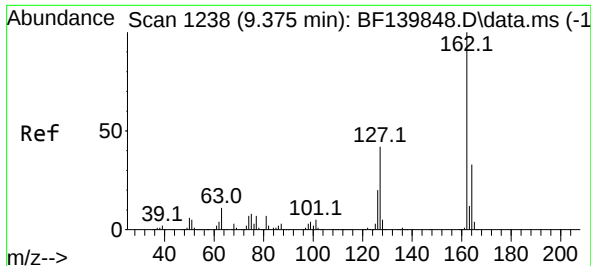
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 12.9 0.0 33.9





#47

2-Chloronaphthalene

Concen: 39.365 ng

RT: 9.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

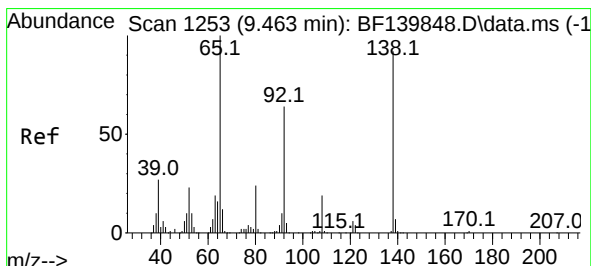
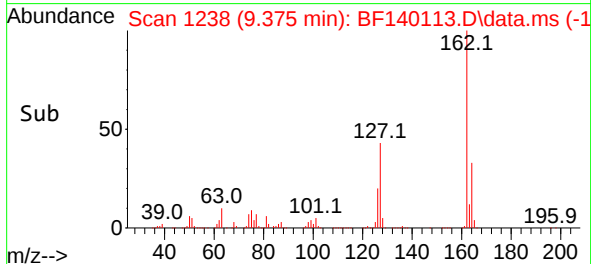
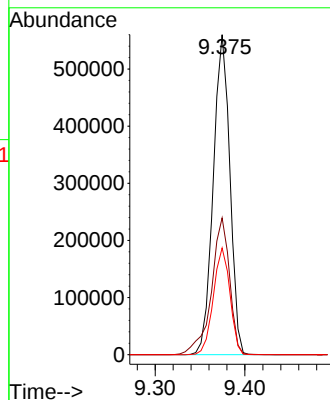
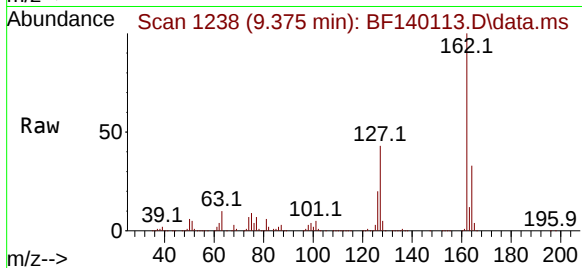
Tgt Ion:162 Resp: 720392

Ion Ratio Lower Upper

162 100

127 42.8 33.8 50.6

164 33.3 26.6 39.8



#48

2-Nitroaniline

Concen: 44.457 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

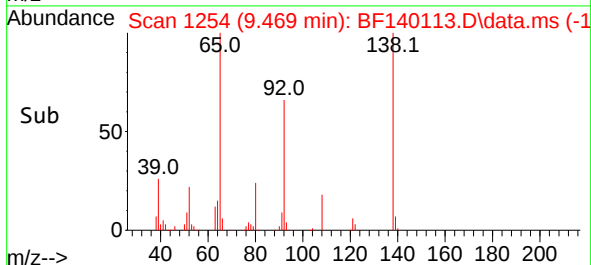
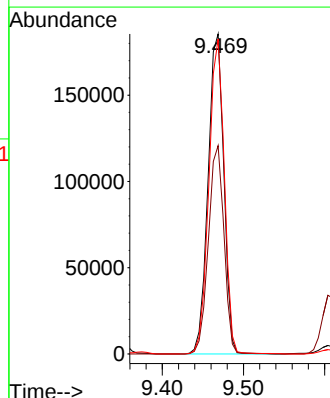
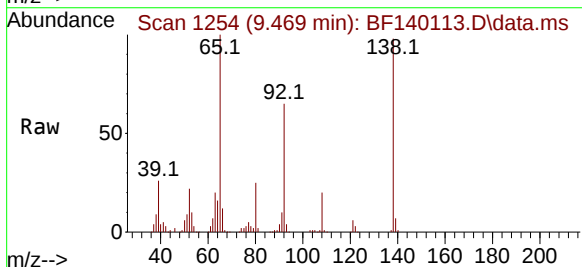
Tgt Ion: 65 Resp: 248826

Ion Ratio Lower Upper

65 100

92 65.1 50.9 76.3

138 98.4 73.4 110.0





#49

Acenaphthylene

Concen: 39.447 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

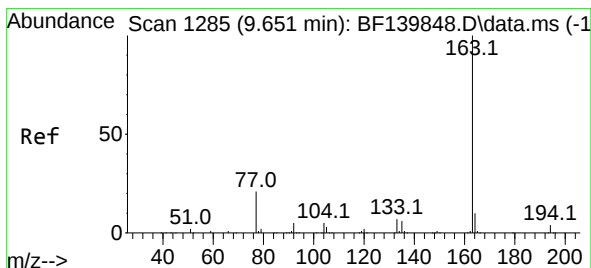
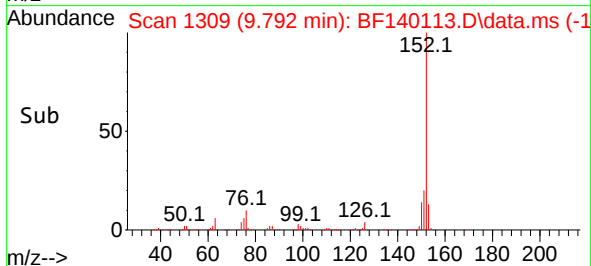
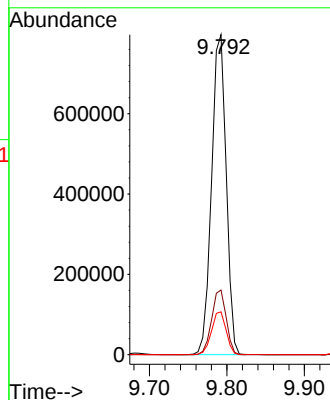
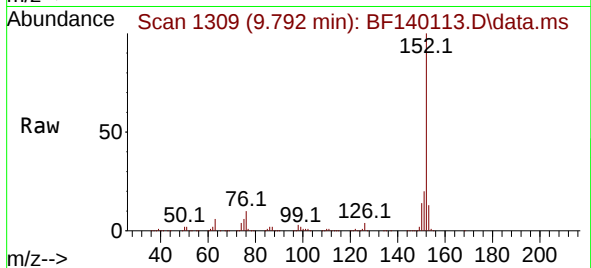
Tgt Ion:152 Resp: 1043630

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.4 10.7 16.1



#50

Dimethylphthalate

Concen: 40.570 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

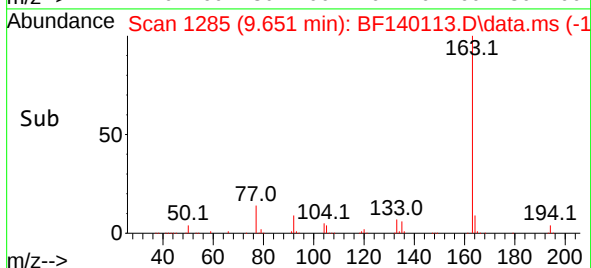
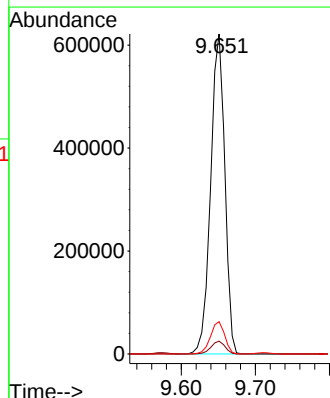
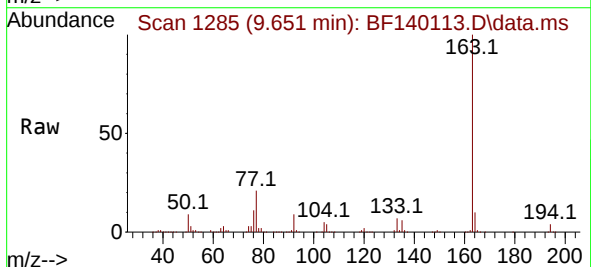
Tgt Ion:163 Resp: 824802

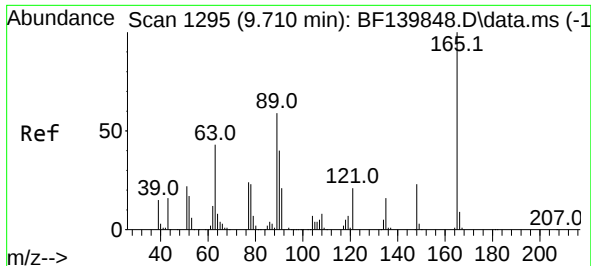
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.1 8.2 12.2

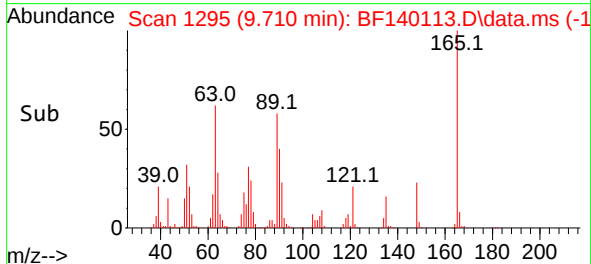
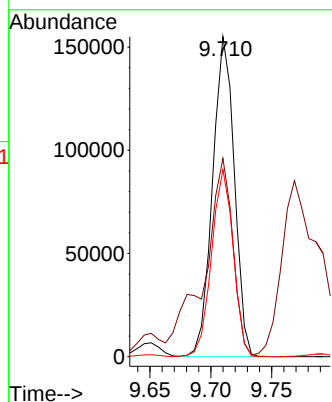
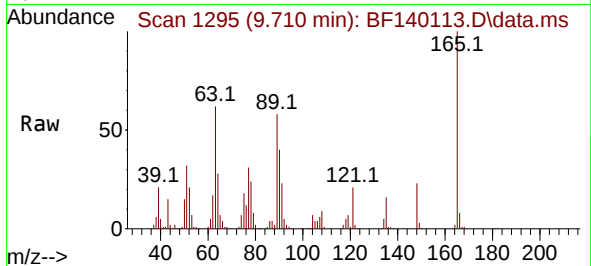




#51
2,6-Dinitrotoluene
Concen: 43.855 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

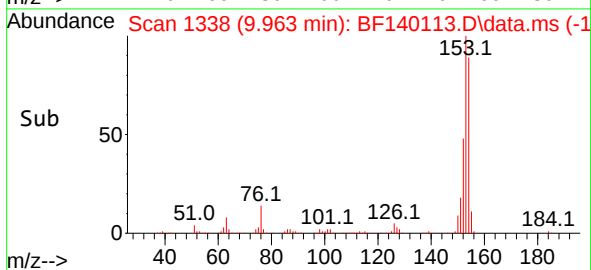
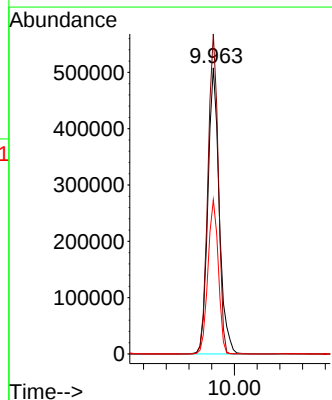
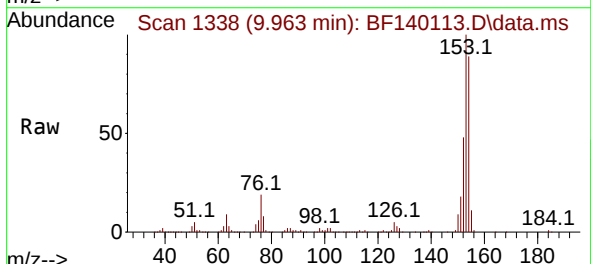
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

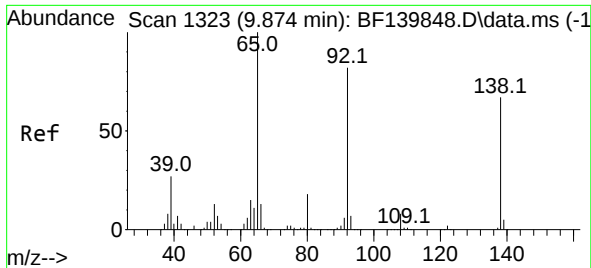
Tgt Ion:165 Resp: 193043
Ion Ratio Lower Upper
165 100
63 62.0 50.6 75.8
89 58.5 47.5 71.3



#52
Acenaphthene
Concen: 40.984 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion:154 Resp: 701432
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.6
152 53.9 42.4 63.6

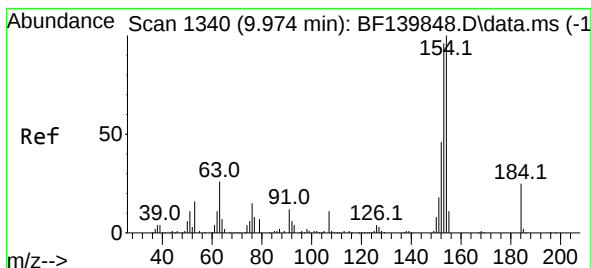
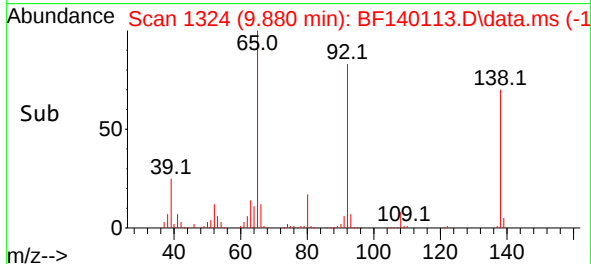
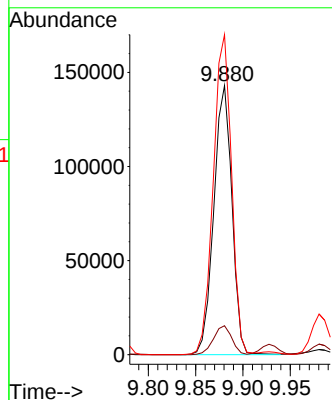
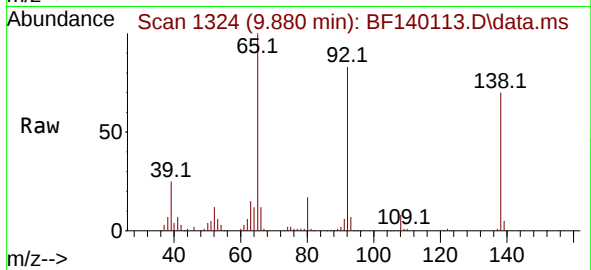




#53
3-Nitroaniline
Concen: 41.951 ng
RT: 9.880 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

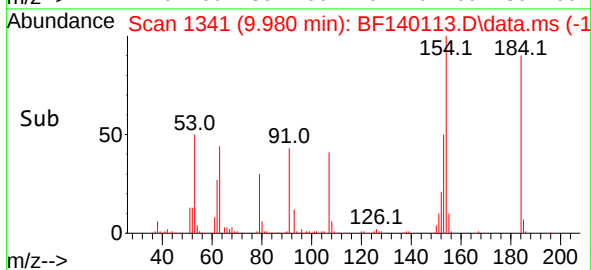
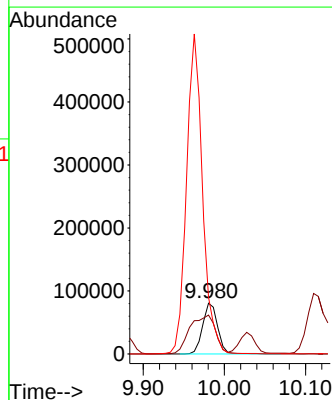
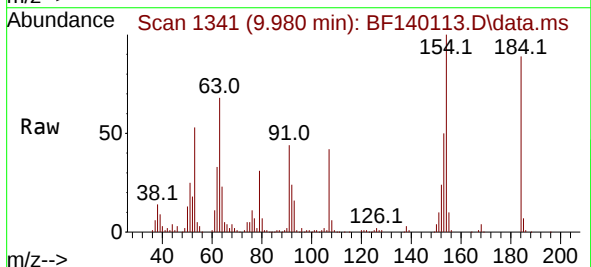
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

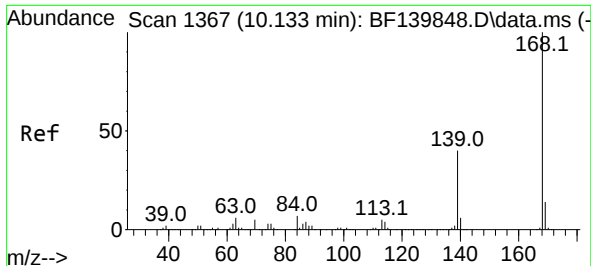
Tgt Ion:138 Resp: 190432
Ion Ratio Lower Upper
138 100
108 10.8 10.2 15.2
92 118.9 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 58.514 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion:184 Resp: 103525
Ion Ratio Lower Upper
184 100
63 76.5 84.7 127.1#
154 112.0 338.2 507.2#

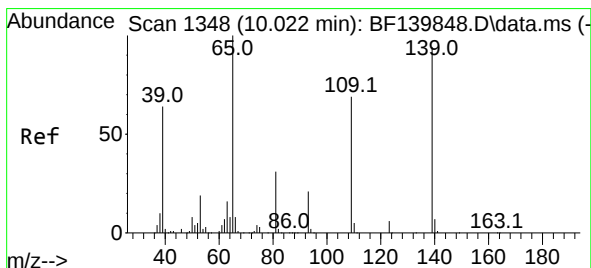
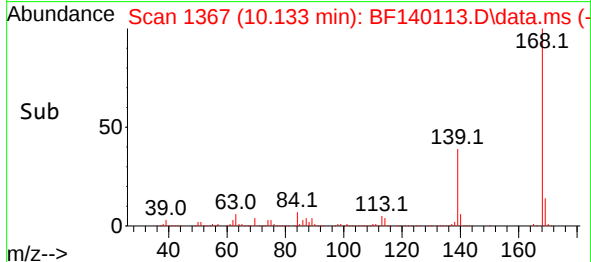
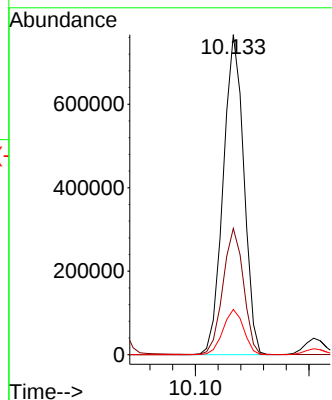
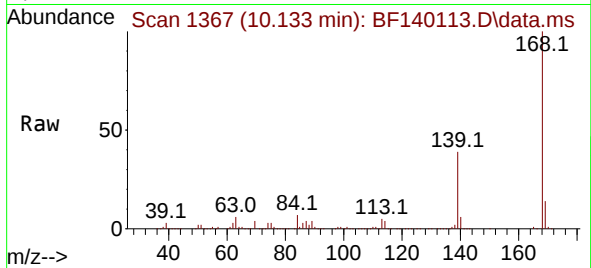




#55
Dibenzofuran
Concen: 39.355 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

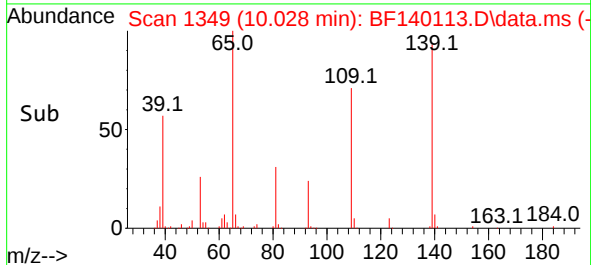
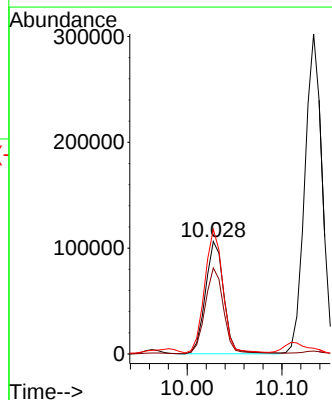
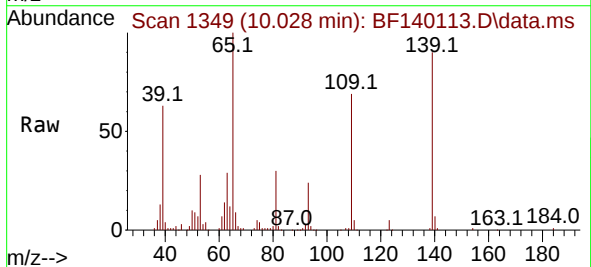
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

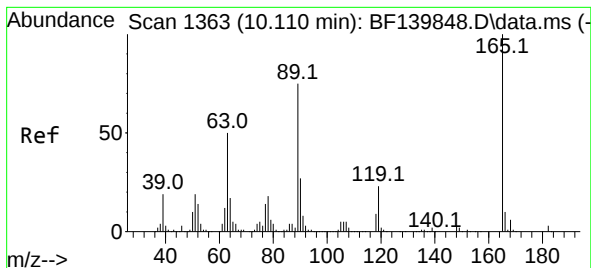
Tgt Ion:168 Resp: 966386
Ion Ratio Lower Upper
168 100
139 39.4 31.8 47.6
169 14.2 11.6 17.4



#56
4-Nitrophenol
Concen: 41.221 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion:139 Resp: 143961
Ion Ratio Lower Upper
139 100
109 76.6 53.6 93.6
65 110.8 87.8 127.8

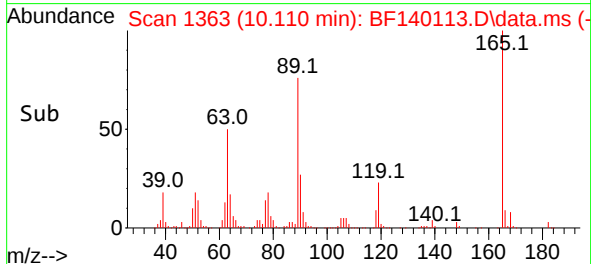
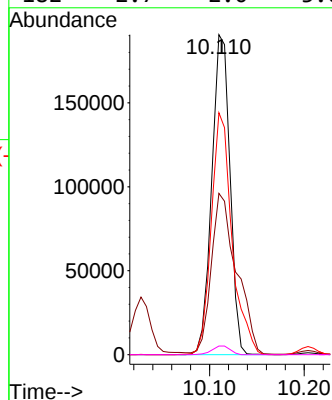
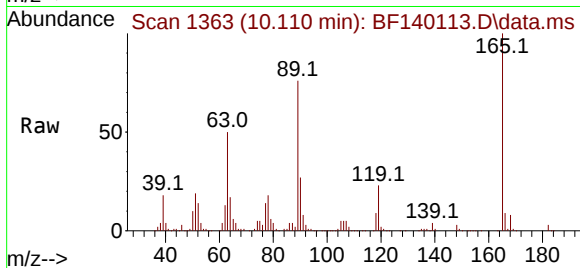




#57
2,4-Dinitrotoluene
Concen: 46.867 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

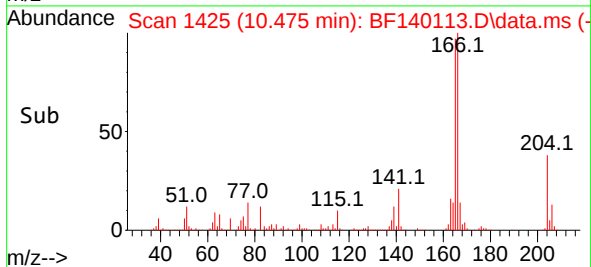
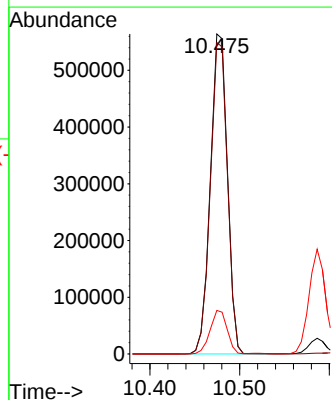
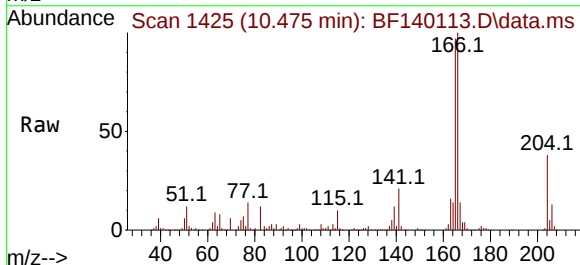
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

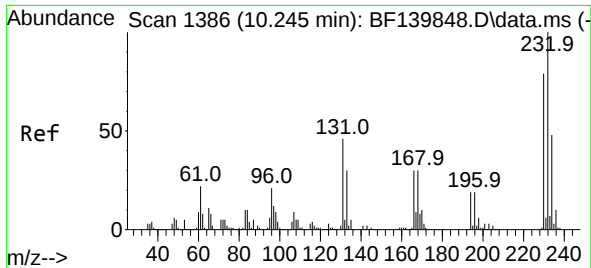
Tgt Ion:165 Resp: 253696
Ion Ratio Lower Upper
165 100
63 50.4 40.1 60.1
89 75.6 60.4 90.6
182 2.7 2.0 3.0



#58
Fluorene
Concen: 39.850 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion:166 Resp: 745319
Ion Ratio Lower Upper
166 100
165 97.3 78.5 117.7
167 13.6 10.9 16.3

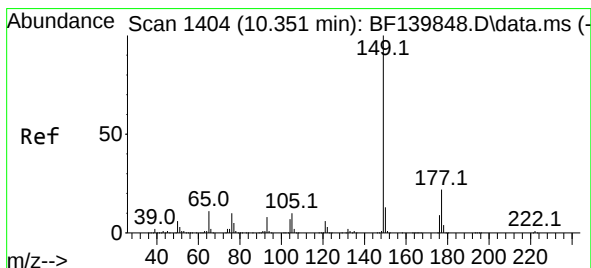
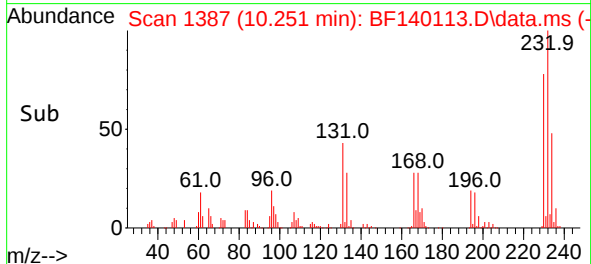
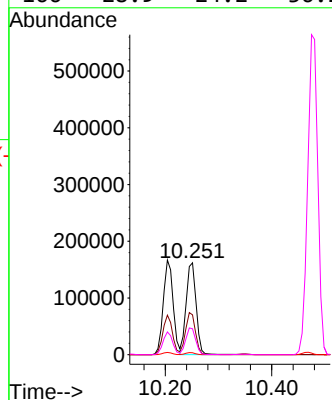
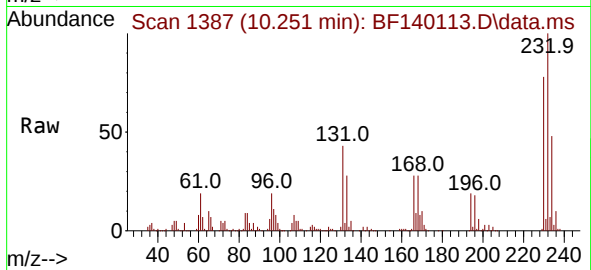




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.653 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

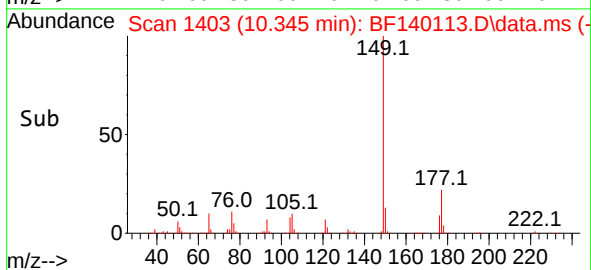
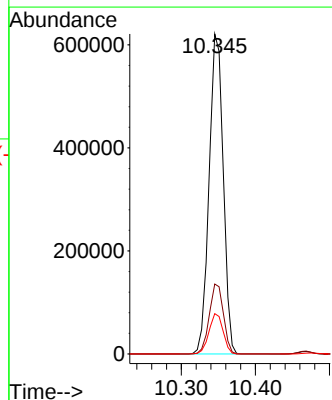
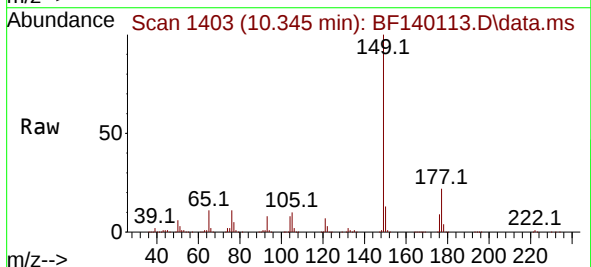
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

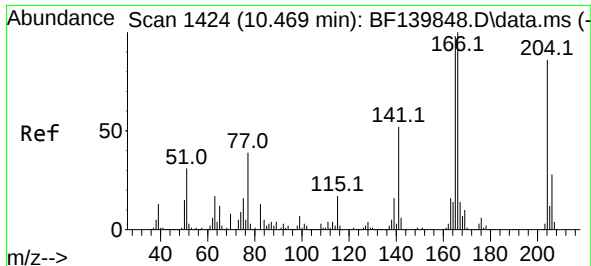
Tgt Ion:232 Resp: 210025
Ion Ratio Lower Upper
232 100
131 45.1 37.0 55.6
130 2.2 1.9 2.9
166 28.9 24.2 36.2



#60
Diethylphthalate
Concen: 41.206 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion:149 Resp: 822514
Ion Ratio Lower Upper
149 100
177 21.8 17.9 26.9
150 12.6 10.1 15.1

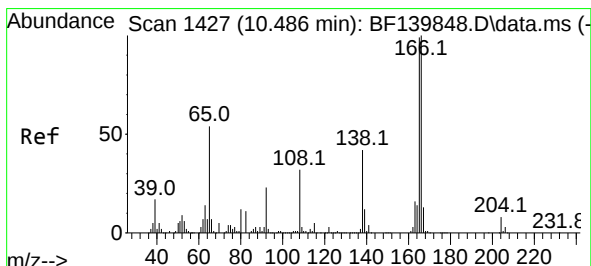
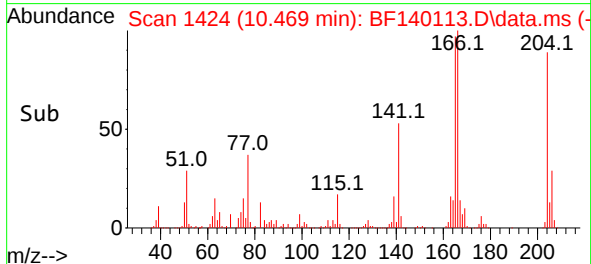
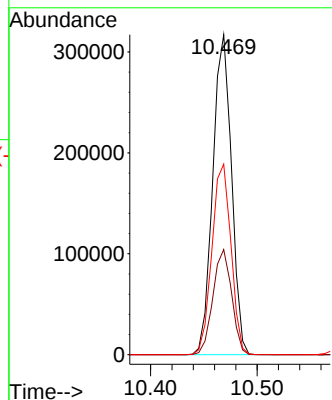
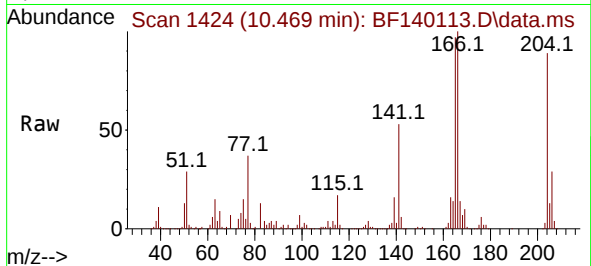




#61
4-Chlorophenyl-phenylether
Concen: 40.876 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

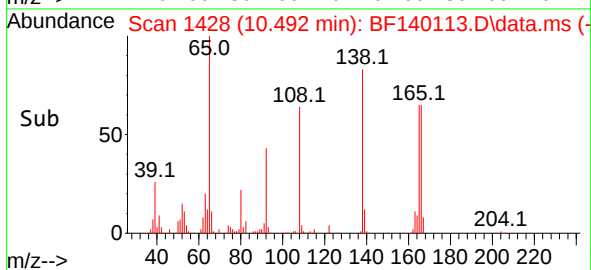
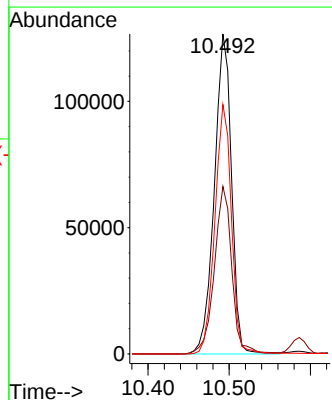
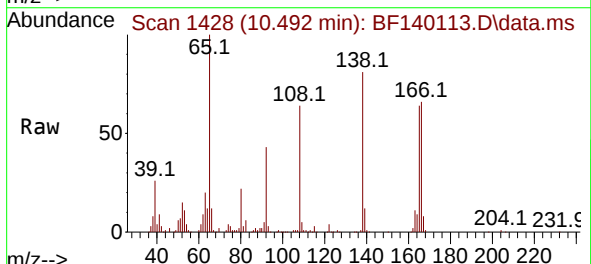
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

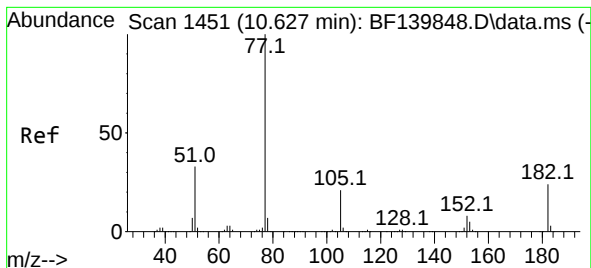
Tgt Ion:204 Resp: 386070
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 59.6 48.6 73.0



#62
4-Nitroaniline
Concen: 43.399 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion:138 Resp: 186065
Ion Ratio Lower Upper
138 100
92 52.3 35.7 75.7
108 78.0 57.5 97.5





#63

Azobenzene

Concen: 39.122 ng

RT: 10.627 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 827895

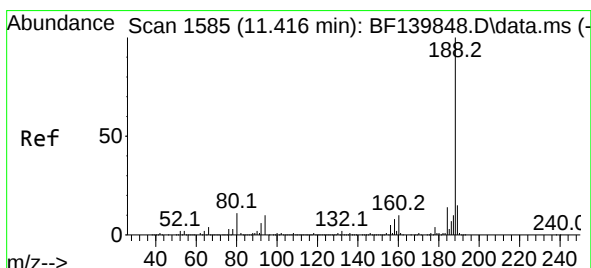
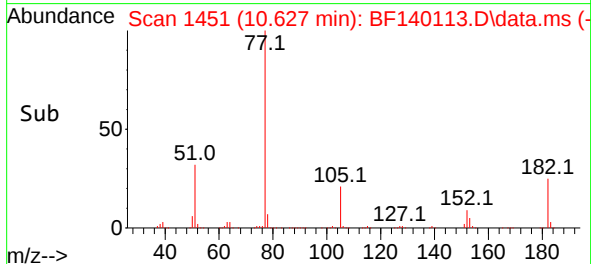
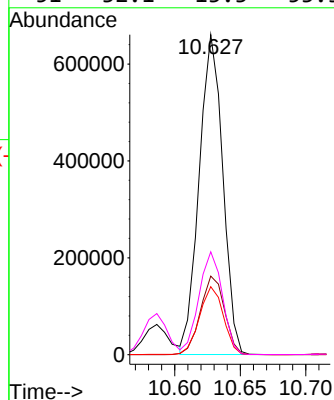
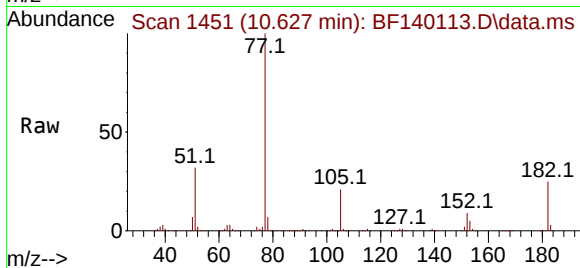
Ion Ratio Lower Upper

77 100

182 24.5 3.3 43.3

105 21.3 1.2 41.2

51 32.1 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

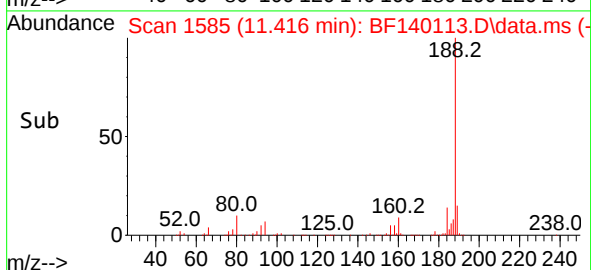
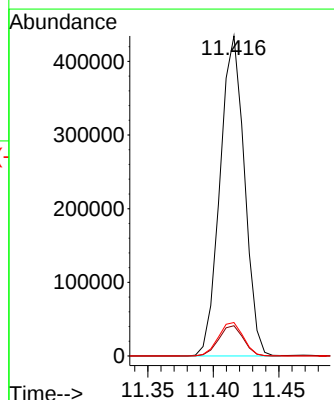
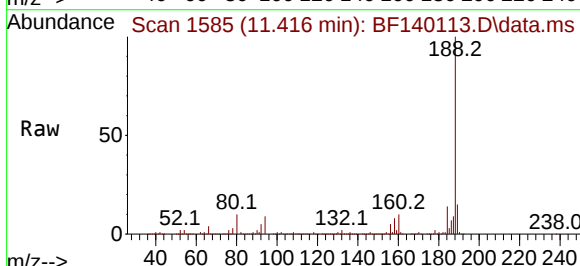
Tgt Ion:188 Resp: 563401

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

80 10.5 9.0 13.4

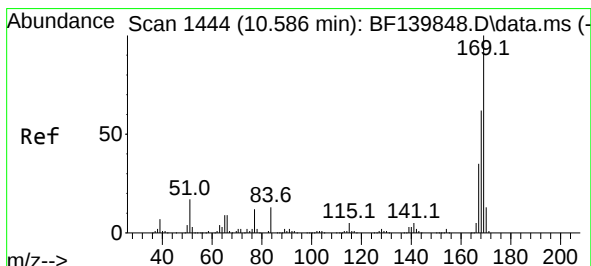
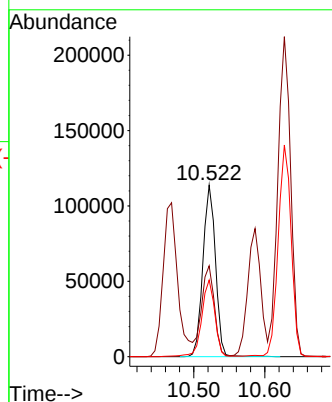
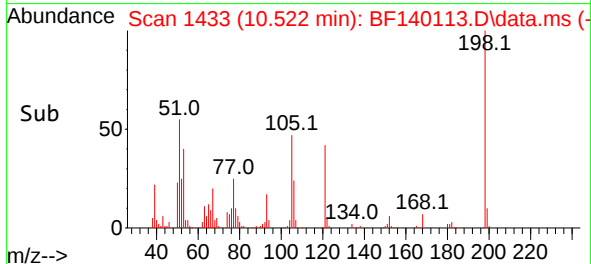
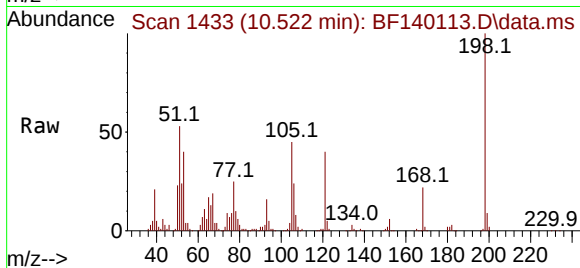




#65
4,6-Dinitro-2-methylphenol
Concen: 61.186 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

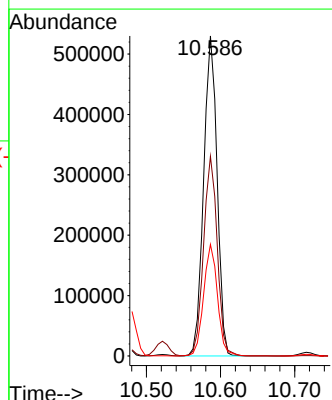
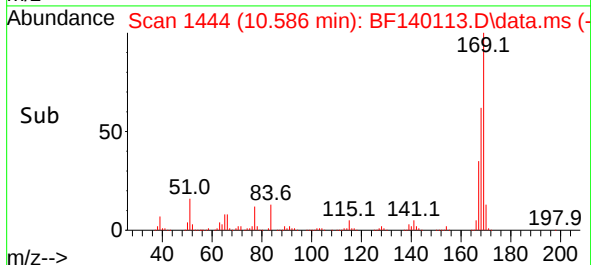
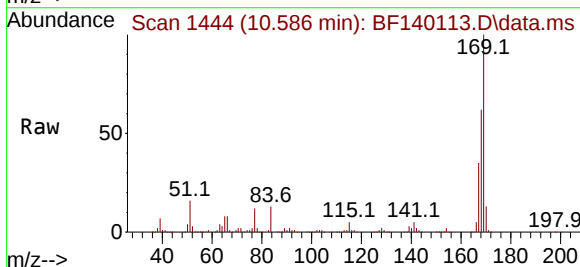
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

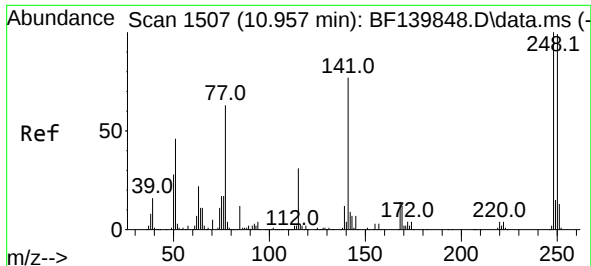
Tgt Ion:198 Resp: 140612
Ion Ratio Lower Upper
198 100
51 53.0 38.2 78.2
105 44.7 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 39.705 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion:169 Resp: 669526
Ion Ratio Lower Upper
169 100
168 62.4 49.8 74.6
167 34.9 28.0 42.0

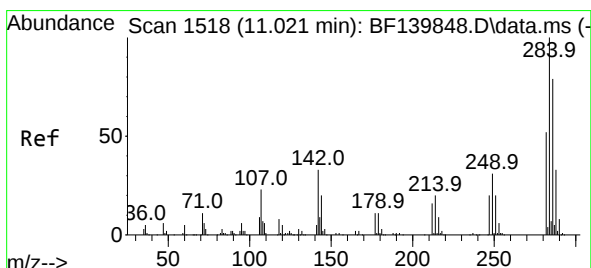
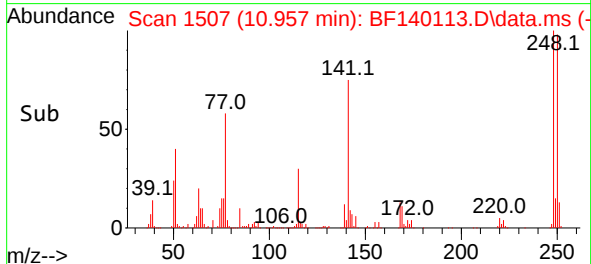
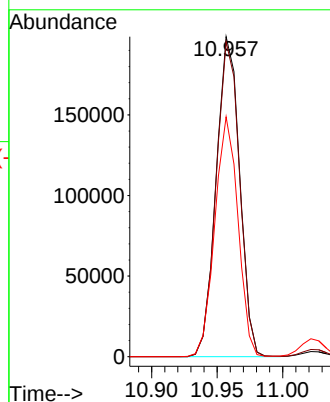
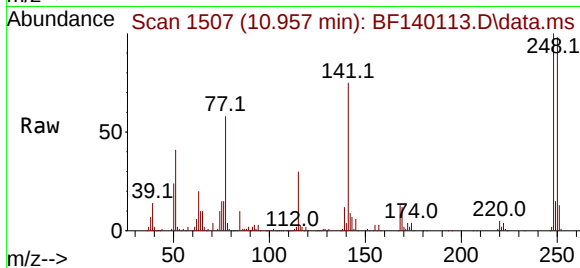




#67
4-Bromophenyl-phenylether
Concen: 42.641 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

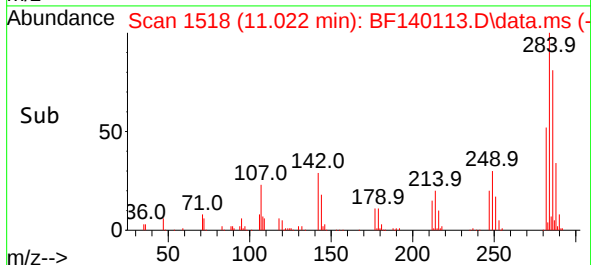
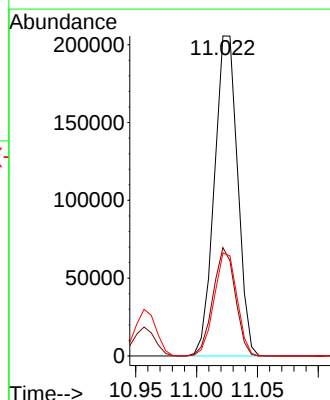
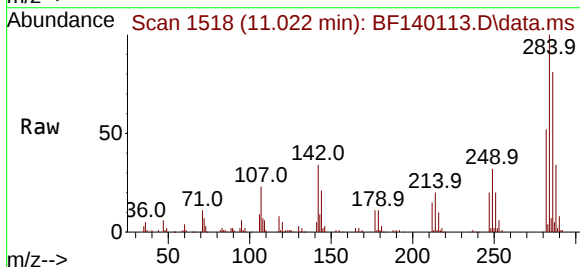
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

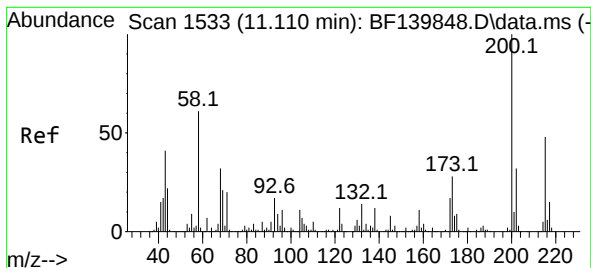
Tgt Ion:248 Resp: 247494
Ion Ratio Lower Upper
248 100
250 98.4 79.0 118.6
141 75.0 61.7 92.5



#68
Hexachlorobenzene
Concen: 41.784 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion:284 Resp: 272750
Ion Ratio Lower Upper
284 100
142 33.9 26.9 40.3
249 32.2 25.3 37.9





#69

Atrazine

Concen: 39.824 ng

RT: 11.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

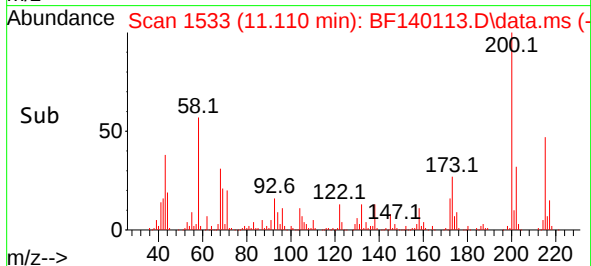
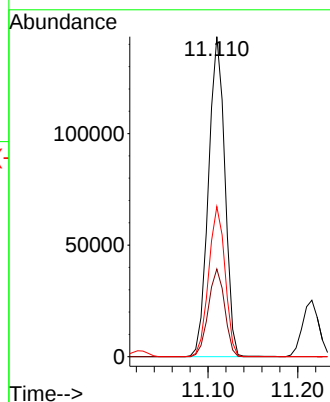
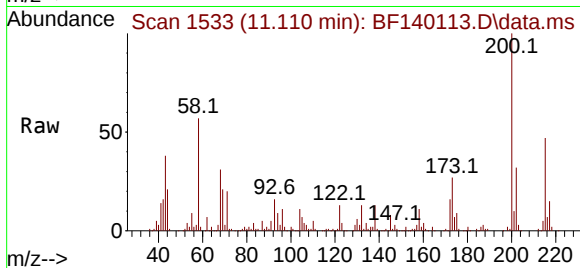
Tgt Ion:200 Resp: 181908

Ion Ratio Lower Upper

200 100

173 27.4 7.7 47.7

215 46.9 27.7 67.7



#70

Pentachlorophenol

Concen: 43.987 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

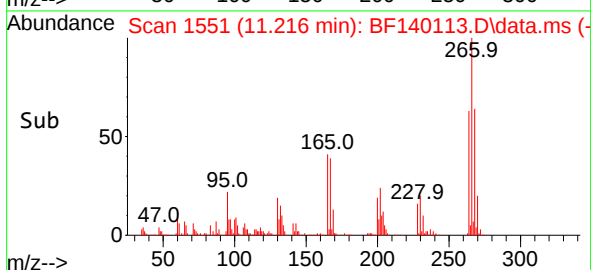
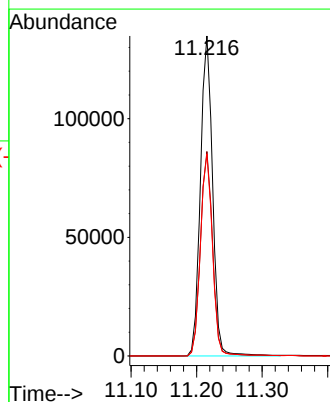
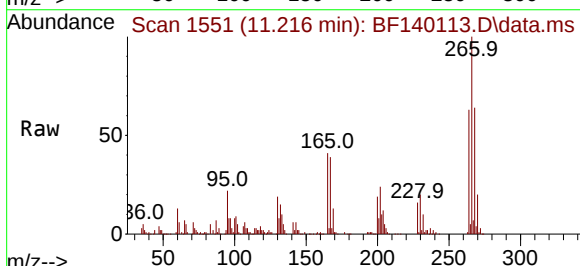
Tgt Ion:266 Resp: 174262

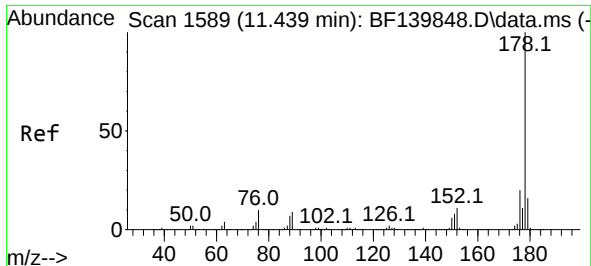
Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

264 63.1 50.6 75.8

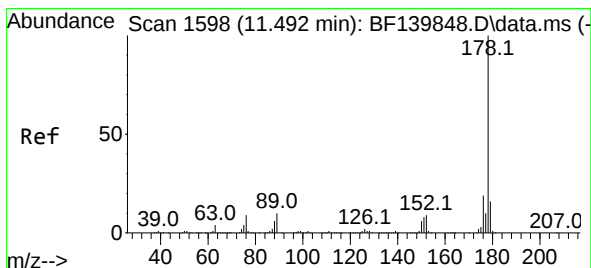
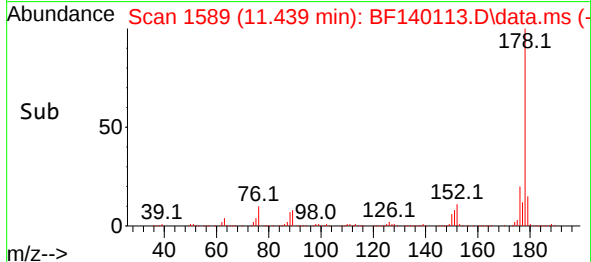
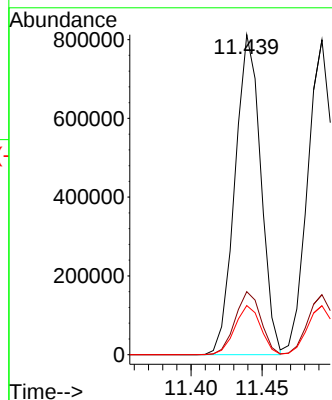
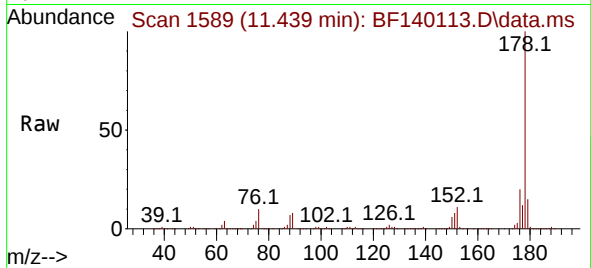




#71
Phenanthrene
Concen: 38.597 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

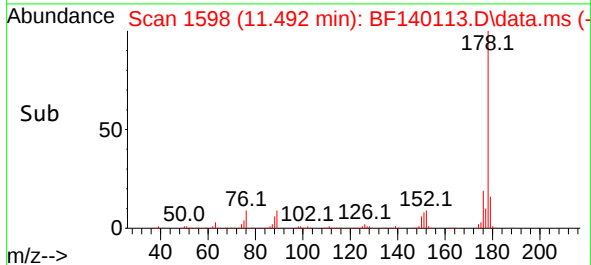
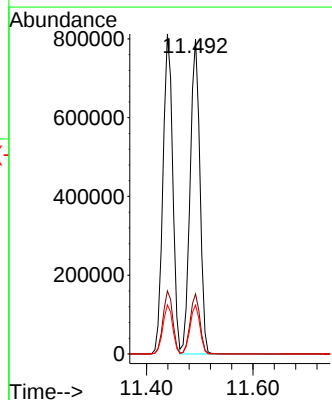
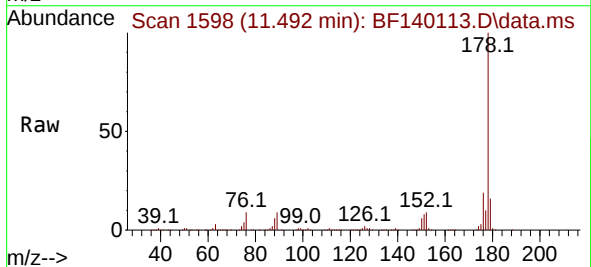
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

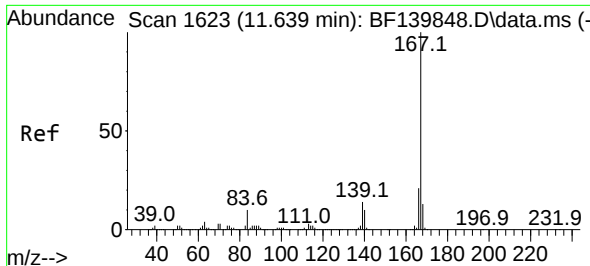
Tgt Ion:178 Resp: 1027169
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.4 12.6 18.8



#72
Anthracene
Concen: 39.149 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

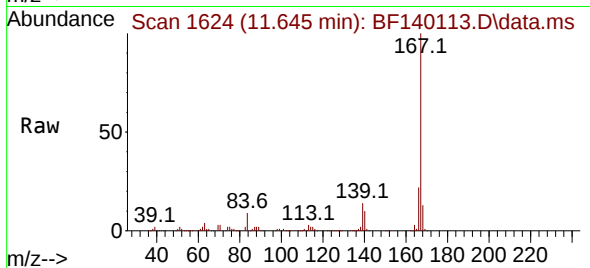
Tgt Ion:178 Resp: 1016521
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.5 12.4 18.6



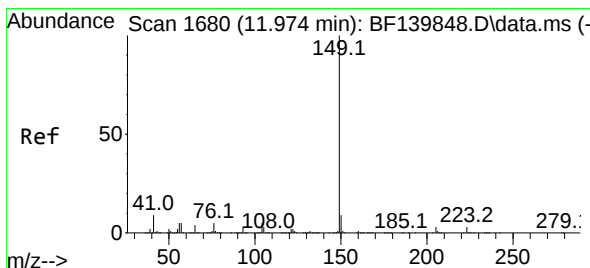
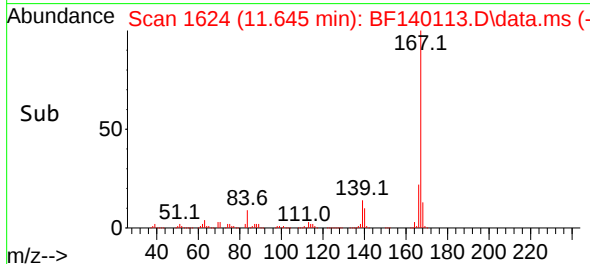
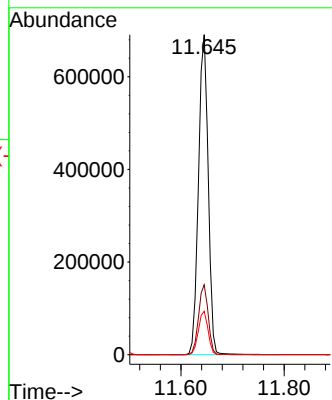


#73
Carbazole
Concen: 37.302 ng
RT: 11.645 min Scan# 1624
Delta R.T. 0.006 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

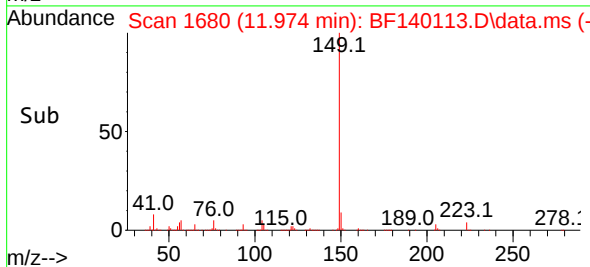
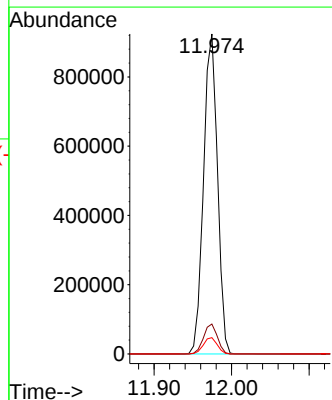
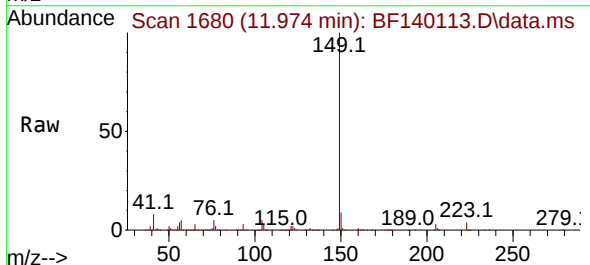


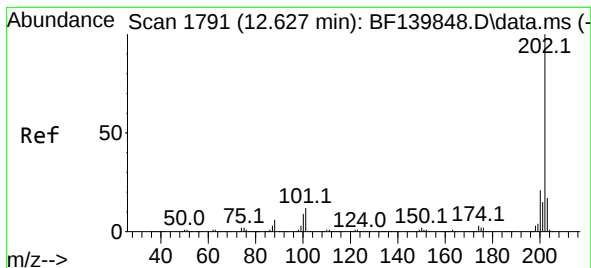
Tgt Ion:167 Resp: 900780
Ion Ratio Lower Upper
167 100
166 21.9 17.0 25.6
139 13.5 10.8 16.2



#74
Di-n-butylphthalate
Concen: 41.318 ng
RT: 11.974 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion:149 Resp: 1152766
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.1 4.1 6.1

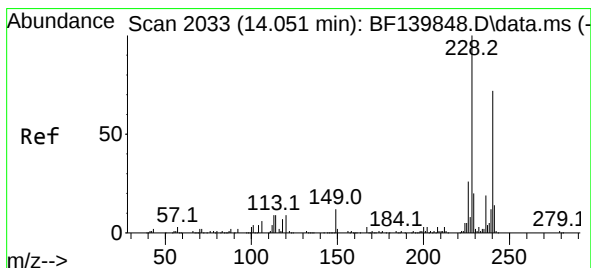
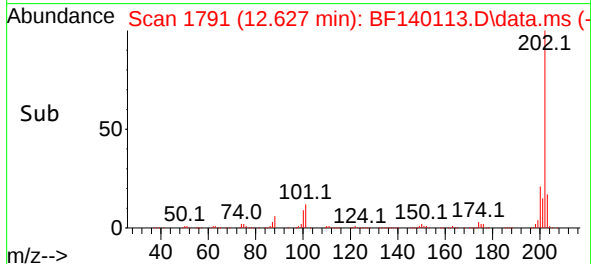
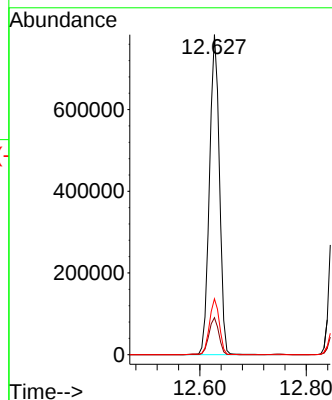
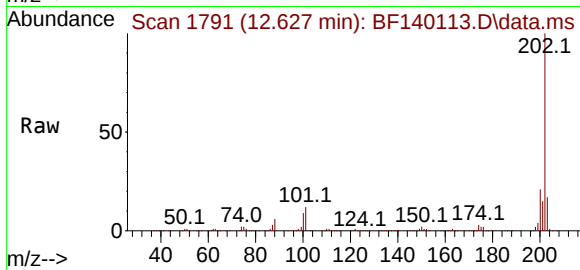




#75
Fluoranthene
Concen: 37.641 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

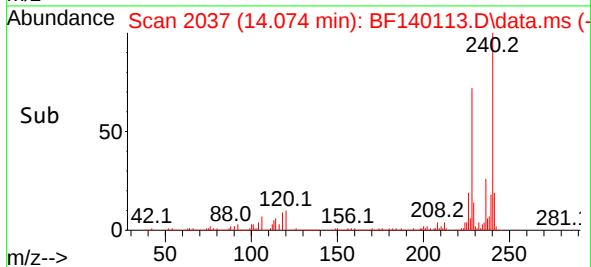
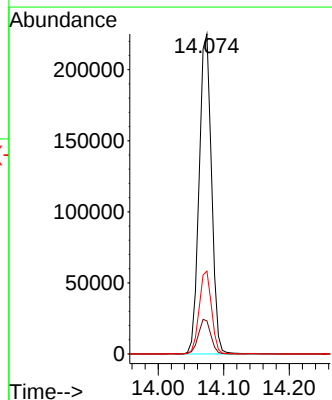
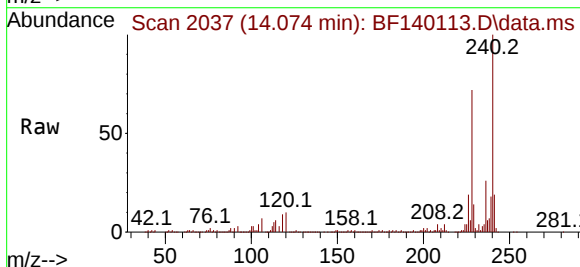
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

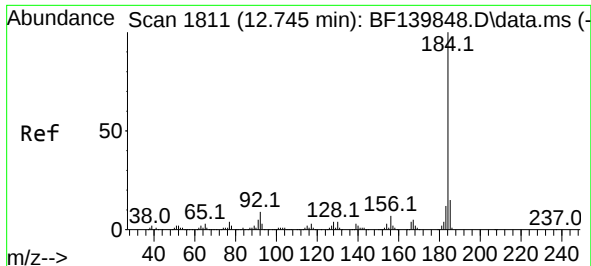
Tgt Ion:202 Resp: 1012672
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.9
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2037
Delta R.T. 0.024 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion:240 Resp: 296186
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 25.9 20.9 31.3

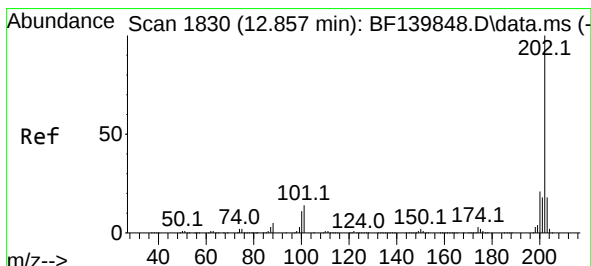
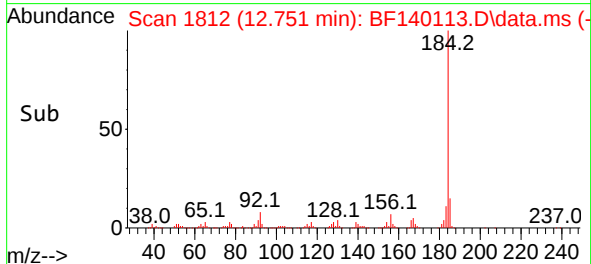
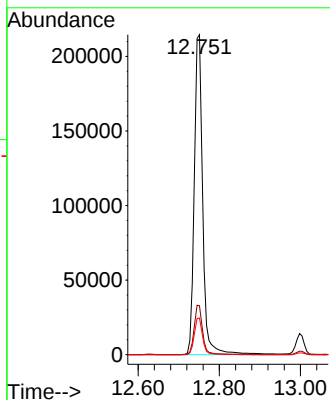
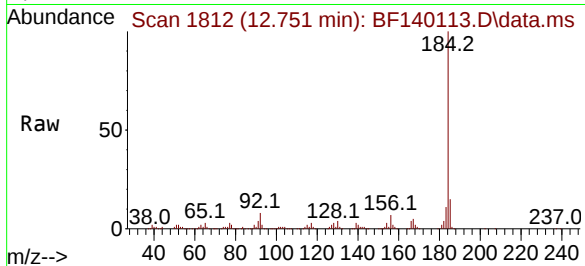




#77
Benzidine
Concen: 64.341 ng
RT: 12.751 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

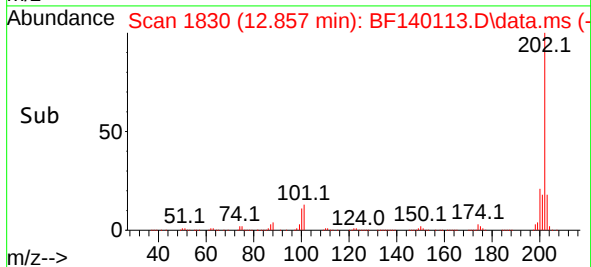
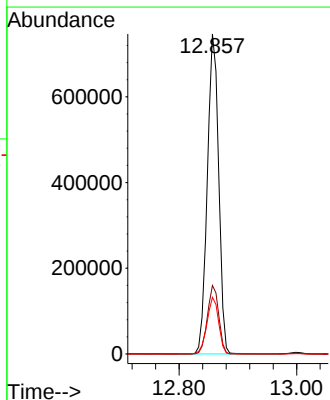
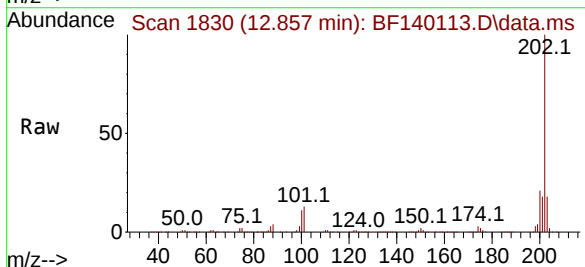
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 313360
Ion Ratio Lower Upper
184 100
185 15.3 12.0 18.0
183 11.4 9.4 14.2



#78
Pyrene
Concen: 38.362 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion:202 Resp: 994568
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 78.775 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

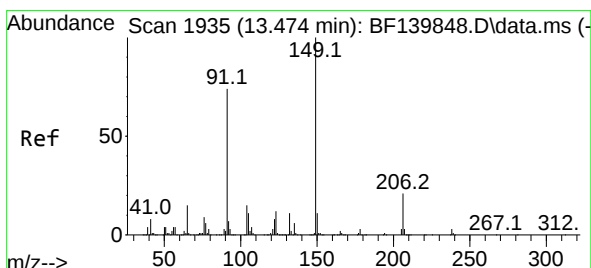
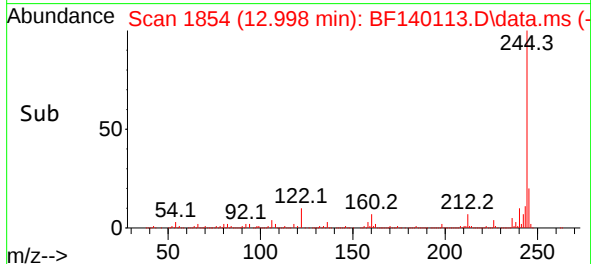
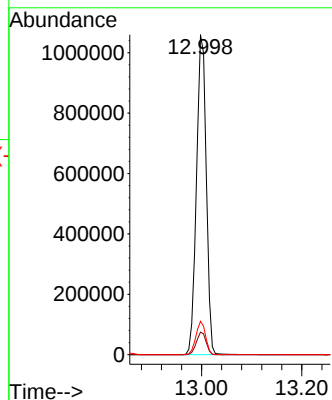
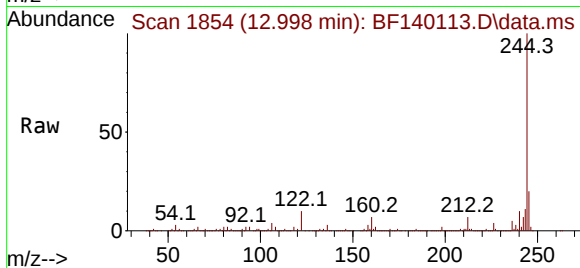
Tgt Ion:244 Resp: 1431872

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.5 8.6 13.0



#80

Butylbenzylphthalate

Concen: 46.523 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

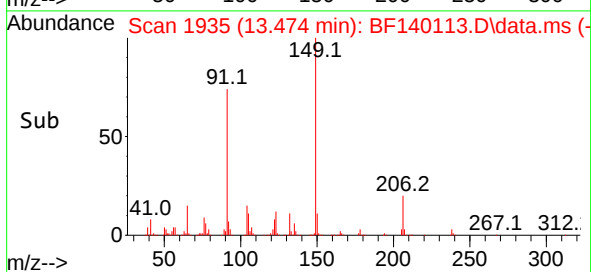
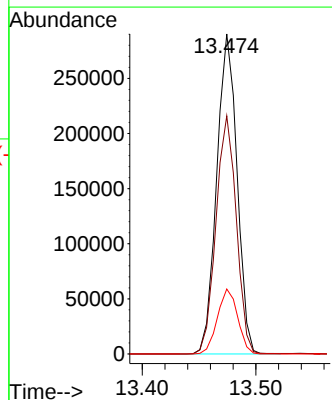
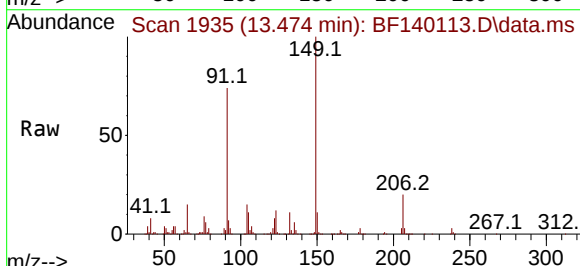
Tgt Ion:149 Resp: 361607

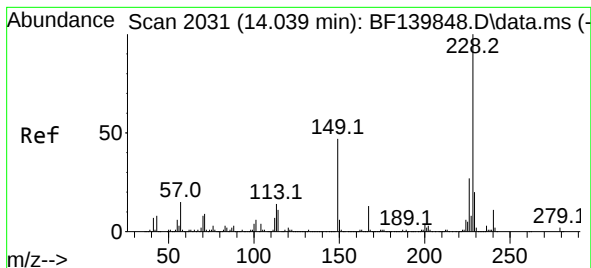
Ion Ratio Lower Upper

149 100

91 74.4 59.4 89.2

206 20.3 16.4 24.6





#81

Benzo(a)anthracene

Concen: 39.630 ng

RT: 14.063 min Scan# 2031

Delta R.T. 0.024 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

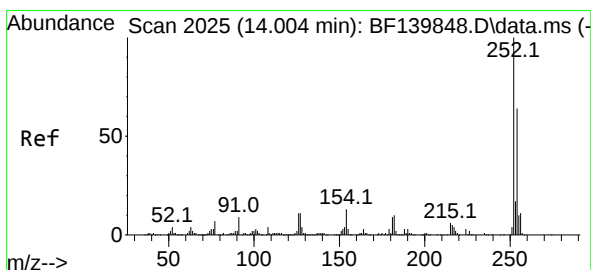
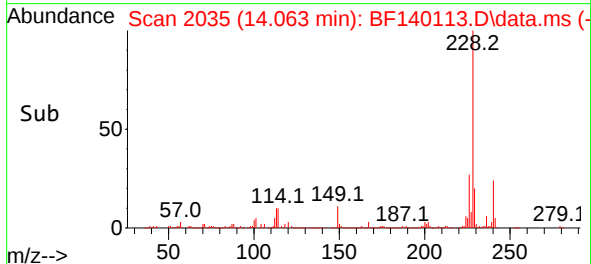
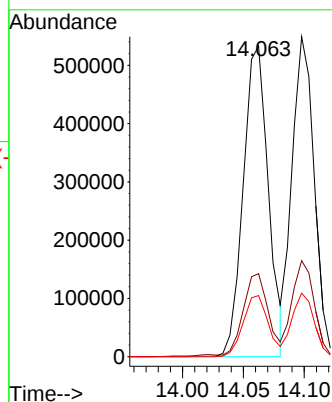
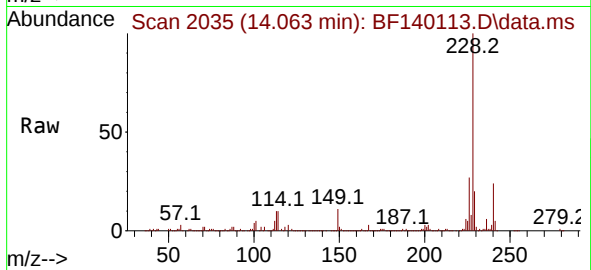
Tgt Ion:228 Resp: 764088

Ion Ratio Lower Upper

228 100

226 26.7 21.6 32.4

229 19.7 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 46.617 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.018 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

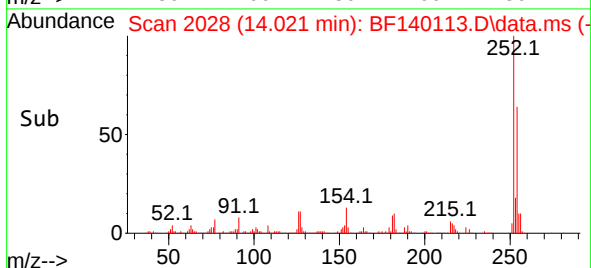
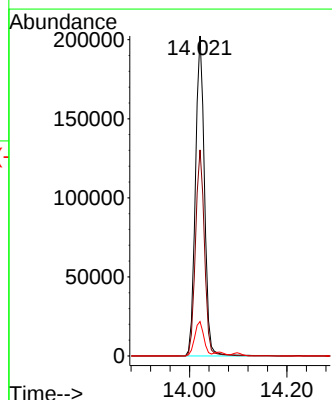
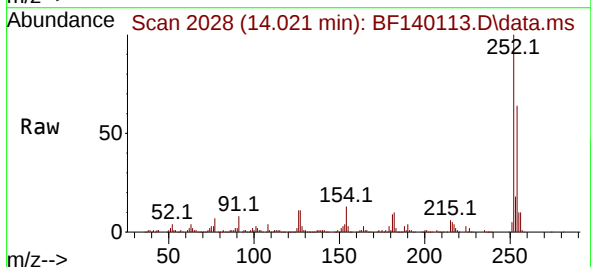
Tgt Ion:252 Resp: 262064

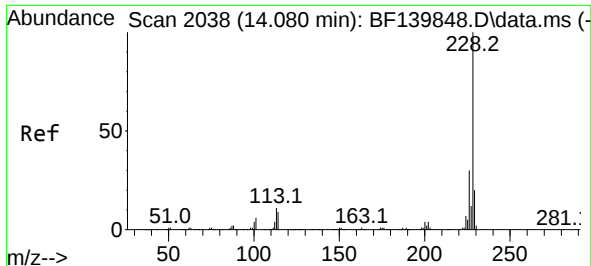
Ion Ratio Lower Upper

252 100

254 64.4 50.8 76.2

126 10.8 8.9 13.3

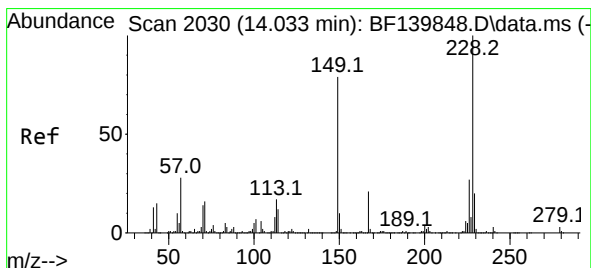
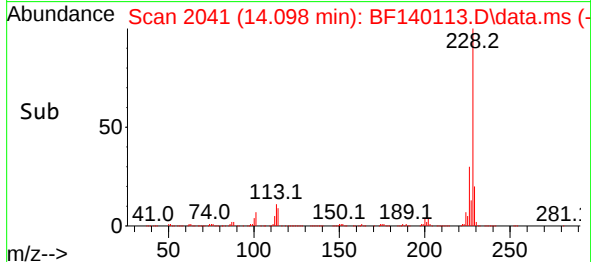
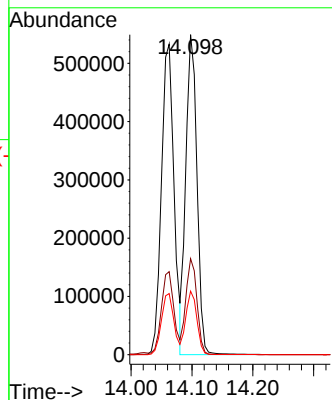
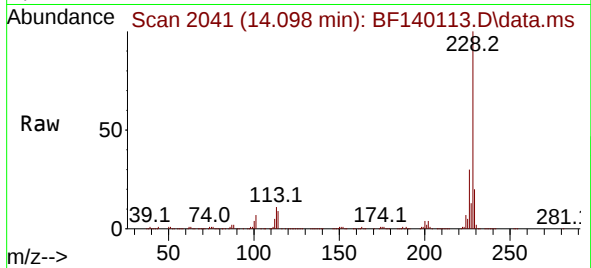




#83
Chrysene
Concen: 39.644 ng
RT: 14.098 min Scan# 2041
Delta R.T. 0.018 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

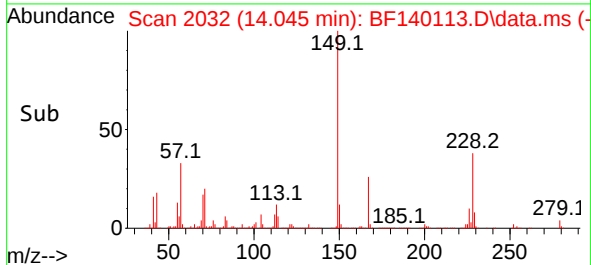
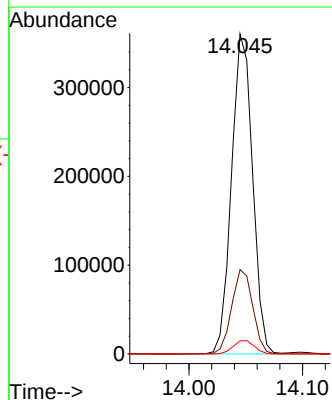
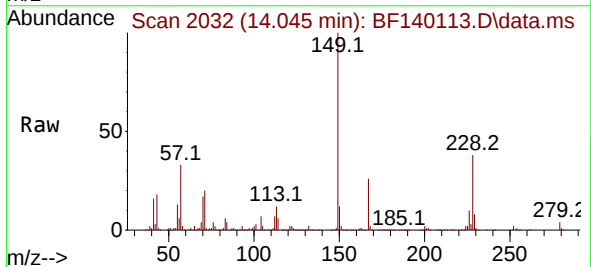
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

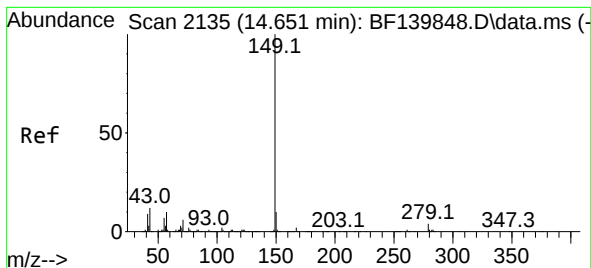
Tgt Ion:228 Resp: 700836
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 19.8 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.115 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.012 min
Lab File: BF140113.D
Acq: 29 Oct 2024 16:01

Tgt Ion:149 Resp: 463194
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.0
279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 49.448 ng

RT: 14.698 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

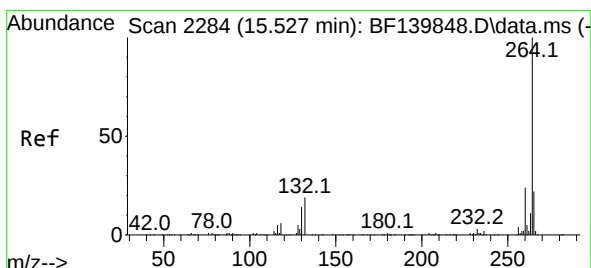
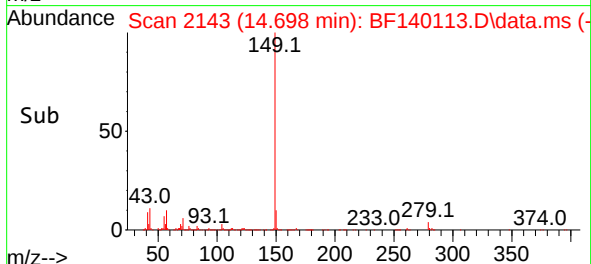
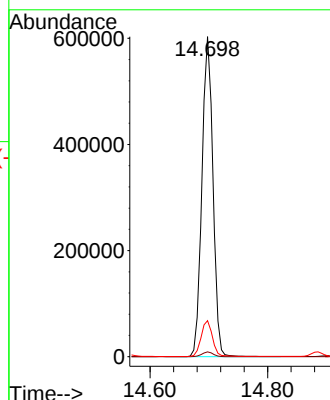
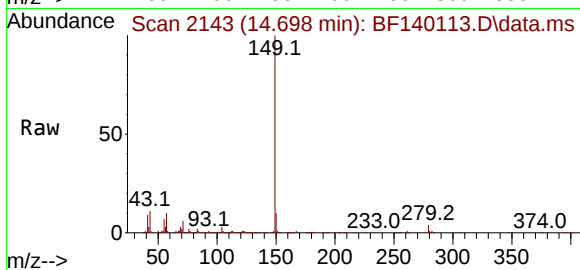
Tgt Ion:149 Resp: 784324

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.5 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2295

Delta R.T. 0.065 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

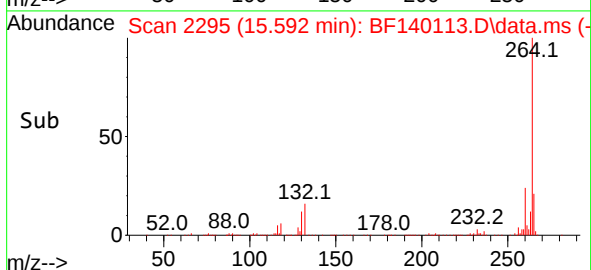
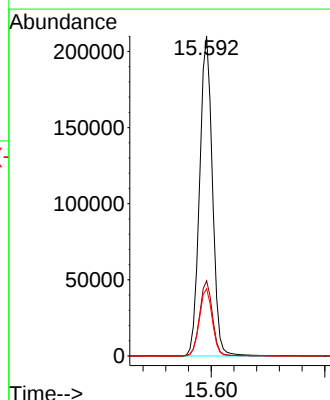
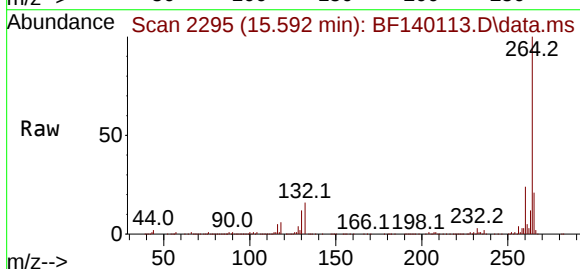
Tgt Ion:264 Resp: 329400

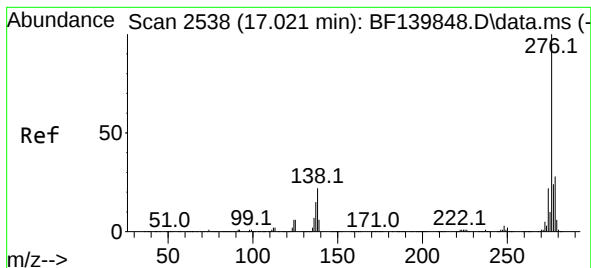
Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.304 ng

RT: 17.109 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

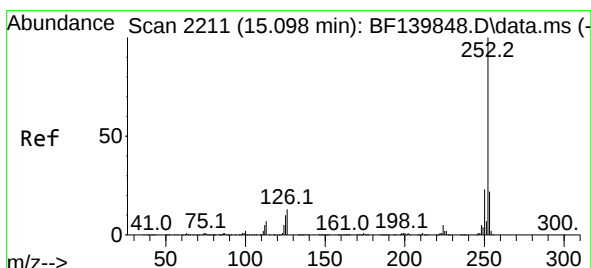
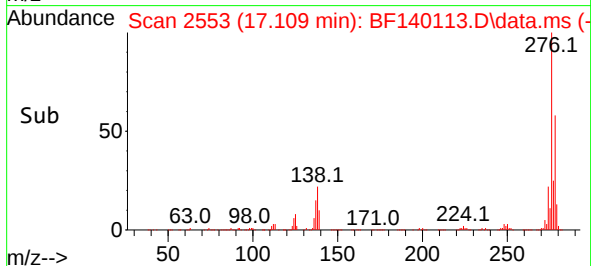
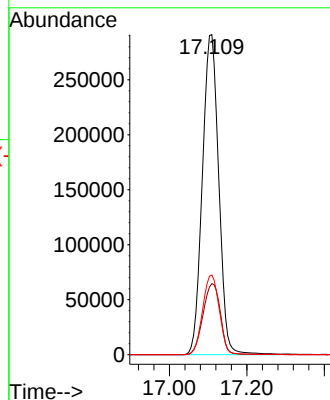
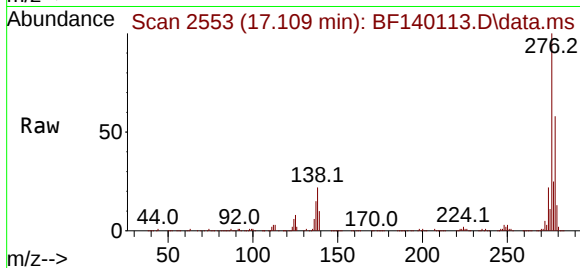
Tgt Ion:276 Resp: 854097

Ion Ratio Lower Upper

276 100

138 23.5 20.4 30.6

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 38.226 ng

RT: 15.151 min Scan# 2220

Delta R.T. 0.053 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

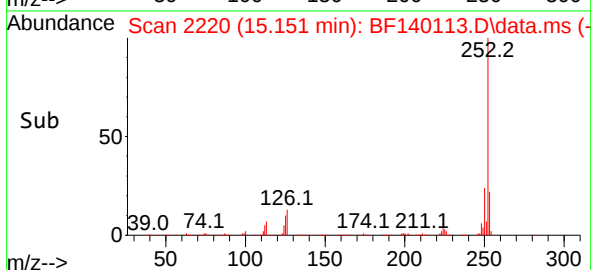
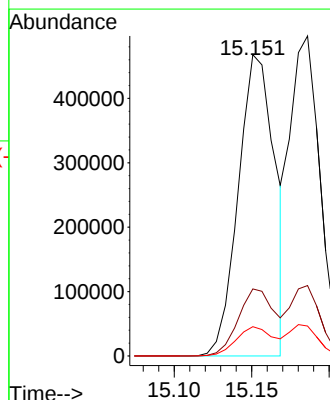
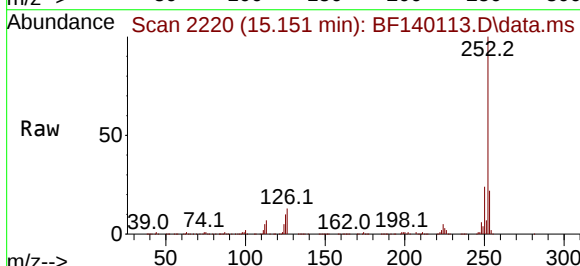
Tgt Ion:252 Resp: 767024

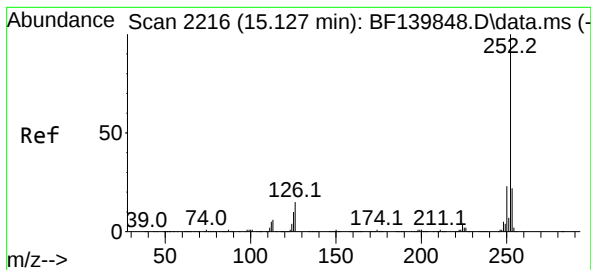
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 9.7 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 38.880 ng

RT: 15.186 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

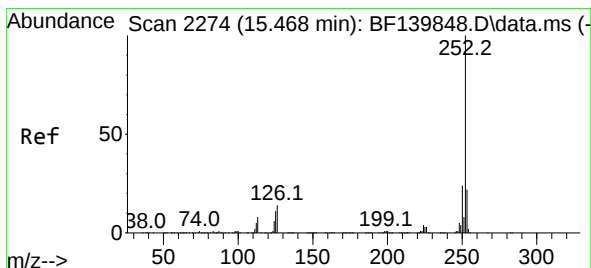
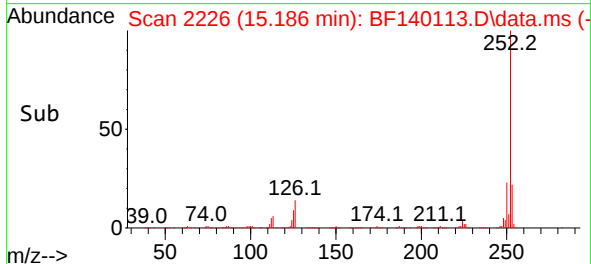
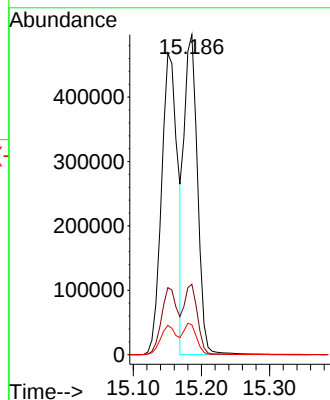
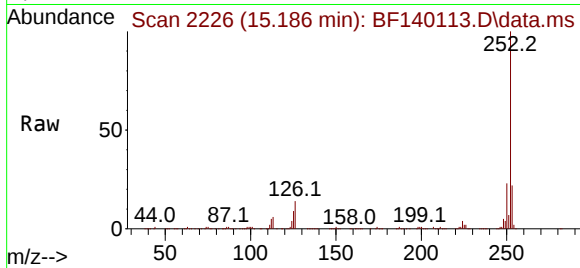
Tgt Ion:252 Resp: 672813

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.4 7.9 11.9



#90

Benzo(a)pyrene

Concen: 39.554 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.059 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

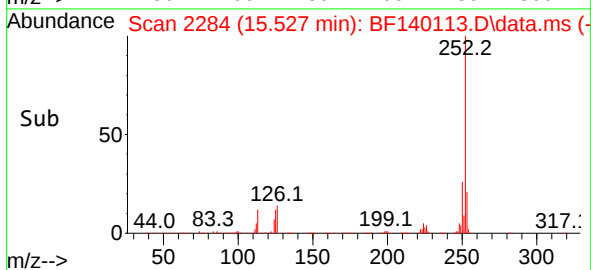
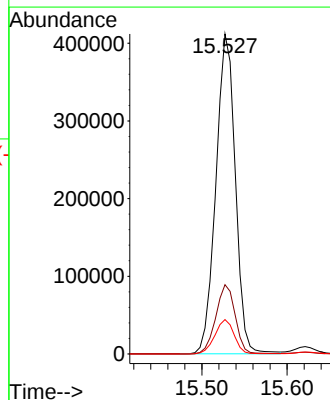
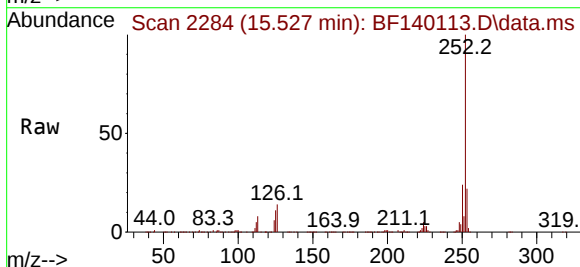
Tgt Ion:252 Resp: 653063

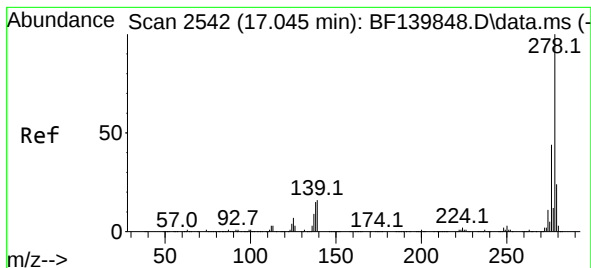
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 10.8 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 39.895 ng

RT: 17.127 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

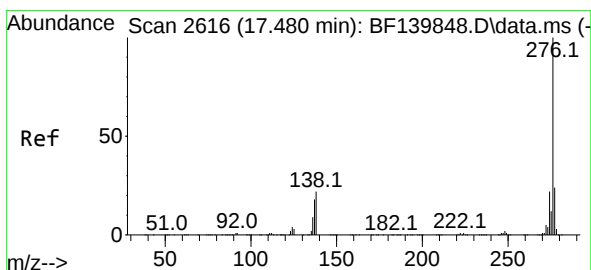
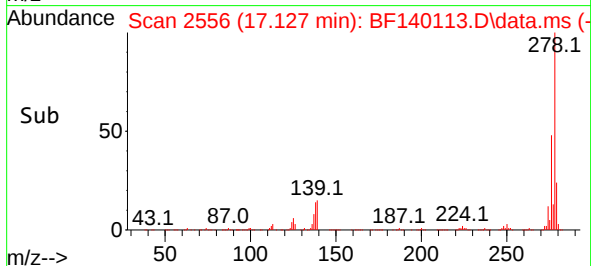
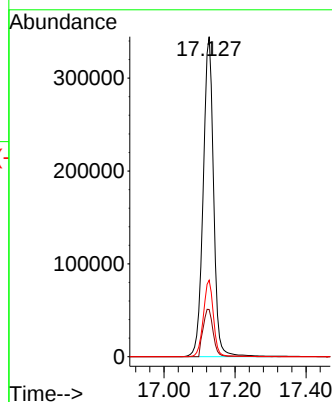
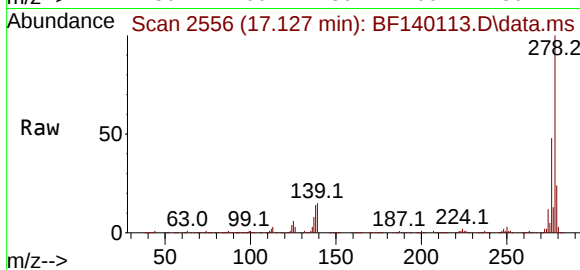
Tgt Ion:278 Resp: 705262

Ion Ratio Lower Upper

278 100

139 14.8 13.1 19.7

279 23.9 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 40.704 ng

RT: 17.568 min Scan# 2631

Delta R.T. 0.088 min

Lab File: BF140113.D

Acq: 29 Oct 2024 16:01

Tgt Ion:276 Resp: 718764

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.6

138 19.9 17.4 26.0

