

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF139990.D
 Acq On : 24 Oct 2024 09:55
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 24 11:02:09 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	160242	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	587754	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	322730	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	552693	20.000	ng	0.00
76) Chrysene-d12	14.057	240	268892	20.000	ng	0.00
86) Perylene-d12	15.533	264	303963	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	774298	75.645	ng	0.00
7) Phenol-d6	6.516	99	964287	72.737	ng	0.00
23) Nitrobenzene-d5	7.451	82	878769	82.866	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	264656	87.672	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1527609	78.229	ng	0.00
79) Terphenyl-d14	12.998	244	1382993	83.809	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	176828	37.052	ng	93
3) Pyridine	3.434	79	440496	37.237	ng	96
4) n-Nitrosodimethylamine	3.387	42	221040	34.778	ng	97
6) Aniline	6.557	93	450356	36.450	ng	97
8) 2-Chlorophenol	6.675	128	397388	37.976	ng	99
9) Benzaldehyde	6.440	77	266226	35.697	ng	99
10) Phenol	6.528	94	520127	38.056	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	390457	36.961	ng	98
12) 1,3-Dichlorobenzene	6.834	146	466352	38.824	ng	99
13) 1,4-Dichlorobenzene	6.910	146	467360	38.944	ng	99
14) 1,2-Dichlorobenzene	7.063	146	434528	38.796	ng	98
15) Benzyl Alcohol	7.028	79	360873	37.109	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	620809	34.465	ng	97
17) 2-Methylphenol	7.134	107	330173	37.003	ng	99
18) Hexachloroethane	7.404	117	167043	39.033	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	282083	35.083	ng	95
20) 3+4-Methylphenols	7.292	107	416195	36.467	ng	# 83
22) Acetophenone	7.298	105	545776	37.912	ng	99
24) Nitrobenzene	7.475	77	460520	39.608	ng	99
25) Isophorone	7.710	82	757098	37.614	ng	99
26) 2-Nitrophenol	7.787	139	208316	47.492	ng	96
27) 2,4-Dimethylphenol	7.822	122	274637	37.550	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	462579	37.932	ng	99
29) 2,4-Dichlorophenol	8.028	162	329245	39.521	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	370013	40.140	ng	100
31) Naphthalene	8.198	128	1179077	38.897	ng	100
32) Benzoic acid	7.922	122	290994	45.616	ng	96
33) 4-Chloroaniline	8.239	127	392794	38.001	ng	99
34) Hexachlorobutadiene	8.310	225	237818	41.060	ng	100
35) Caprolactam	8.610	113	103091	38.918	ng	90
36) 4-Chloro-3-methylphenol	8.716	107	351754	38.132	ng	97
37) 2-Methylnaphthalene	8.886	142	723557	38.975	ng	99
38) 1-Methylnaphthalene	8.986	142	706876	38.809	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	355797	40.864	ng	99
41) Hexachlorocyclopentadiene	9.039	237	133648	44.115	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	260321	42.231	ng	99

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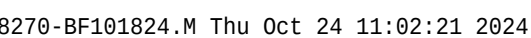
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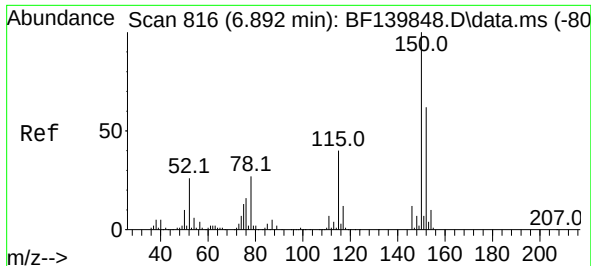
Quant Time: Oct 24 11:02:09 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	255051	40.103	ng	97
46) 1,1'-Biphenyl	9.351	154	884807	39.383	ng	99
47) 2-Chloronaphthalene	9.375	162	716569	39.600	ng	99
48) 2-Nitroaniline	9.469	65	233781	42.243	ng	91
49) Acenaphthylene	9.792	152	1020484	39.009	ng	100
50) Dimethylphthalate	9.651	163	779891	38.796	ng	100
51) 2,6-Dinitrotoluene	9.710	165	184898	42.481	ng	95
52) Acenaphthene	9.963	154	678587	40.099	ng	99
53) 3-Nitroaniline	9.875	138	183065	40.785	ng	95
54) 2,4-Dinitrophenol	9.981	184	95624	55.091	ng	# 1
55) Dibenzofuran	10.133	168	934503	38.488	ng	99
56) 4-Nitrophenol	10.028	139	147827	42.808	ng	95
57) 2,4-Dinitrotoluene	10.110	165	239410	44.729	ng	97
58) Fluorene	10.475	166	716749	38.758	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	207853	41.690	ng	96
60) Diethylphthalate	10.345	149	758570	38.433	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	374601	40.111	ng	98
62) 4-Nitroaniline	10.486	138	167010	39.396	ng	95
63) Azobenzene	10.628	77	775853	37.078	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	129613	57.493	ng	94
66) n-Nitrosodiphenylamine	10.586	169	649534	39.266	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	239237	42.017	ng	96
68) Hexachlorobenzene	11.028	284	265372	41.441	ng	95
69) Atrazine	11.110	200	178157	39.759	ng	99
70) Pentachlorophenol	11.216	266	180839	46.531	ng	99
71) Phenanthrene	11.439	178	1013712	38.829	ng	99
72) Anthracene	11.492	178	1003224	39.385	ng	100
73) Carbazole	11.645	167	886910	37.439	ng	99
74) Di-n-butylphthalate	11.975	149	1047818	38.284	ng	99
75) Fluoranthene	12.627	202	997974	37.814	ng	100
77) Benzidine	12.745	184	148061	33.487	ng	99
78) Pyrene	12.857	202	991454	42.123	ng	100
80) Butylbenzylphthalate	13.474	149	288336	40.861	ng	98
81) Benzo(a)anthracene	14.045	228	685819	39.181	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	221524	43.406	ng	99
83) Chrysene	14.080	228	612931	38.191	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	343936	43.443	ng	99
85) Di-n-octyl phthalate	14.645	149	611956	42.497	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	863954	44.181	ng	98
88) Benzo(b)fluoranthene	15.098	252	653367	35.286	ng	99
89) Benzo(k)fluoranthene	15.127	252	641324	40.161	ng	99
90) Benzo(a)pyrene	15.468	252	604156	39.654	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	718383	44.037	ng	99
92) Benzo(g,h,i)perylene	17.486	276	742968	45.596	ng	98

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

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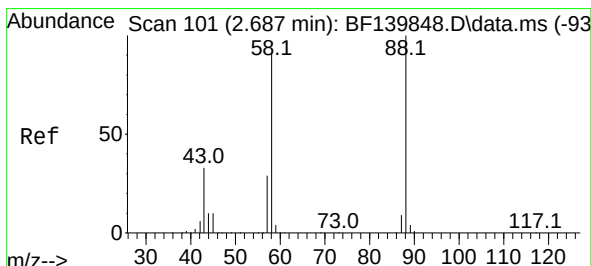
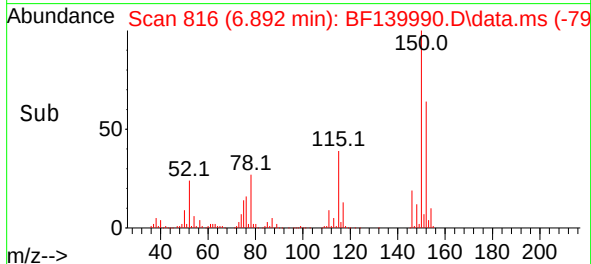
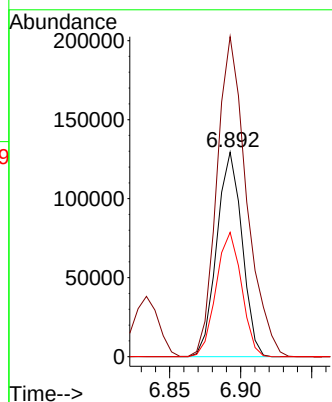
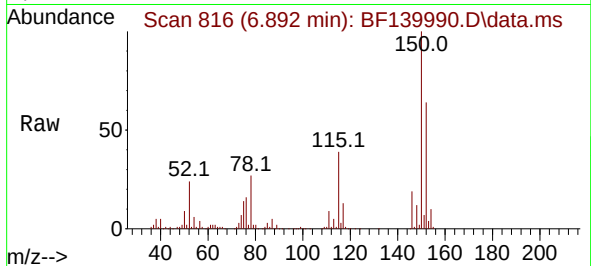




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

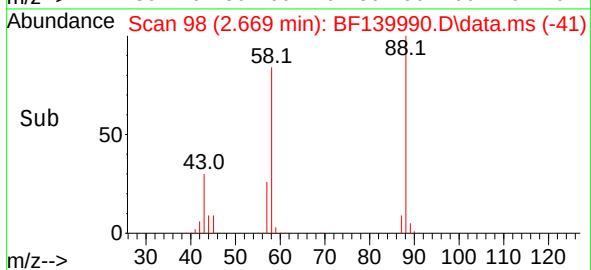
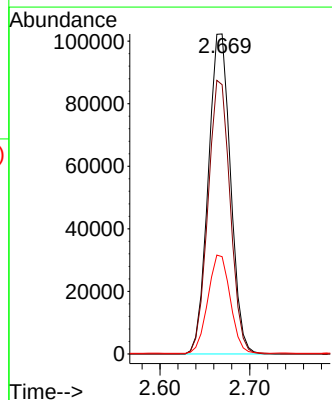
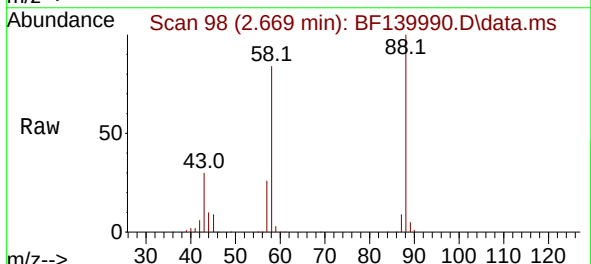
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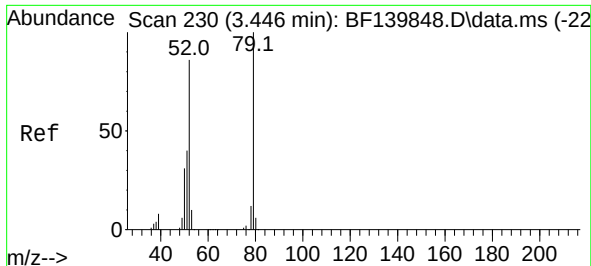
Tgt Ion:152 Resp: 160242
Ion Ratio Lower Upper
152 100
150 156.5 130.2 195.2
115 60.8 51.4 77.2



#2
1,4-Dioxane
Concen: 37.052 ng
RT: 2.669 min Scan# 98
Delta R.T. -0.018 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

Tgt Ion: 88 Resp: 176828
Ion Ratio Lower Upper
88 100
58 84.7 73.3 109.9
43 30.7 27.1 40.7





#3

Pyridine

Concen: 37.237 ng

RT: 3.434 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

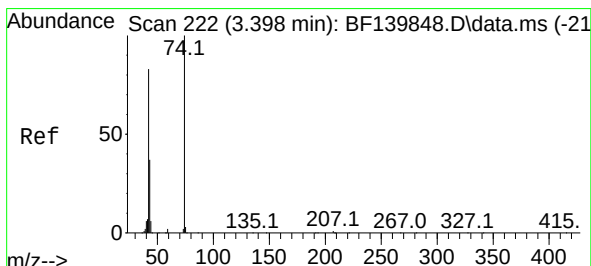
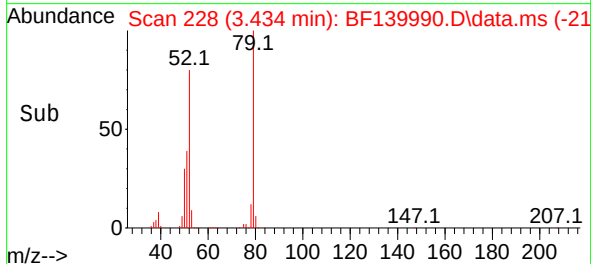
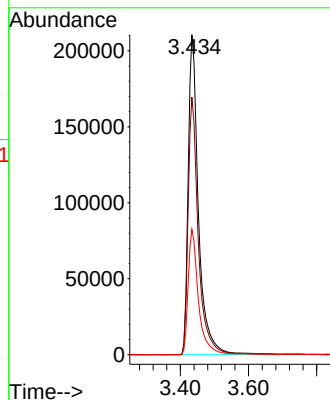
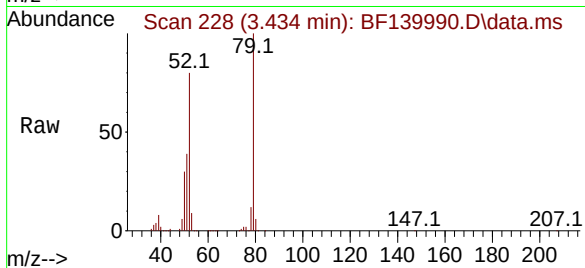
Tgt Ion: 79 Resp: 440496

Ion Ratio Lower Upper

79 100

52 80.5 68.5 102.7

51 39.2 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 34.778 ng

RT: 3.387 min Scan# 220

Delta R.T. -0.012 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

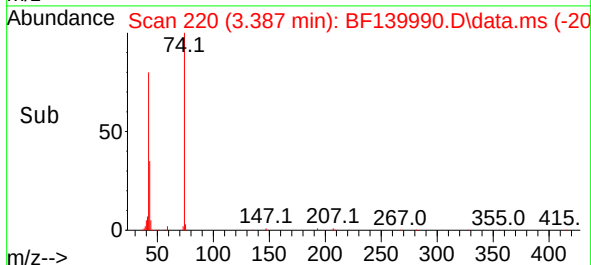
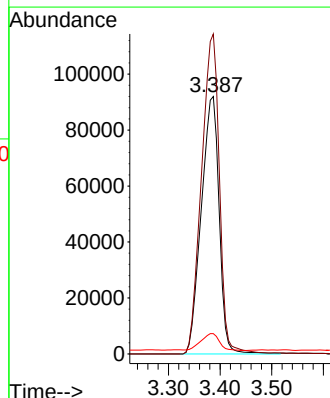
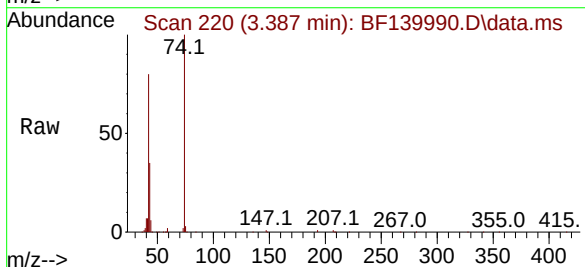
Tgt Ion: 42 Resp: 221040

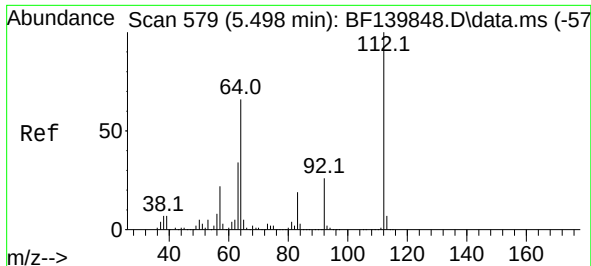
Ion Ratio Lower Upper

42 100

74 124.3 96.2 144.4

44 7.9 6.2 9.2

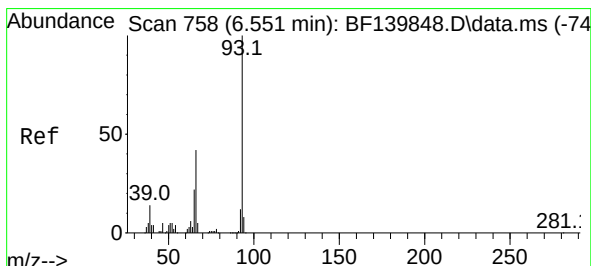
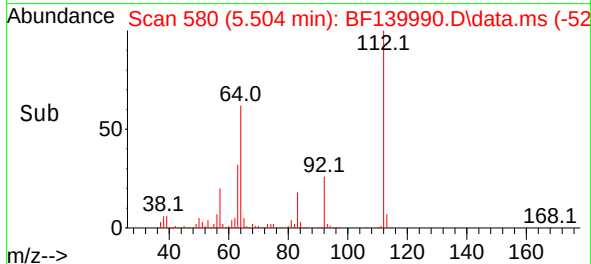
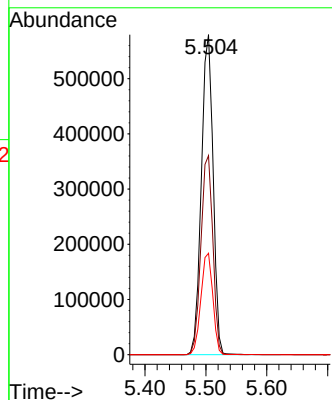
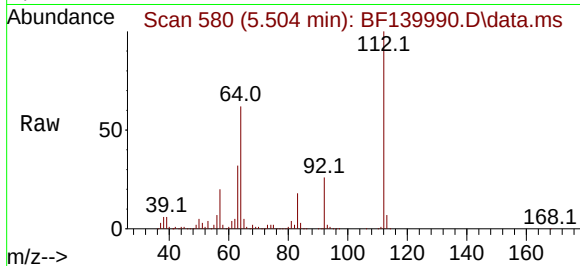




#5
2-Fluorophenol
Concen: 75.645 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

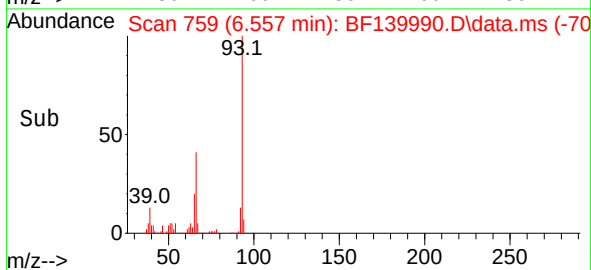
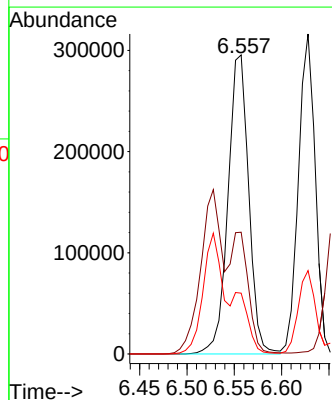
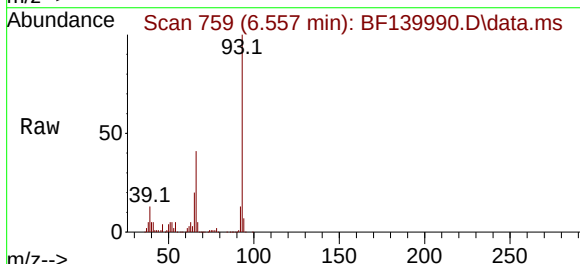
Instrument :
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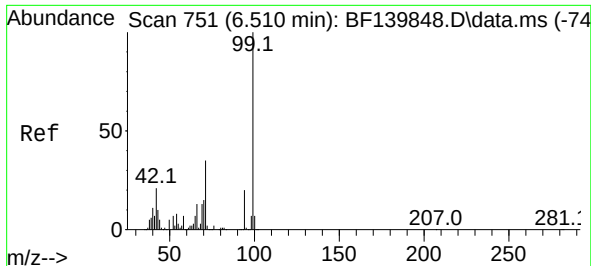
Tgt Ion:112 Resp: 774298
Ion Ratio Lower Upper
112 100
64 62.2 53.0 79.6
63 31.7 27.0 40.4



#6
Aniline
Concen: 36.450 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

Tgt Ion: 93 Resp: 450356
Ion Ratio Lower Upper
93 100
66 40.7 34.0 51.0
65 20.3 17.4 26.0

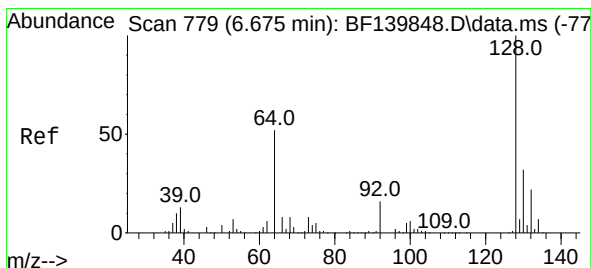
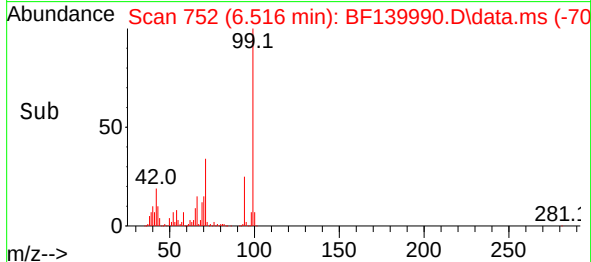
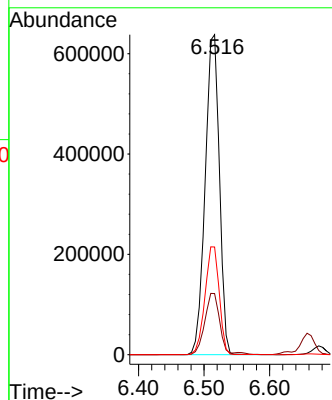
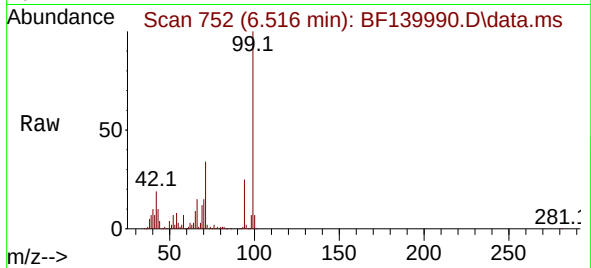




#7
Phenol-d6
Concen: 72.737 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

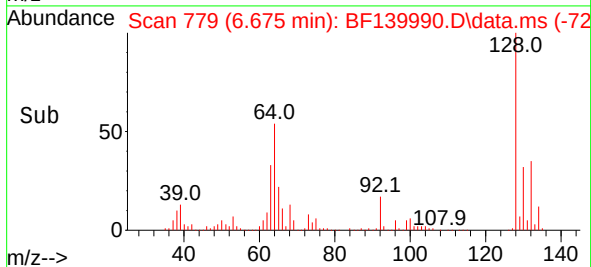
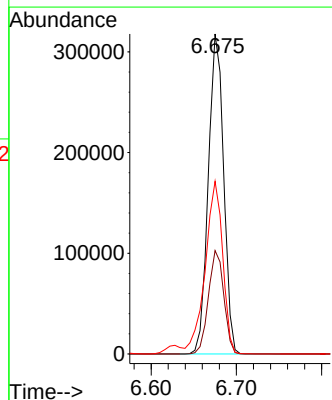
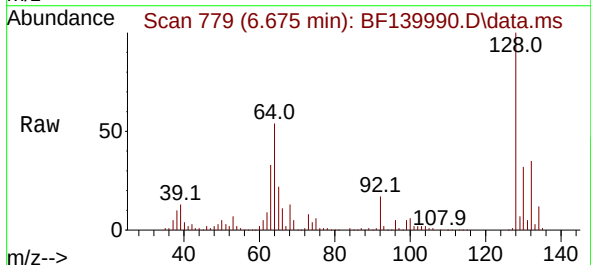
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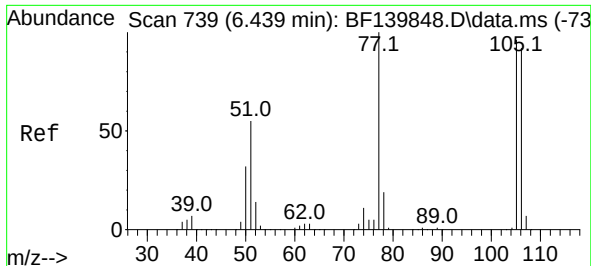
Tgt Ion: 99 Resp: 964287
Ion Ratio Lower Upper
99 100
42 19.1 16.7 25.1
71 33.7 27.7 41.5



#8
2-Chlorophenol
Concen: 37.976 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

Tgt Ion:128 Resp: 397388
Ion Ratio Lower Upper
128 100
130 32.3 12.3 52.3
64 54.0 34.6 74.6





#9

Benzaldehyde

Concen: 35.697 ng

RT: 6.440 min Scan# 74

Delta R.T. 0.001 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

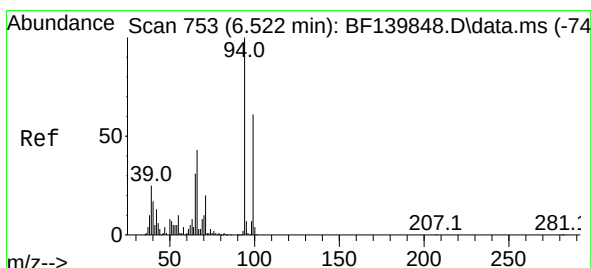
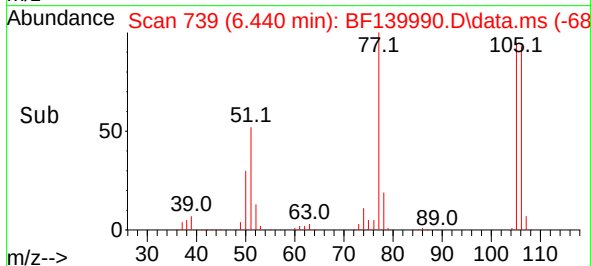
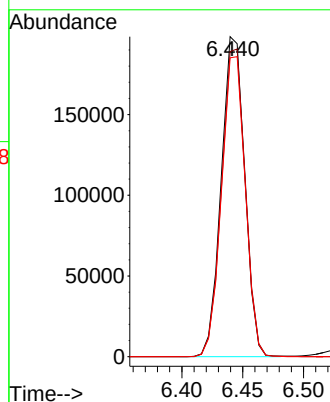
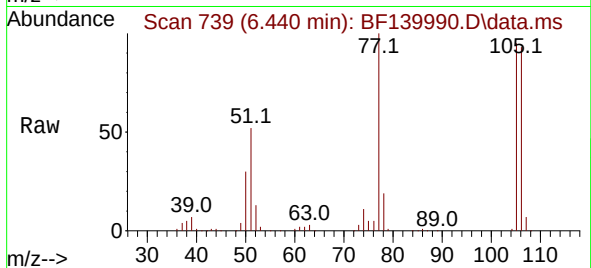
Tgt Ion: 77 Resp: 266226

Ion Ratio Lower Upper

77 100

105 95.4 75.5 115.5

106 93.4 71.7 111.7



#10

Phenol

Concen: 38.056 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

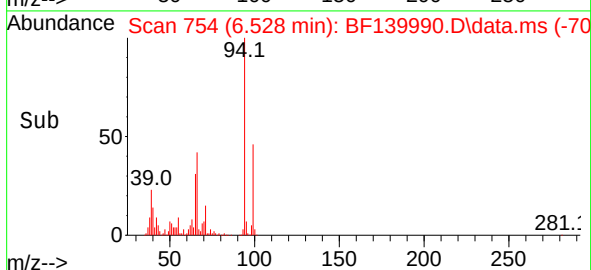
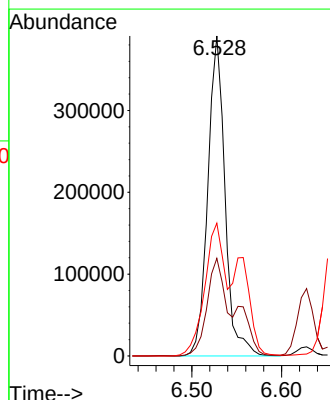
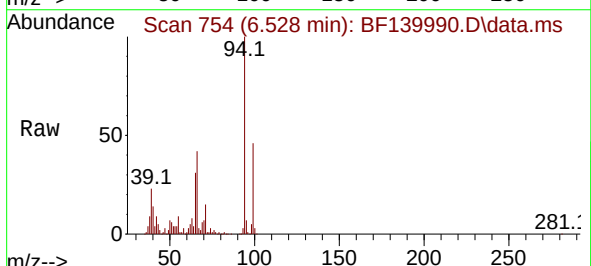
Tgt Ion: 94 Resp: 520127

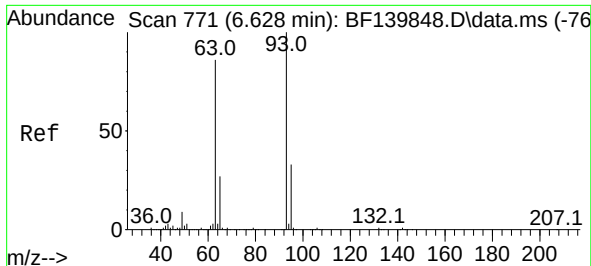
Ion Ratio Lower Upper

94 100

65 30.5 11.1 51.1

66 41.5 22.7 62.7

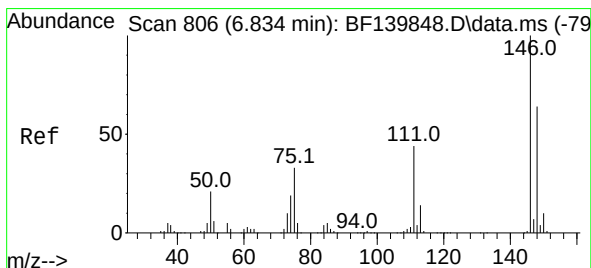
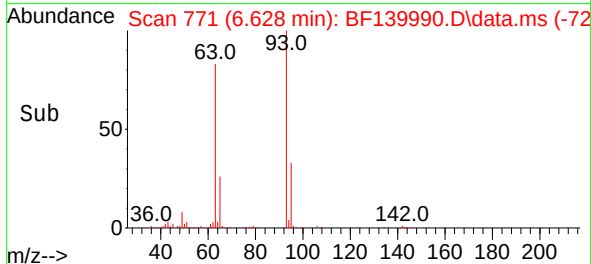
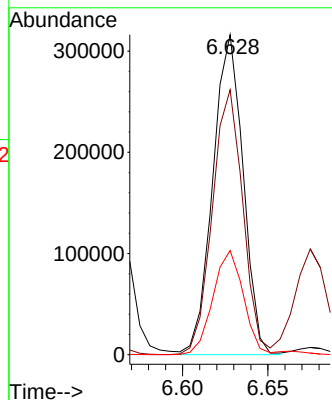
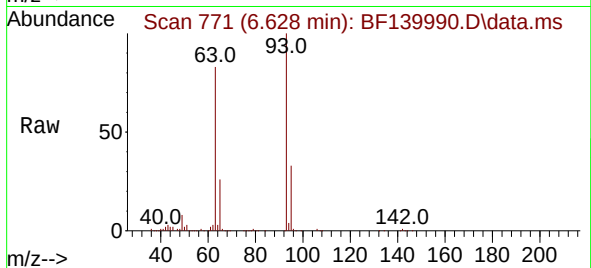




#11
bis(2-Chloroethyl)ether
Concen: 36.961 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

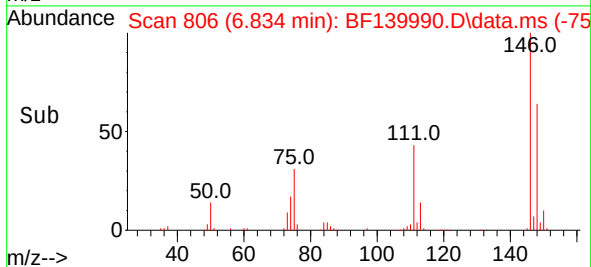
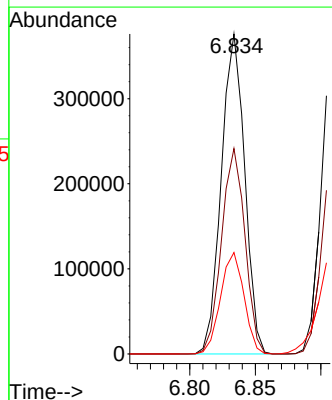
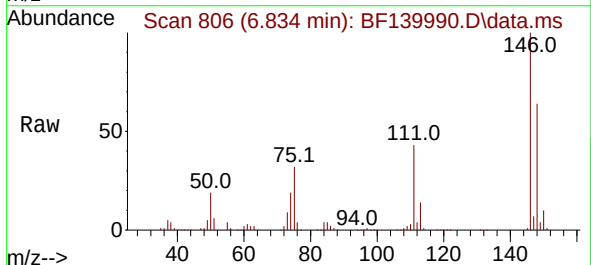
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

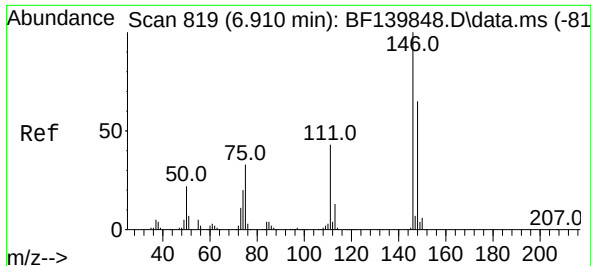
Tgt Ion: 93 Resp: 390457
Ion Ratio Lower Upper
93 100
63 82.8 65.0 105.0
95 32.5 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 38.824 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

Tgt Ion:146 Resp: 466352
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.4
75 31.7 26.4 39.6

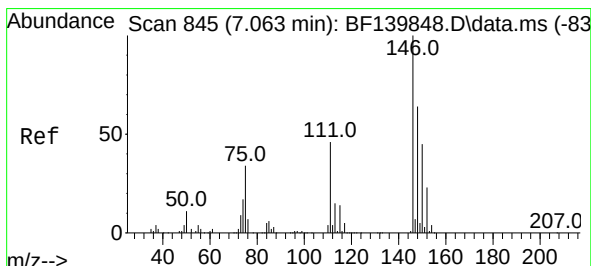
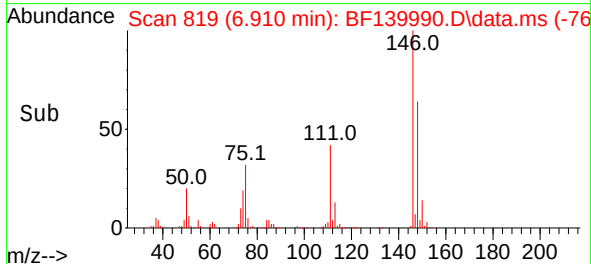
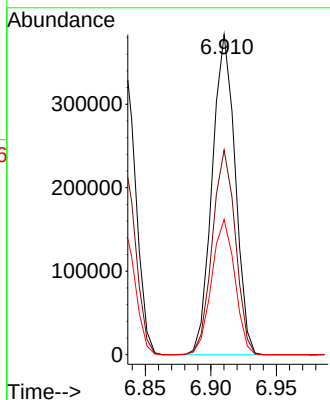
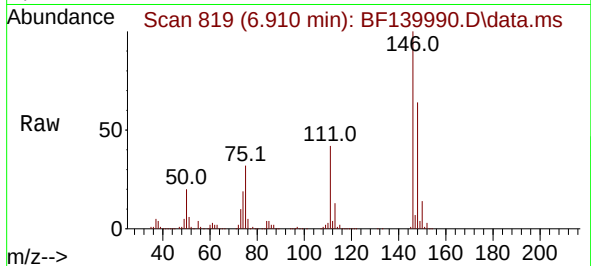




#13
1,4-Dichlorobenzene
Concen: 38.944 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

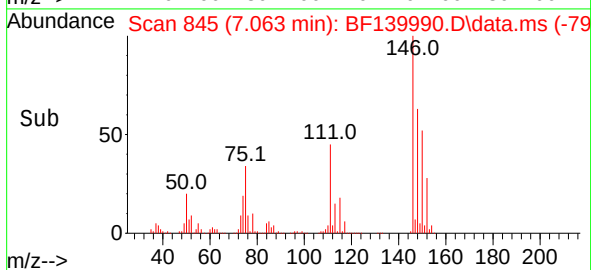
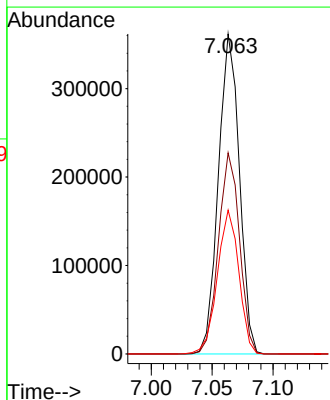
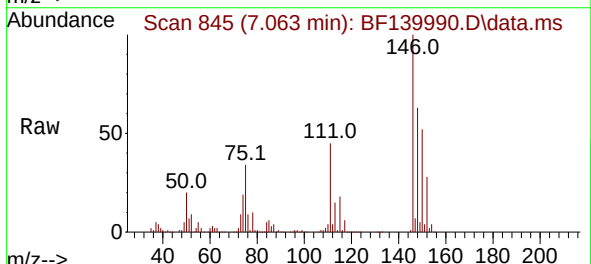
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

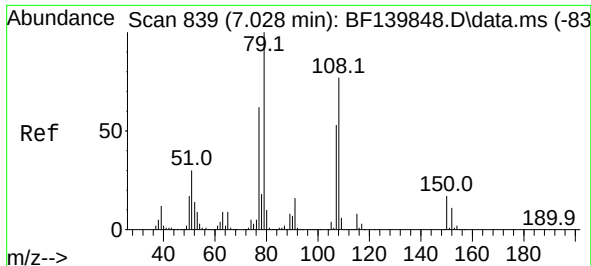
Tgt Ion:146 Resp: 467360
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
111 42.3 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 38.796 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

Tgt Ion:146 Resp: 434528
Ion Ratio Lower Upper
146 100
148 62.8 51.4 77.2
111 44.9 36.7 55.1





#15

Benzyl Alcohol

Concen: 37.109 ng

RT: 7.028 min Scan# 839

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

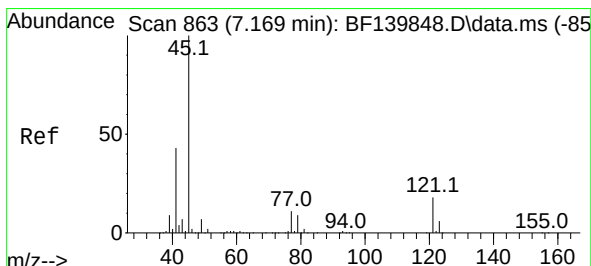
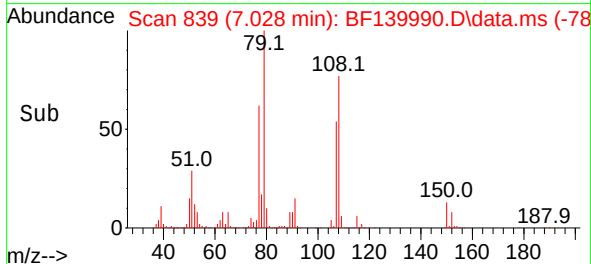
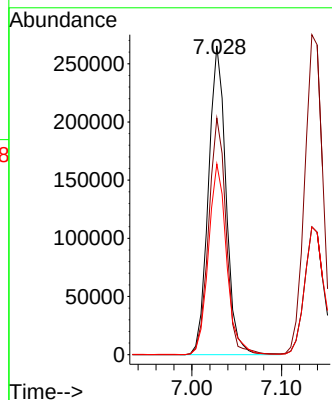
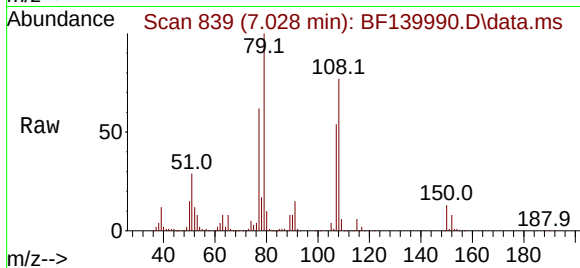
Tgt Ion: 79 Resp: 360873

Ion Ratio Lower Upper

79 100

108 76.6 61.4 92.0

77 61.8 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.465 ng

RT: 7.163 min Scan# 862

Delta R.T. -0.006 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

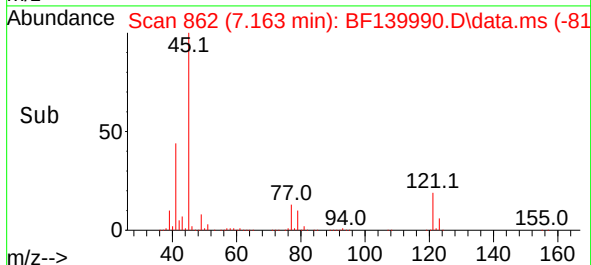
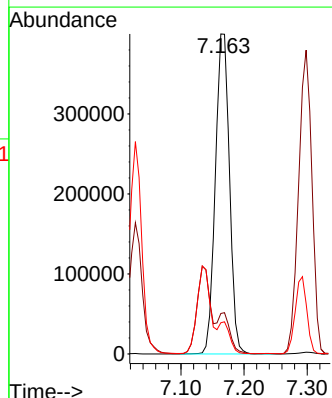
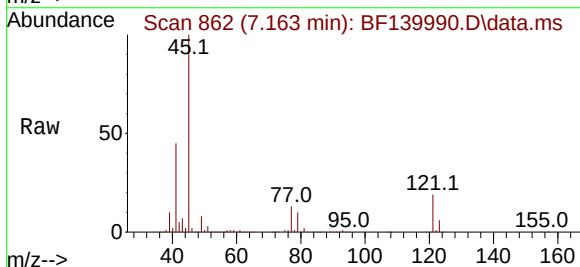
Tgt Ion: 45 Resp: 620809

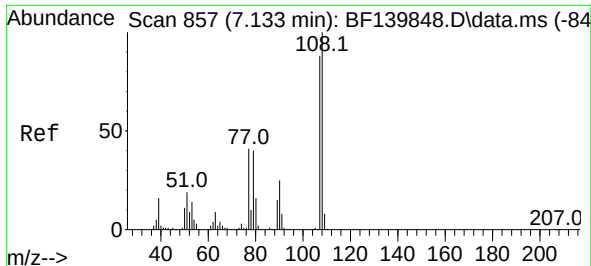
Ion Ratio Lower Upper

45 100

77 12.7 0.0 31.5

79 9.8 0.0 29.1

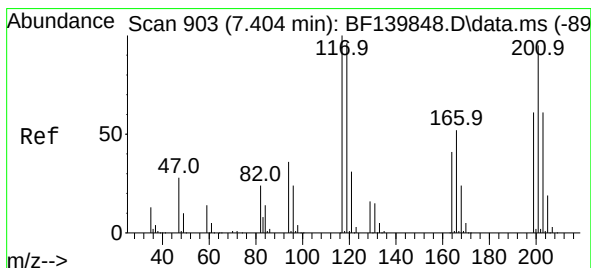
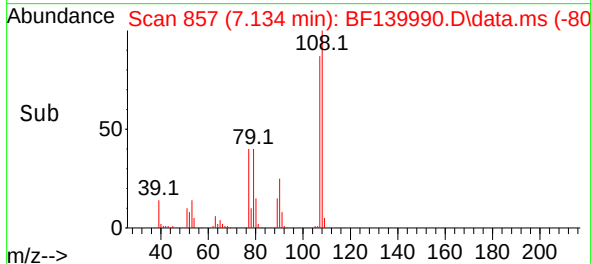
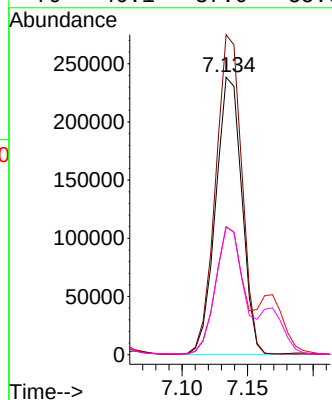
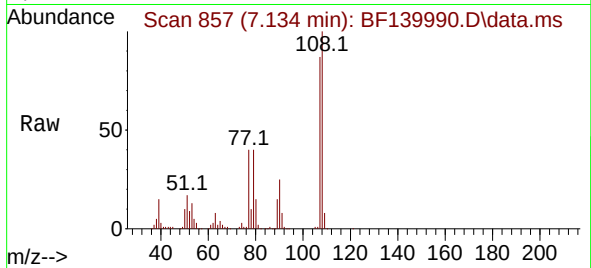




#17
2-Methylphenol
Concen: 37.003 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

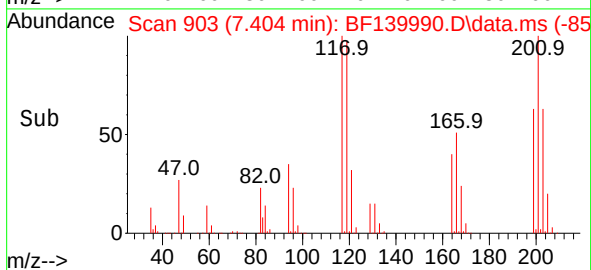
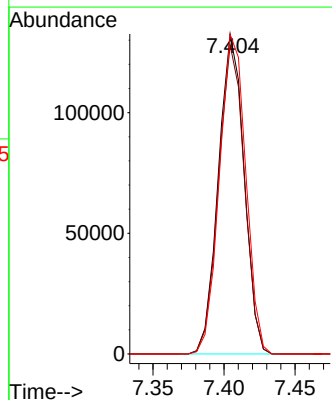
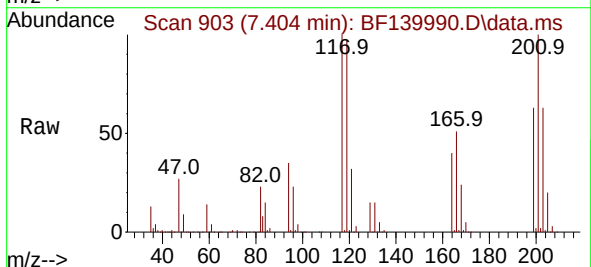
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

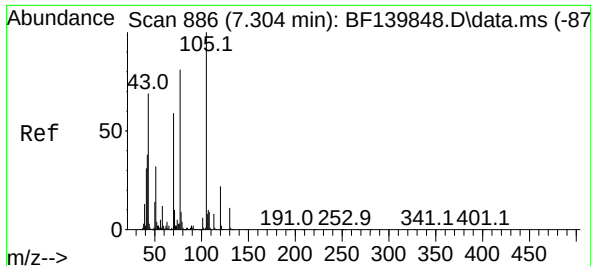
Tgt Ion:	107	Resp:	330173
Ion	Ratio	Lower	Upper
107	100		
108	115.4	91.3	136.9
77	46.1	37.1	55.7
79	46.1	37.0	55.6



#18
Hexachloroethane
Concen: 39.033 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

Tgt Ion:	117	Resp:	167043
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.0	115.4
201	99.9	76.2	114.4





#19

n-Nitroso-di-n-propylamine

Concen: 35.083 ng

RT: 7.304 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 282083

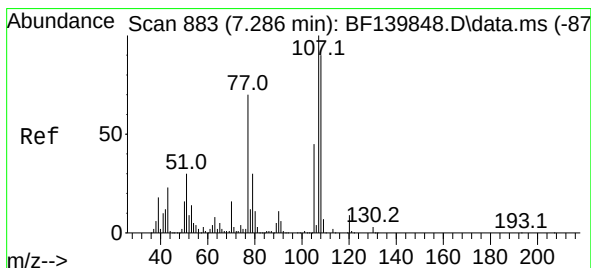
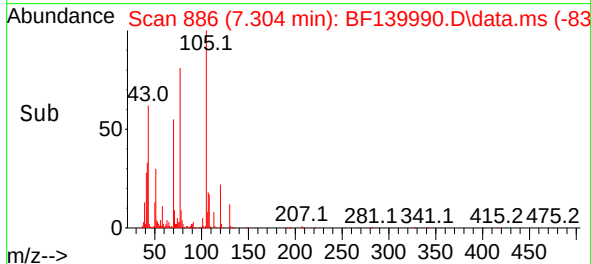
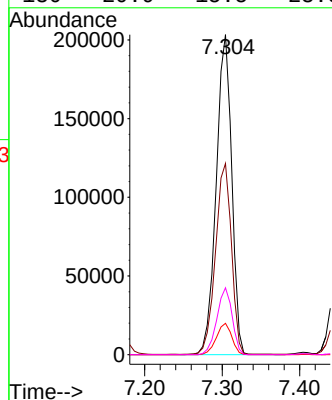
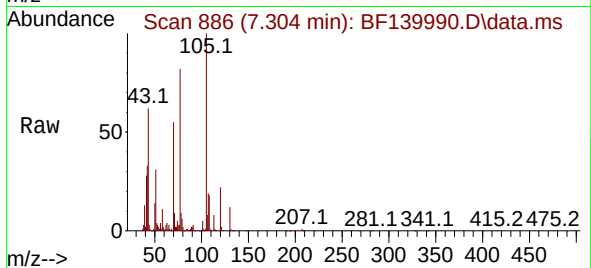
Ion Ratio Lower Upper

70 100

42 59.8 51.5 77.3

101 9.8 7.5 11.3

130 20.9 15.5 23.3



#20

3+4-Methylphenols

Concen: 36.467 ng

RT: 7.292 min Scan# 884

Delta R.T. 0.006 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

Tgt Ion: 107 Resp: 416195

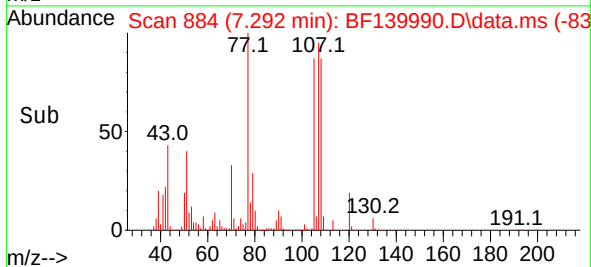
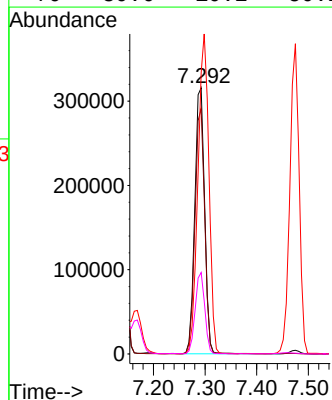
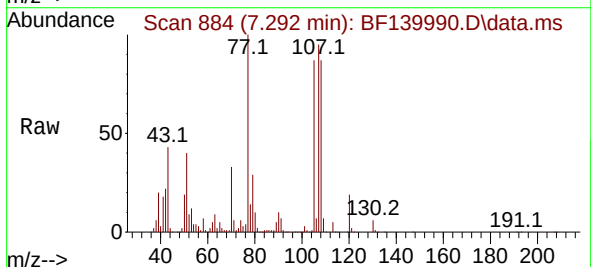
Ion Ratio Lower Upper

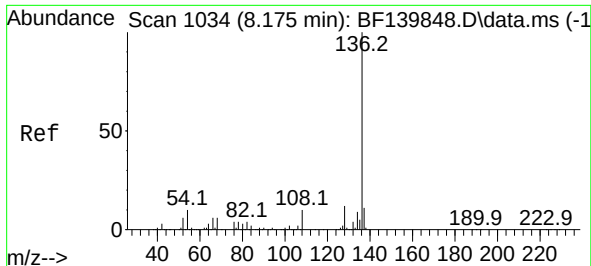
107 100

108 92.2 69.8 109.8

77 105.6 50.5 90.5#

79 30.6 10.2 50.2



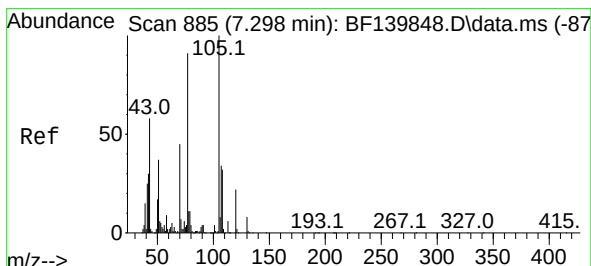
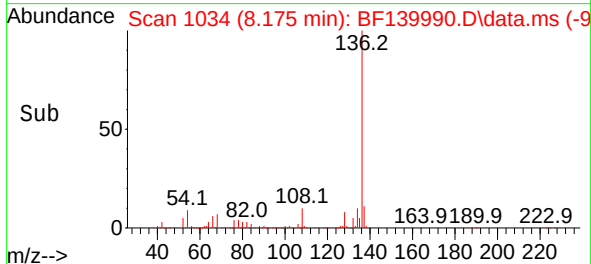
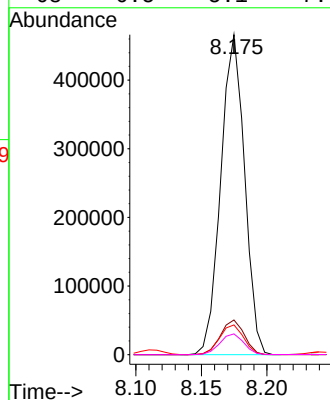
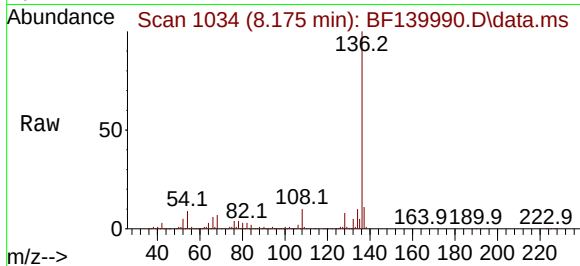


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 587754

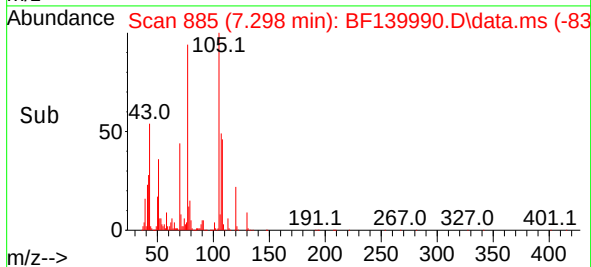
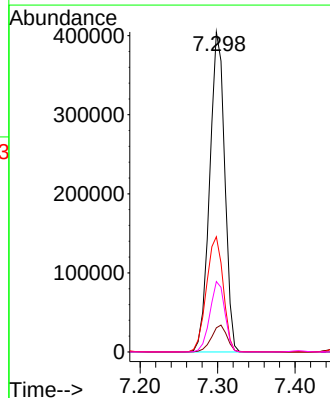
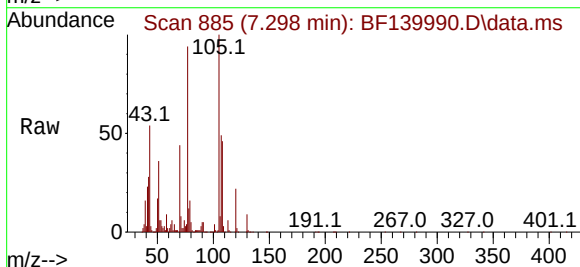
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.3	8.4	12.6
68	6.5	5.1	7.7

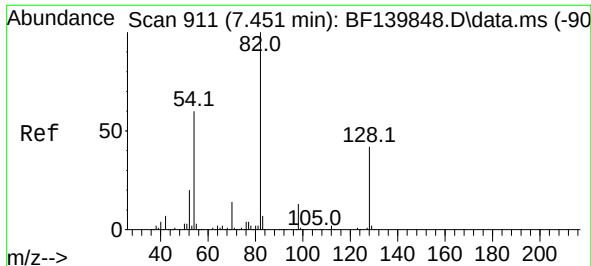


#22
Acetophenone
Concen: 37.912 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

Tgt Ion:105 Resp: 545776

Ion	Ratio	Lower	Upper
105	100		
71	7.6	5.9	8.9
51	36.0	29.4	44.2
120	22.0	17.5	26.3

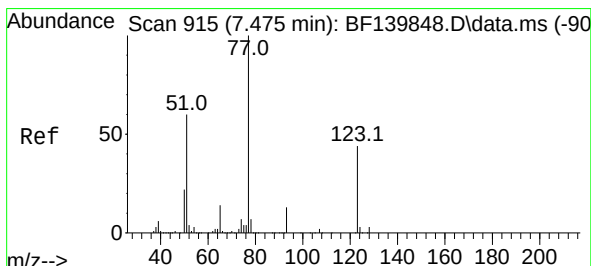
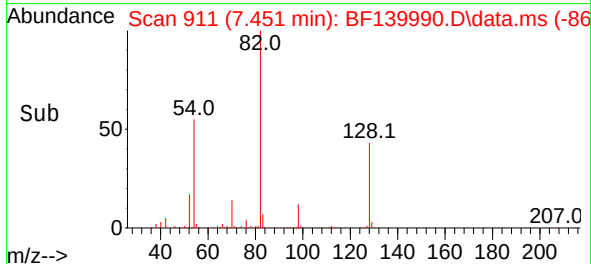
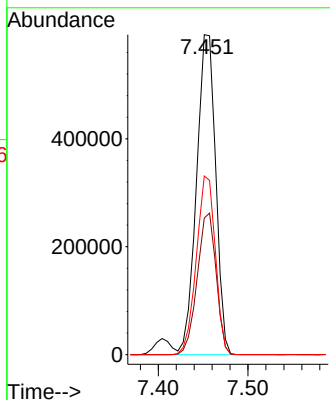
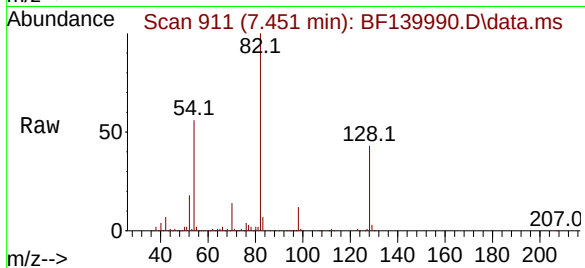




#23
Nitrobenzene-d5
Concen: 82.866 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

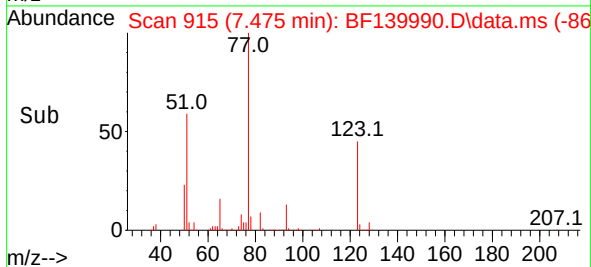
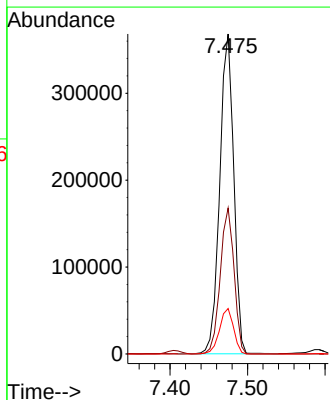
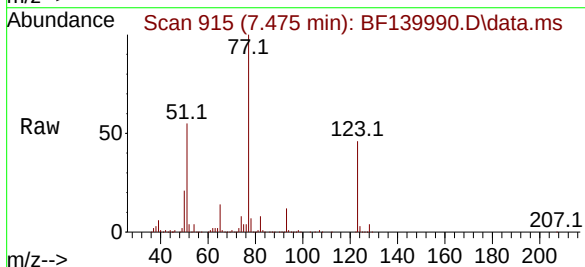
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

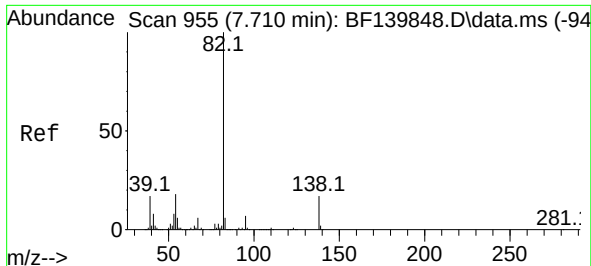
Tgt Ion: 82 Resp: 878769
Ion Ratio Lower Upper
82 100
128 42.7 33.4 50.0
54 55.8 47.8 71.8



#24
Nitrobenzene
Concen: 39.608 ng
RT: 7.475 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

Tgt Ion: 77 Resp: 460520
Ion Ratio Lower Upper
77 100
123 45.6 35.7 53.5
65 14.2 11.5 17.3

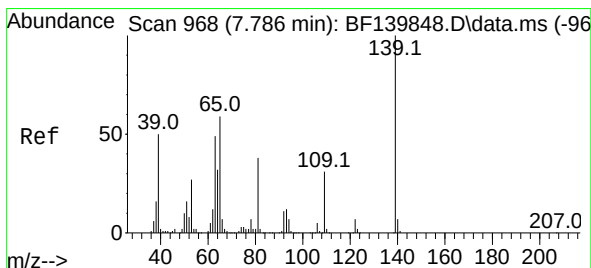
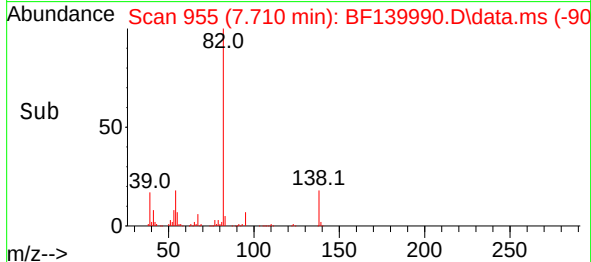
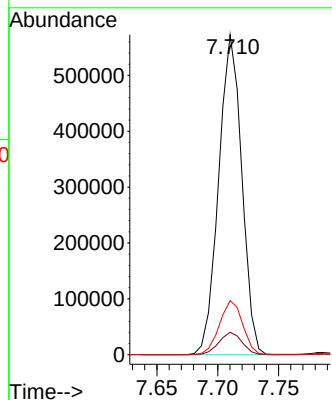
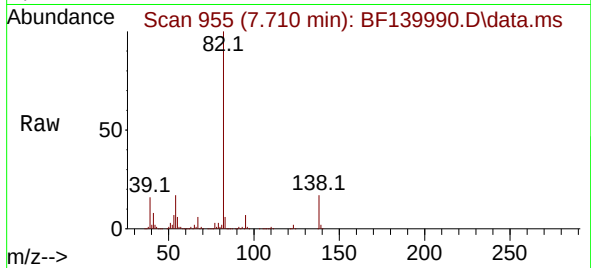




#25
Isophorone
Concen: 37.614 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

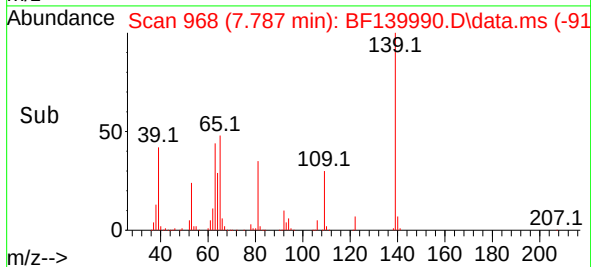
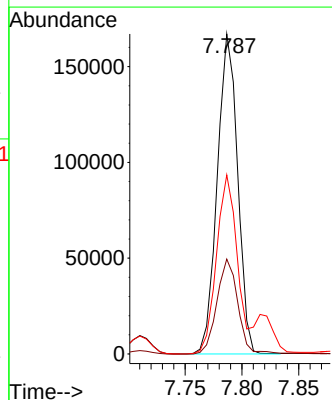
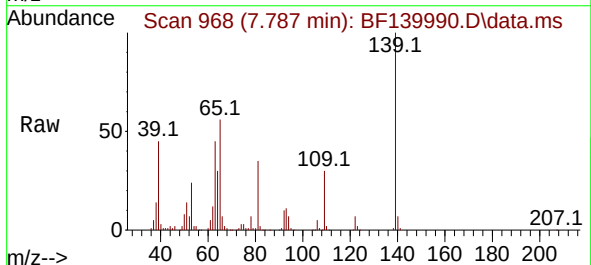
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

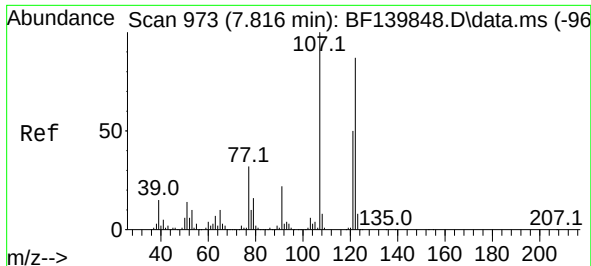
Tgt Ion: 82 Resp: 757098
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 16.9 13.2 19.8



#26
2-Nitrophenol
Concen: 47.492 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

Tgt Ion:139 Resp: 208316
Ion Ratio Lower Upper
139 100
109 29.7 25.1 37.7
65 56.0 47.5 71.3

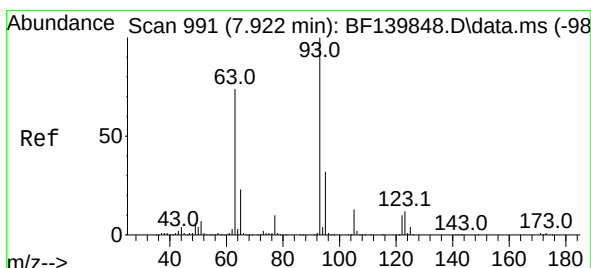
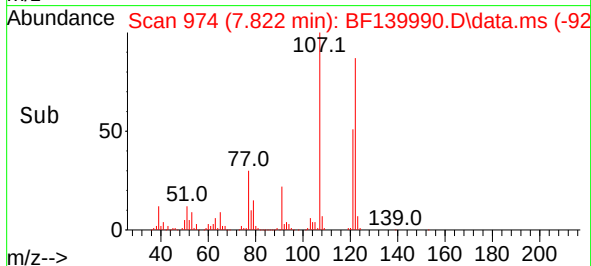
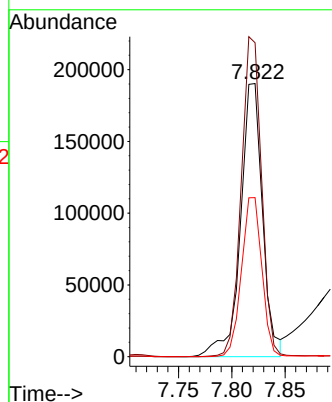
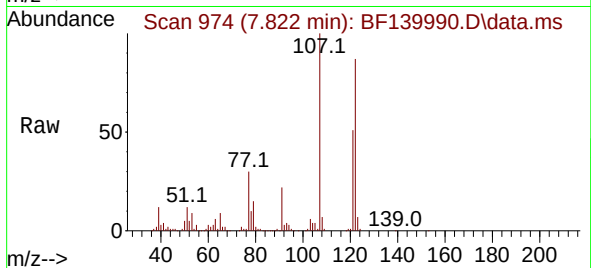




#27
2,4-Dimethylphenol
Concen: 37.550 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

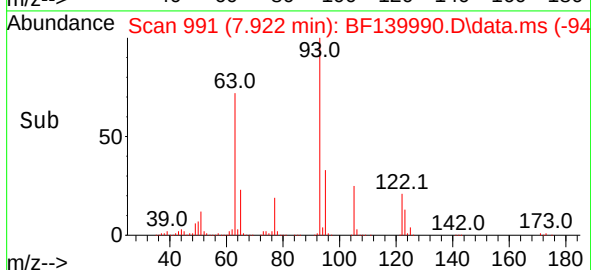
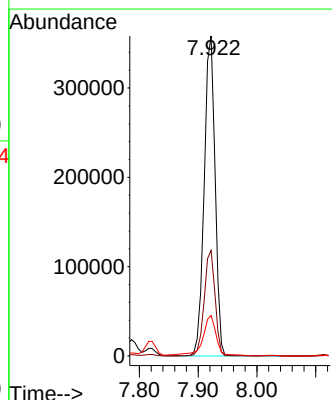
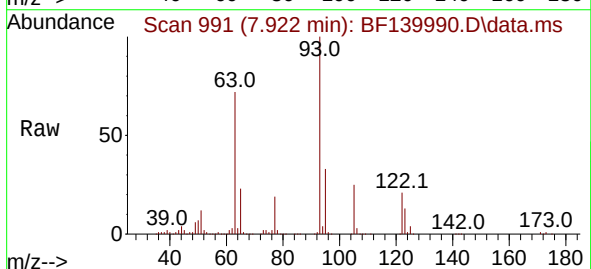
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

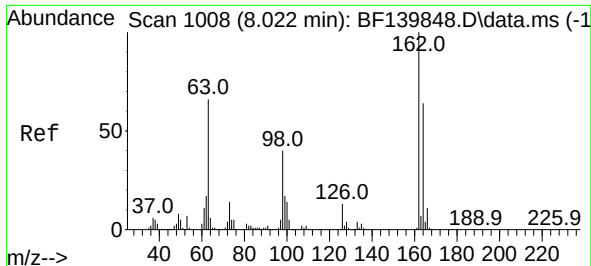
Tgt Ion:122 Resp: 274637
Ion Ratio Lower Upper
122 100
107 114.9 91.9 137.9
121 58.2 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 37.932 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

Tgt Ion: 93 Resp: 462579
Ion Ratio Lower Upper
93 100
95 33.0 26.0 39.0
123 12.7 9.8 14.8

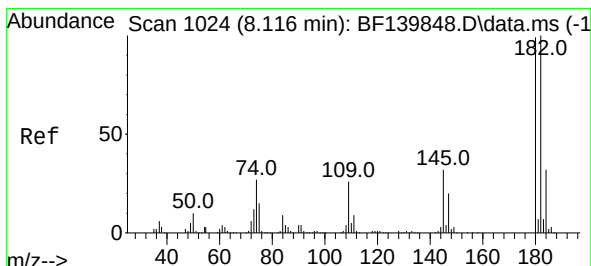
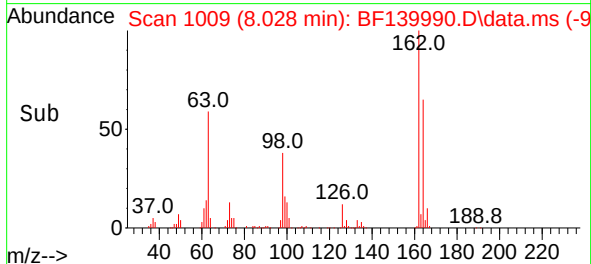
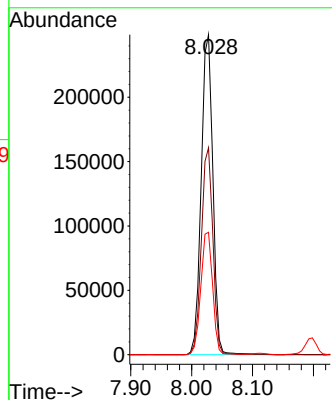
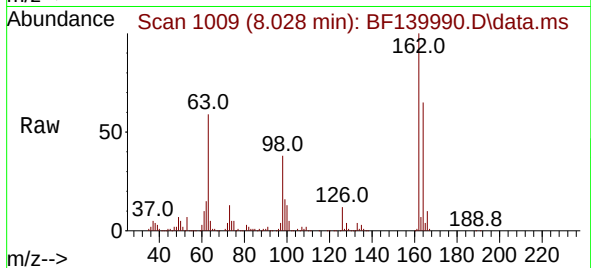




#29
2,4-Dichlorophenol
Concen: 39.521 ng
RT: 8.028 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

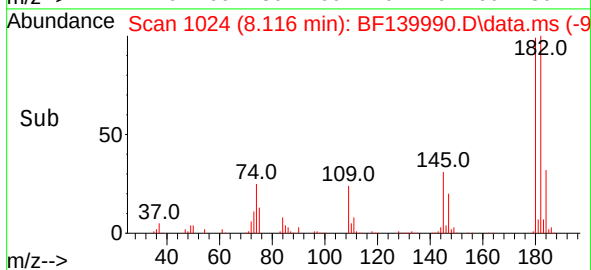
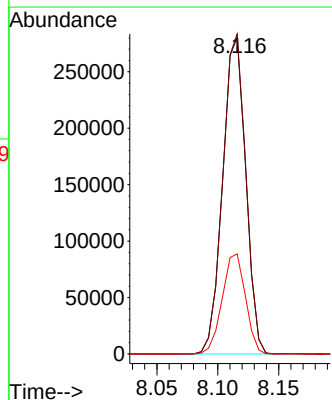
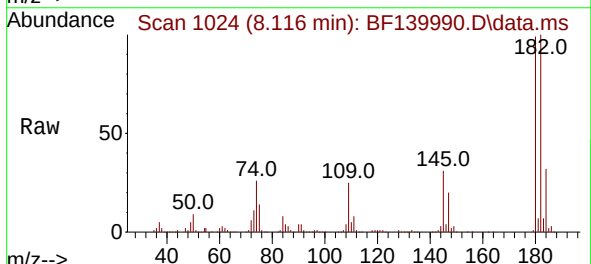
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

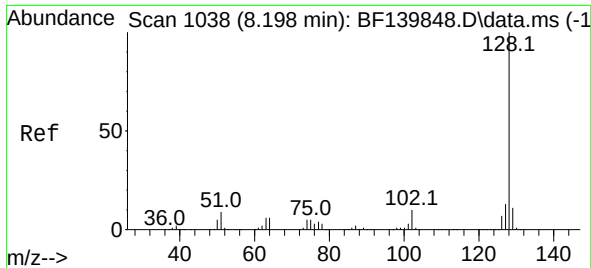
Tgt Ion:162 Resp: 329245
Ion Ratio Lower Upper
162 100
164 64.6 43.9 83.9
98 38.2 19.9 59.9



#30
1,2,4-Trichlorobenzene
Concen: 40.140 ng
RT: 8.116 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

Tgt Ion:180 Resp: 370013
Ion Ratio Lower Upper
180 100
182 101.1 80.5 120.7
145 31.6 25.4 38.0

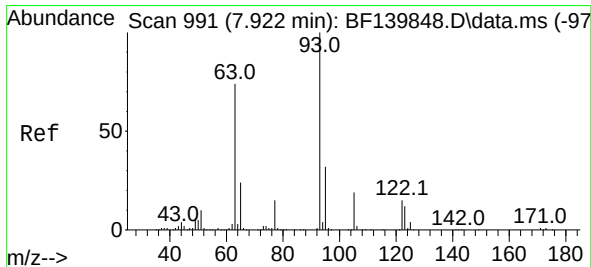
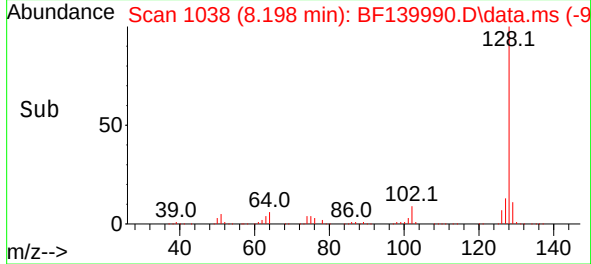
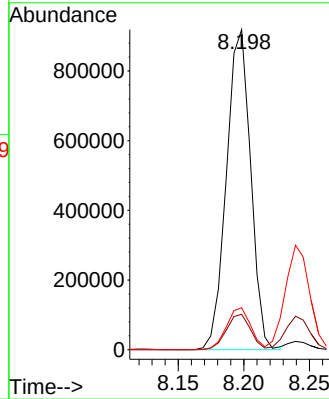
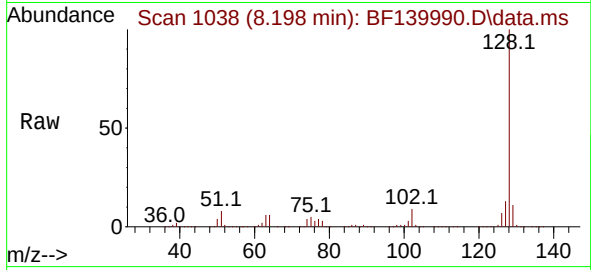




#31
Naphthalene
Concen: 38.897 ng
RT: 8.198 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

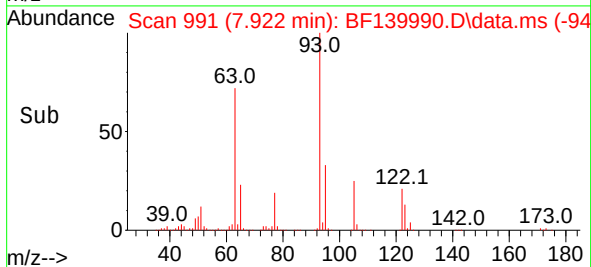
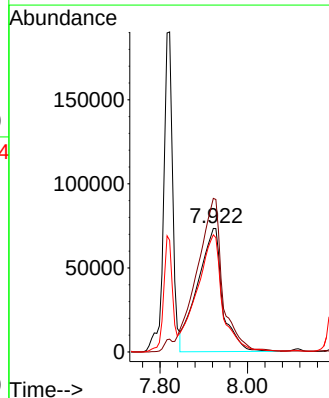
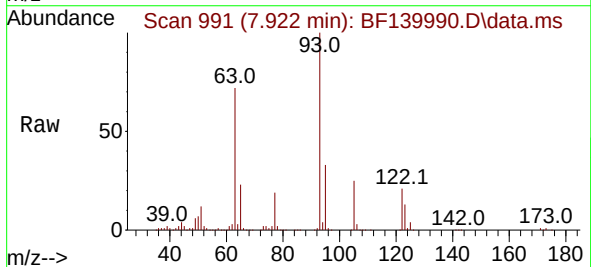
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

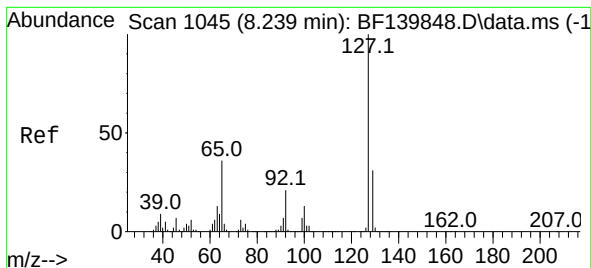
Tgt Ion:128 Resp: 1179077
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 45.616 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

Tgt Ion:122 Resp: 290994
Ion Ratio Lower Upper
122 100
105 124.2 107.6 147.6
77 94.7 80.2 120.2





#33

4-Chloroaniline

Concen: 38.001 ng

RT: 8.239 min Scan# 1045

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 392794

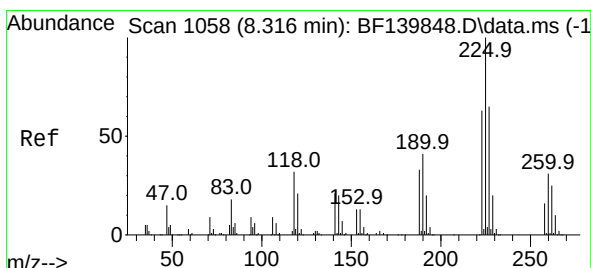
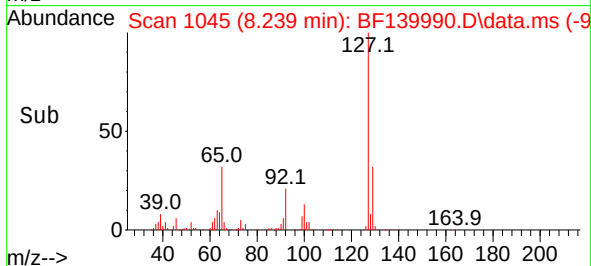
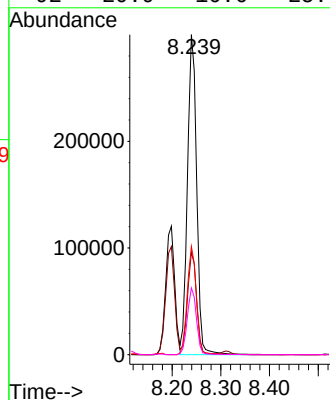
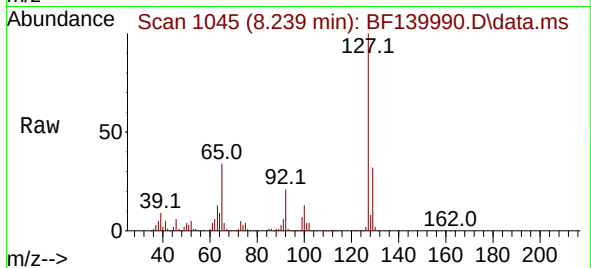
Ion Ratio Lower Upper

127 100

129 32.0 25.4 38.2

65 33.8 28.4 42.6

92 20.9 16.6 25.0



#34

Hexachlorobutadiene

Concen: 41.060 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.006 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

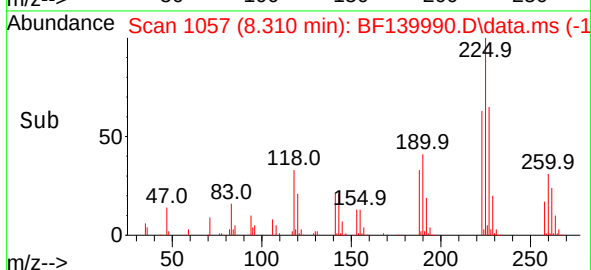
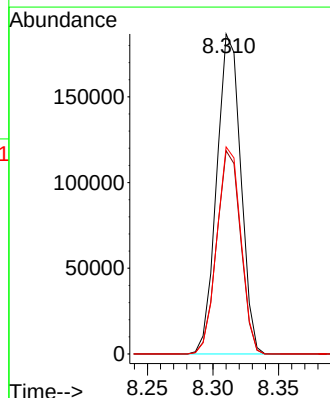
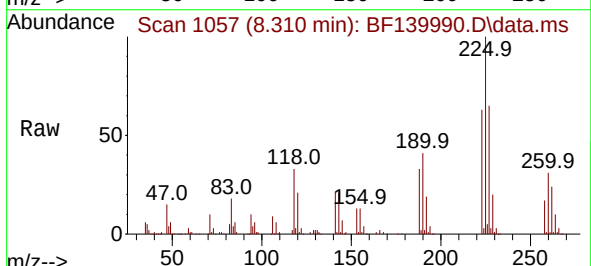
Tgt Ion:225 Resp: 237818

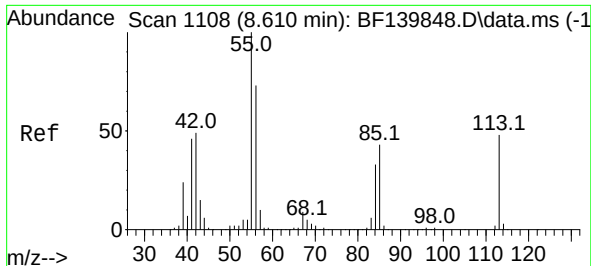
Ion Ratio Lower Upper

225 100

223 63.5 50.6 76.0

227 64.7 51.8 77.8

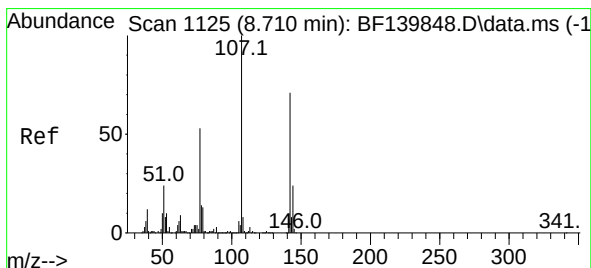
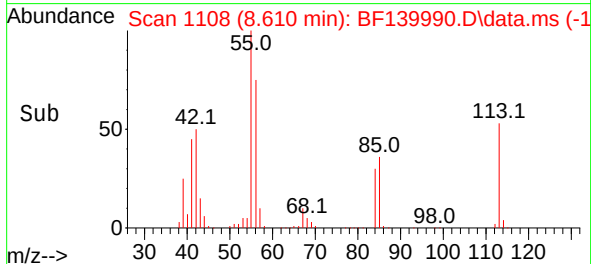
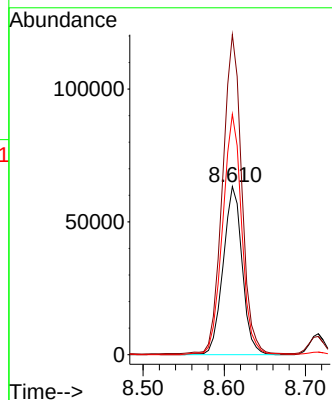
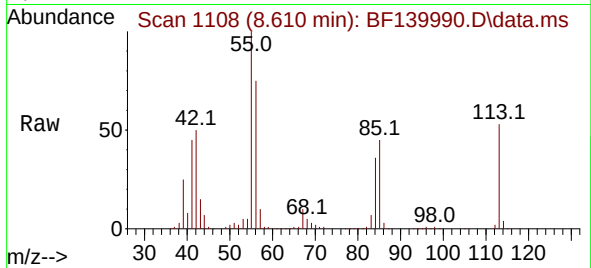




#35
Caprolactam
Concen: 38.918 ng
RT: 8.610 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

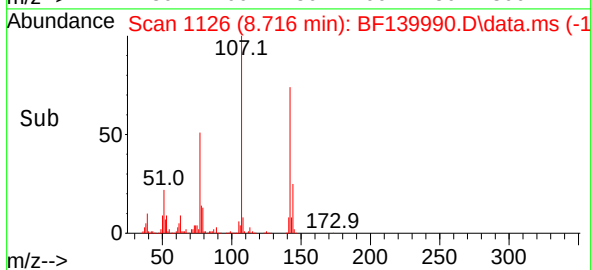
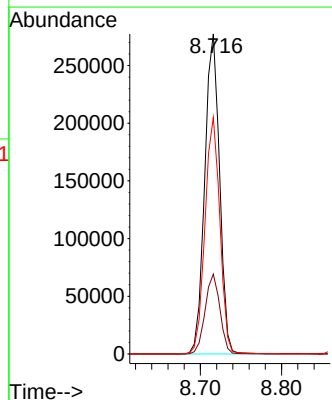
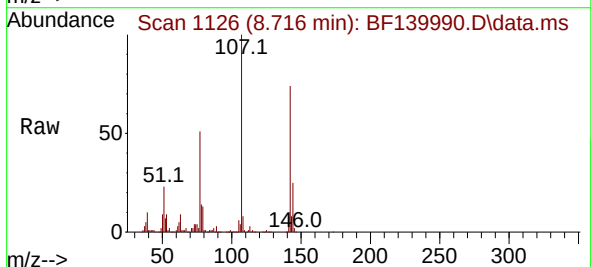
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

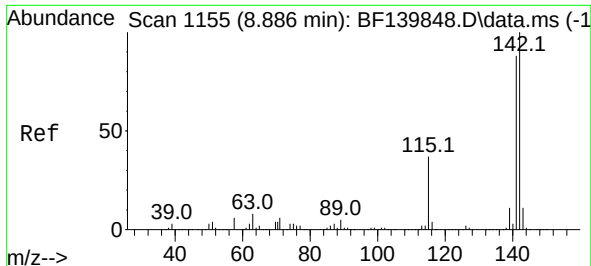
Tgt Ion:113 Resp: 103091
Ion Ratio Lower Upper
113 100
55 190.2 189.2 229.2
56 143.0 132.5 172.5



#36
4-Chloro-3-methylphenol
Concen: 38.132 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

Tgt Ion:107 Resp: 351754
Ion Ratio Lower Upper
107 100
144 25.0 19.1 28.7
142 73.9 57.2 85.8





#37

2-Methylnaphthalene

Concen: 38.975 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

Instrument :

BNA_F

ClientSampleId :

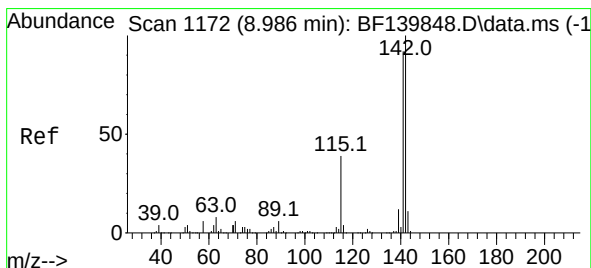
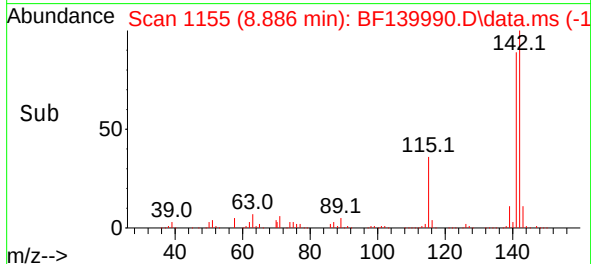
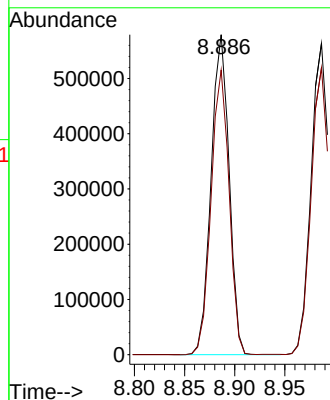
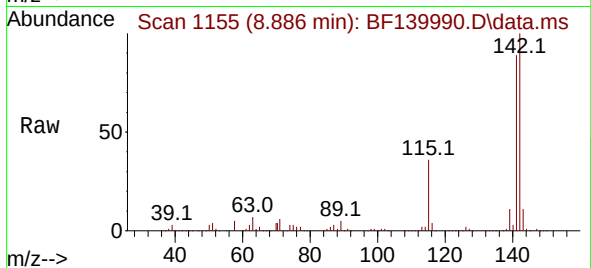
SSTDCCC040

Tgt Ion:142 Resp: 723557

Ion Ratio Lower Upper

142 100

141 89.0 70.8 106.2



#38

1-Methylnaphthalene

Concen: 38.809 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139990.D

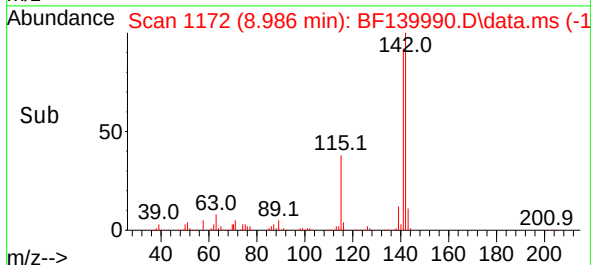
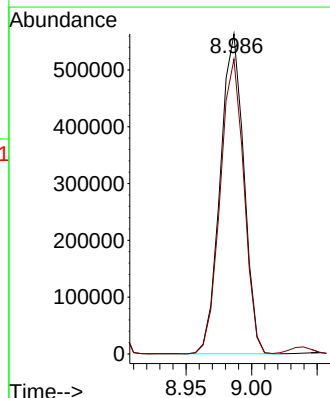
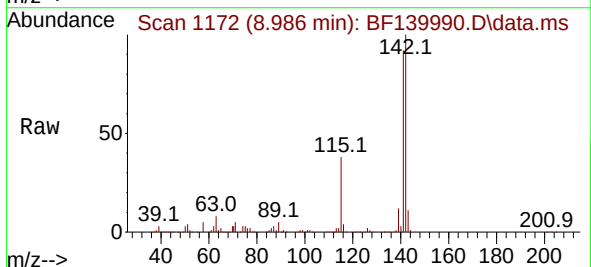
Acq: 24 Oct 2024 09:55

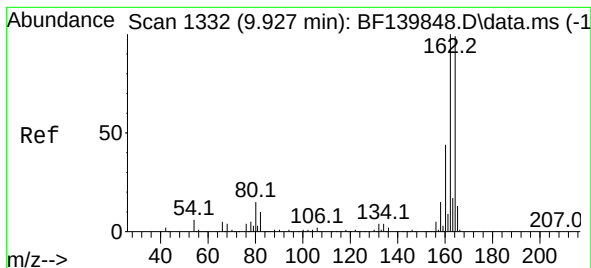
Tgt Ion:142 Resp: 706876

Ion Ratio Lower Upper

142 100

141 92.1 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: BF139990.D

Acq: 24 Oct 2024 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

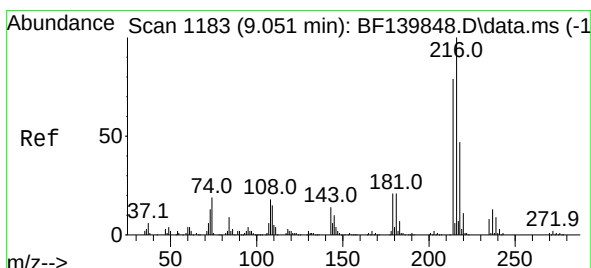
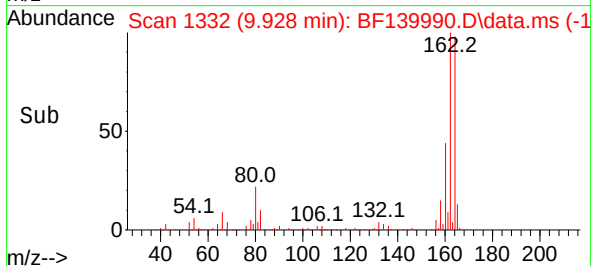
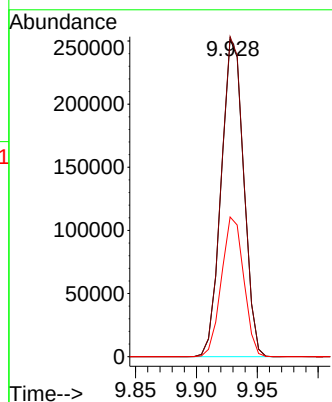
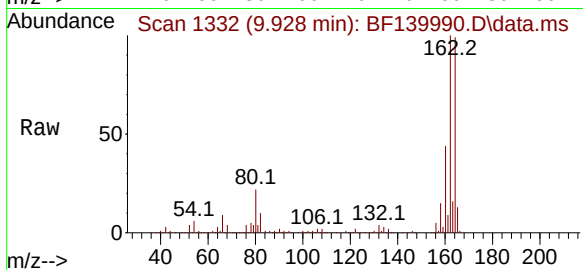
Tgt Ion:164 Resp: 322730

Ion Ratio Lower Upper

164 100

162 100.7 81.0 121.4

160 43.9 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.864 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

Tgt Ion:216 Resp: 355797

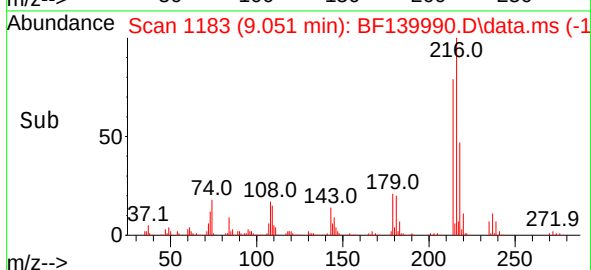
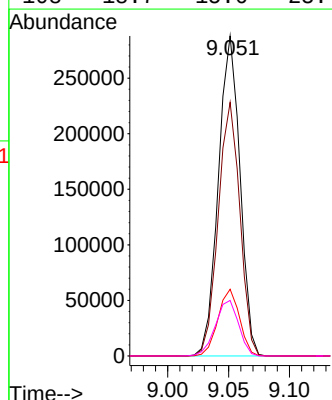
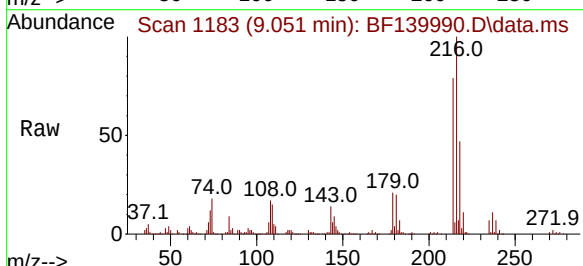
Ion Ratio Lower Upper

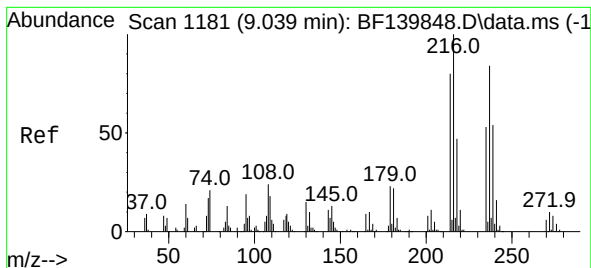
216 100

214 79.3 63.4 95.0

179 20.8 17.2 25.8

108 18.7 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 44.115 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

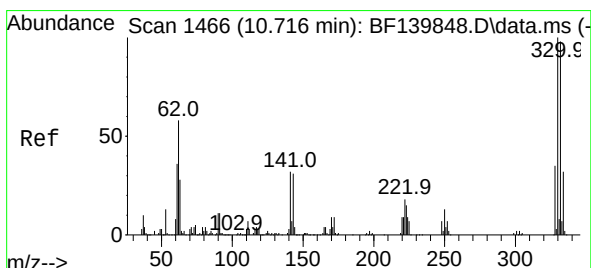
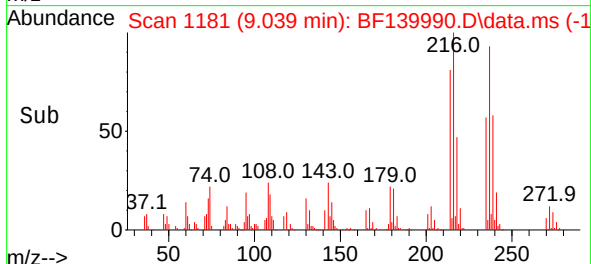
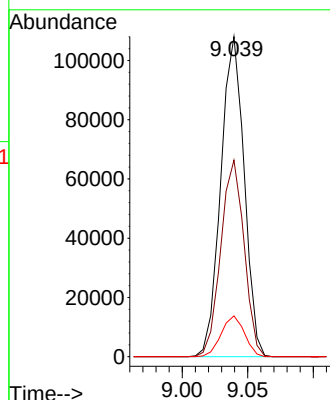
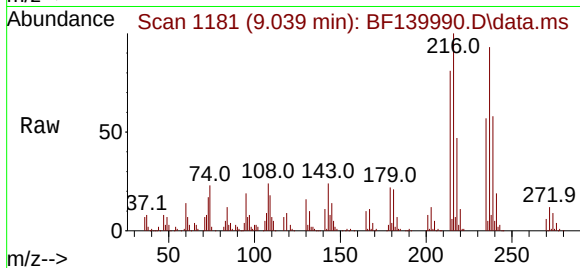
Tgt Ion:237 Resp: 133648

Ion Ratio Lower Upper

237 100

235 61.4 42.9 82.9

272 12.8 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 87.672 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

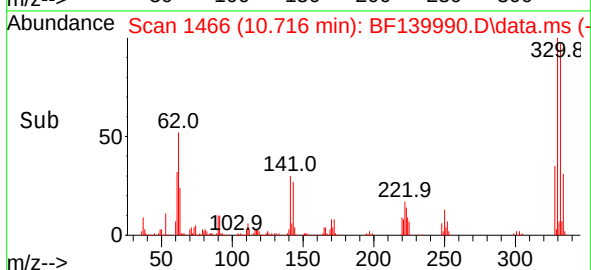
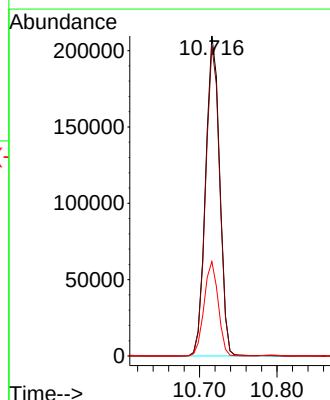
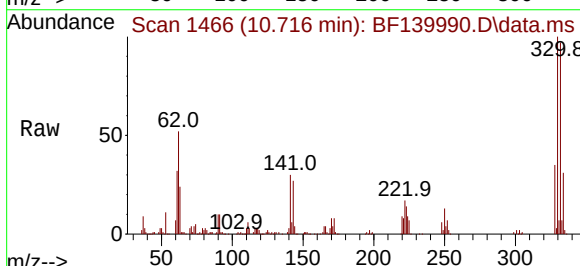
Tgt Ion:330 Resp: 264656

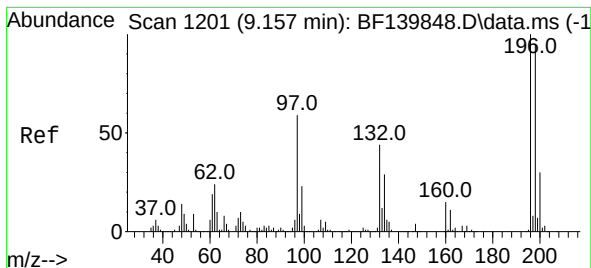
Ion Ratio Lower Upper

330 100

332 96.8 78.1 117.1

141 29.4 26.6 39.8

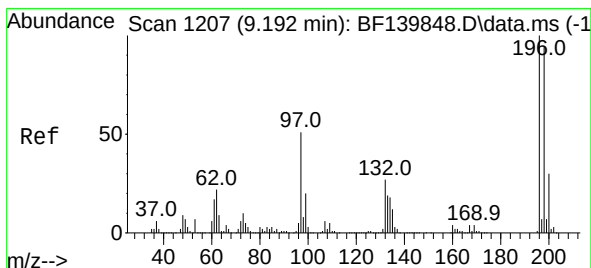
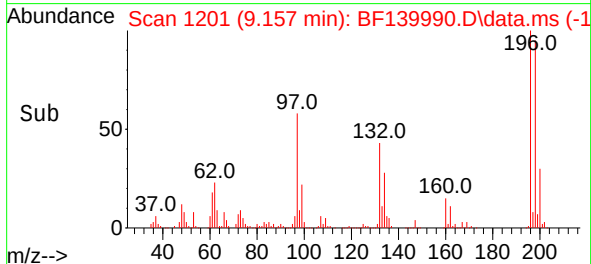
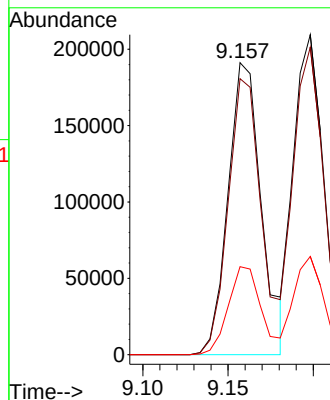
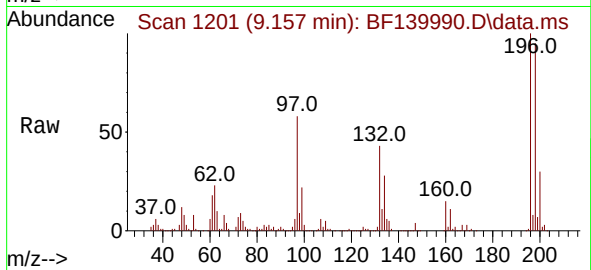




#43
2,4,6-Trichlorophenol
Concen: 42.231 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

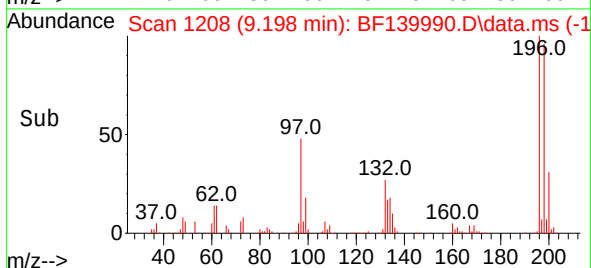
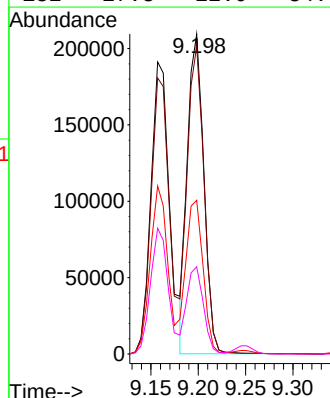
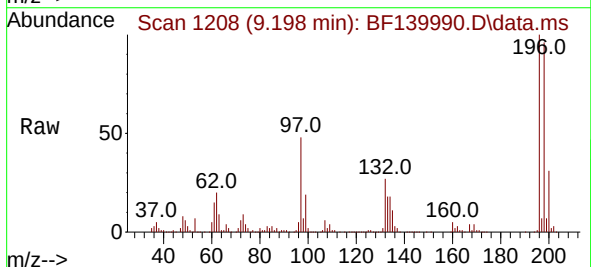
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

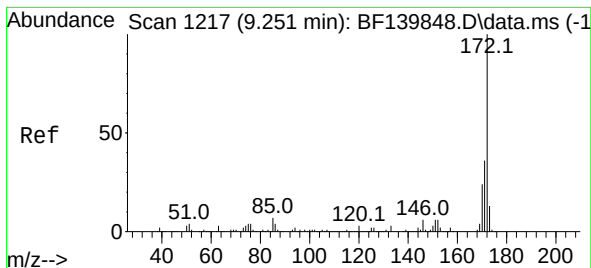
Tgt Ion:196 Resp: 260321
Ion Ratio Lower Upper
196 100
198 94.5 76.2 114.2
200 30.2 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 40.103 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

Tgt Ion:196 Resp: 255051
Ion Ratio Lower Upper
196 100
198 96.1 75.8 113.6
97 48.1 41.8 62.6
132 27.3 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 78.229 ng

RT: 9.251 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

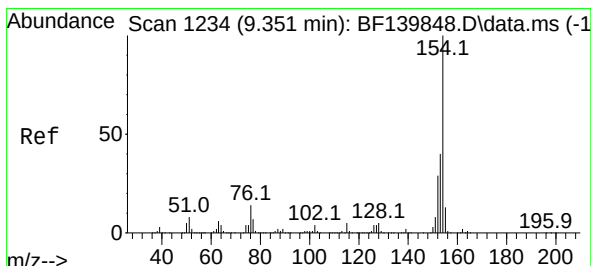
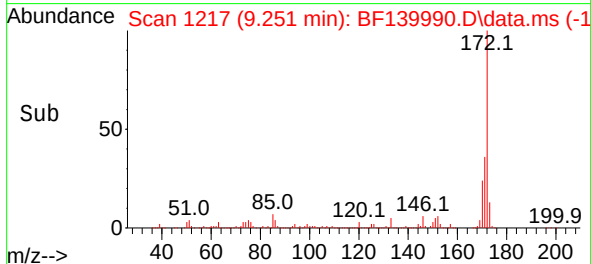
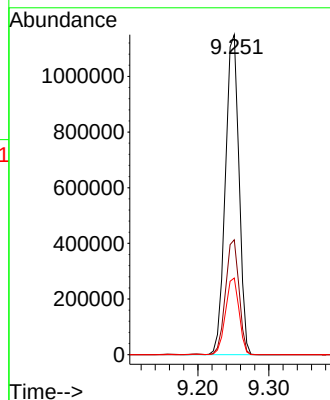
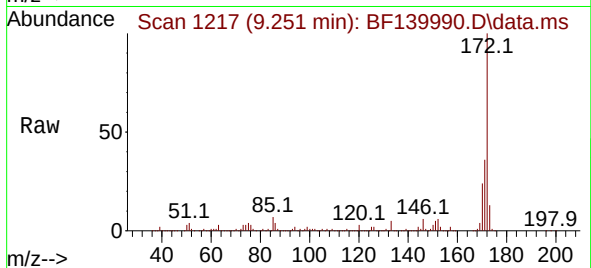
Tgt Ion:172 Resp: 1527609

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 24.0 19.1 28.7



#46

1,1'-Biphenyl

Concen: 39.383 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

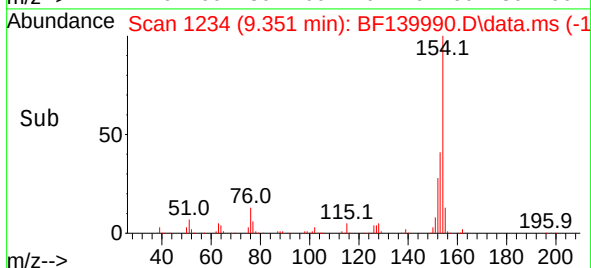
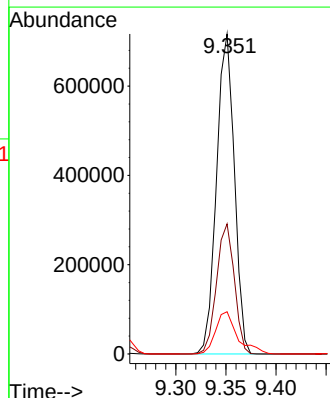
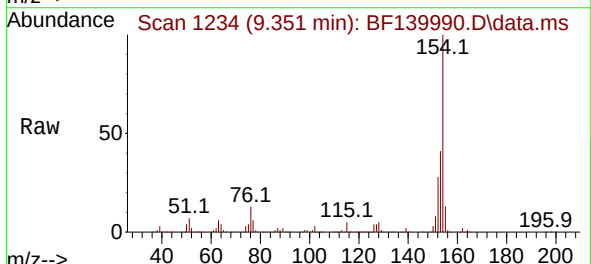
Tgt Ion:154 Resp: 884807

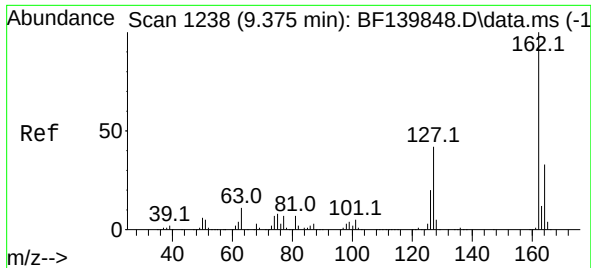
Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

76 13.2 0.0 33.9





#47

2-Chloronaphthalene

Concen: 39.600 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

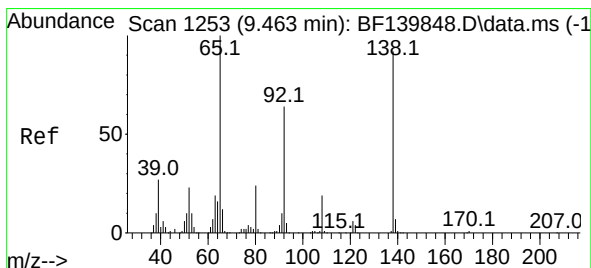
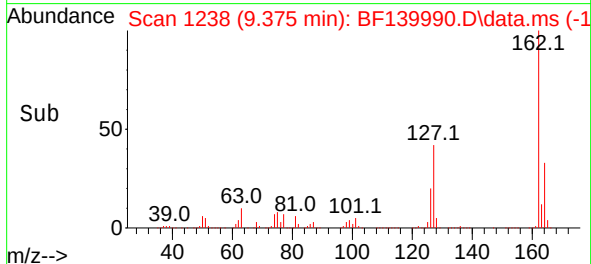
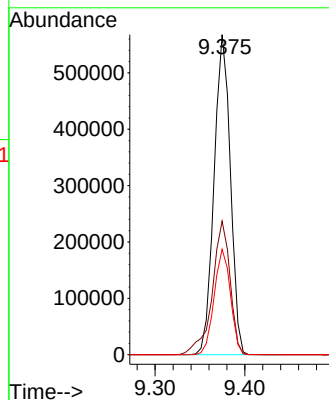
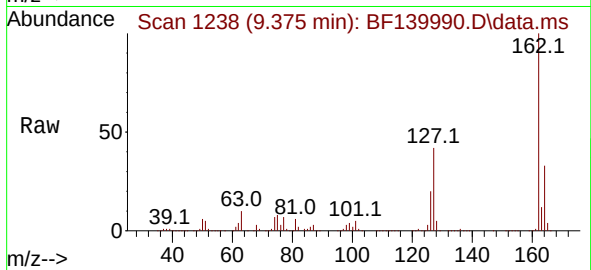
Tgt Ion:162 Resp: 716569

Ion Ratio Lower Upper

162 100

127 41.7 33.8 50.6

164 32.9 26.6 39.8



#48

2-Nitroaniline

Concen: 42.243 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

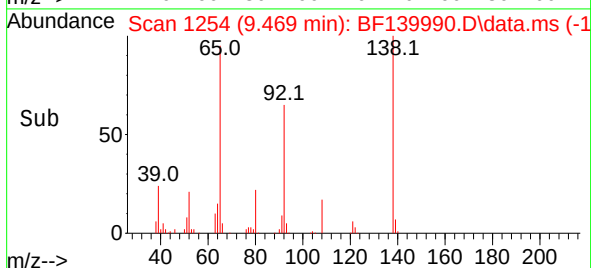
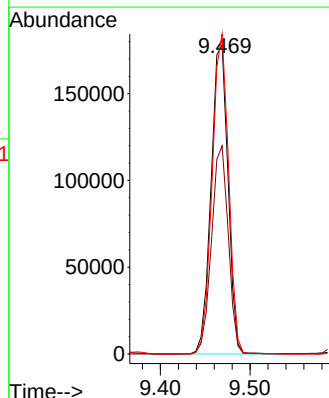
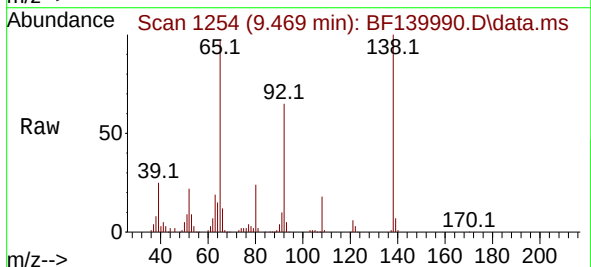
Tgt Ion: 65 Resp: 233781

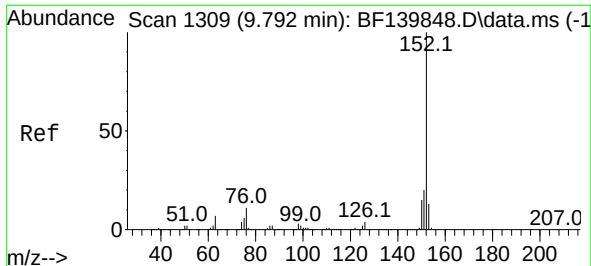
Ion Ratio Lower Upper

65 100

92 67.3 50.9 76.3

138 103.5 73.4 110.0





#49

Acenaphthylene

Concen: 39.009 ng

RT: 9.792 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

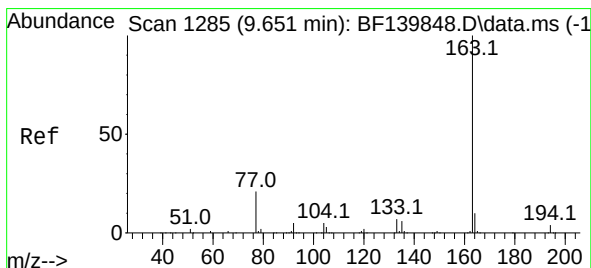
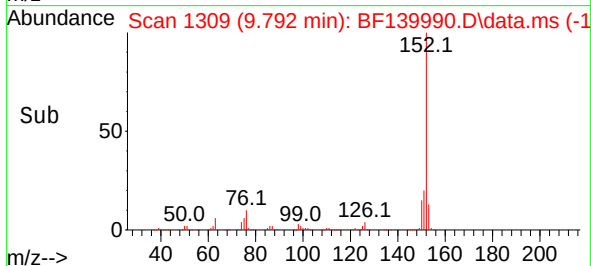
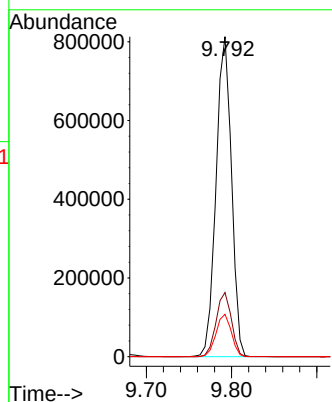
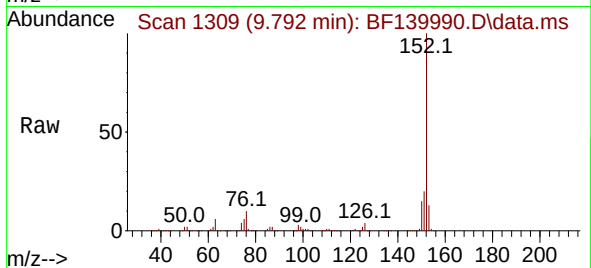
Tgt Ion:152 Resp: 1020484

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.3 10.7 16.1



#50

Dimethylphthalate

Concen: 38.796 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

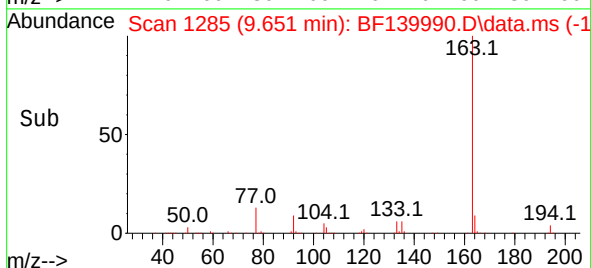
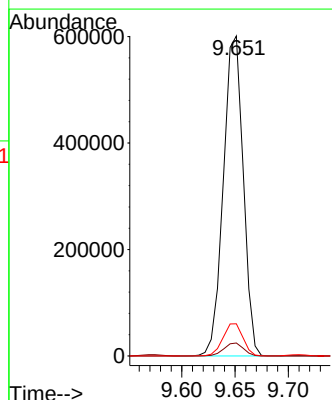
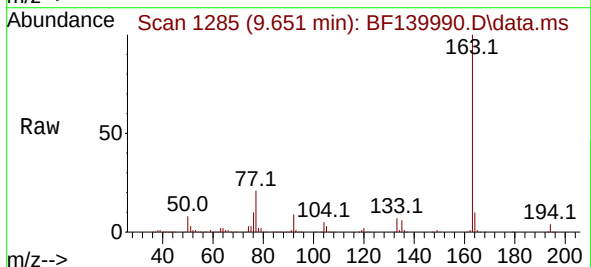
Tgt Ion:163 Resp: 779891

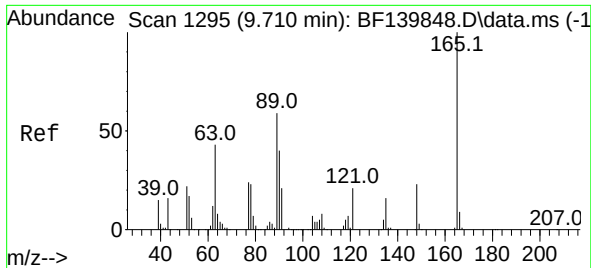
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.1 8.2 12.2

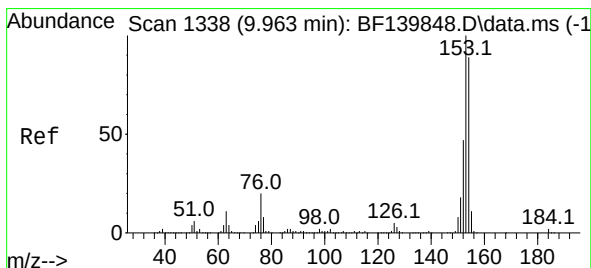
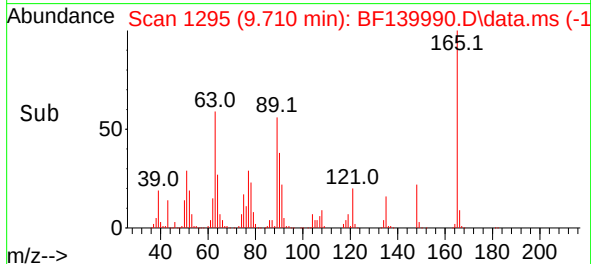
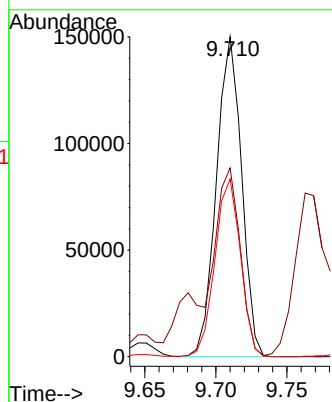
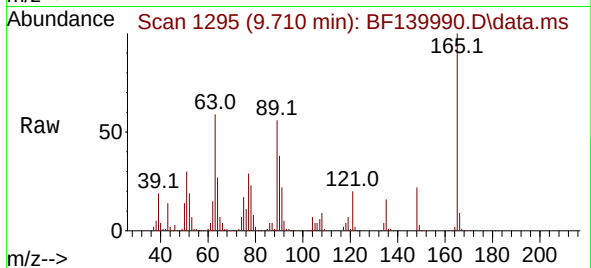




#51
2,6-Dinitrotoluene
Concen: 42.481 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

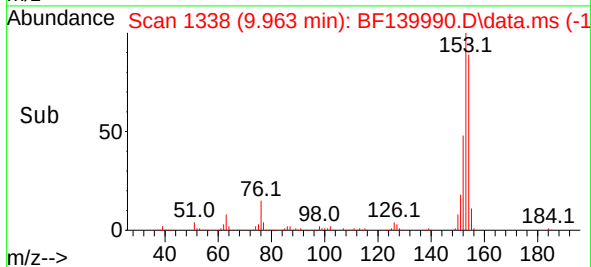
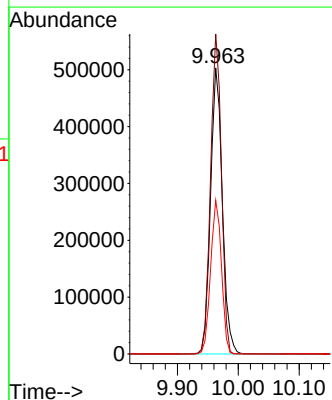
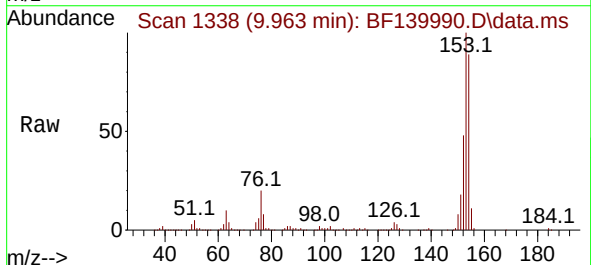
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

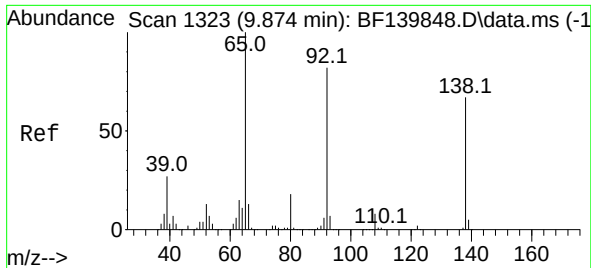
Tgt Ion:165 Resp: 184898
Ion Ratio Lower Upper
165 100
63 59.0 50.6 75.8
89 55.5 47.5 71.3



#52
Acenaphthene
Concen: 40.099 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

Tgt Ion:154 Resp: 678587
Ion Ratio Lower Upper
154 100
153 111.8 89.8 134.6
152 53.7 42.4 63.6

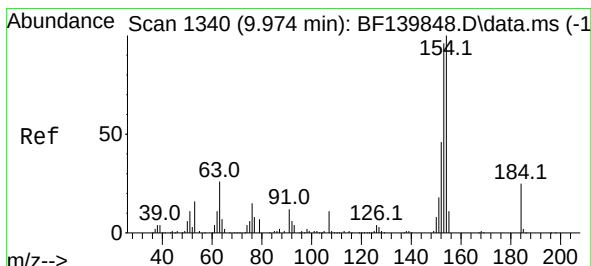
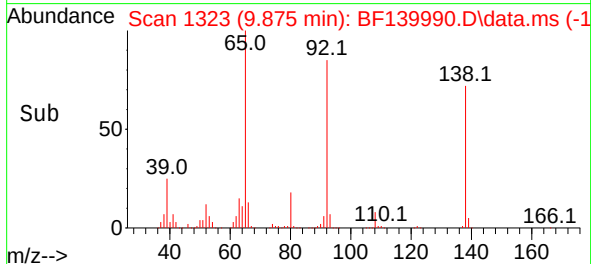
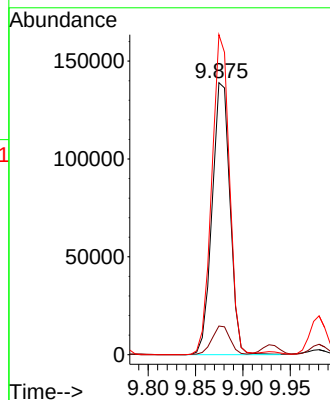
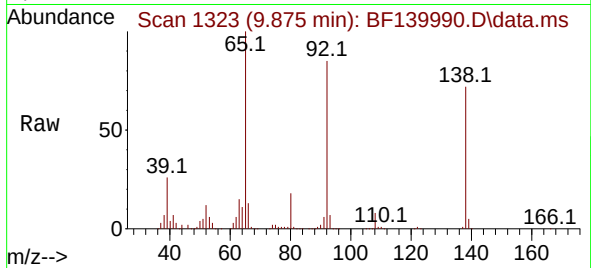




#53
3-Nitroaniline
Concen: 40.785 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

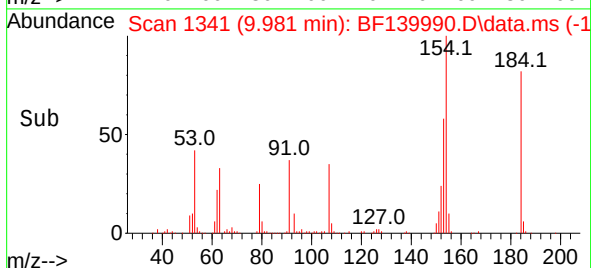
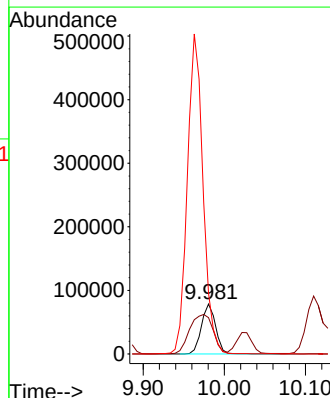
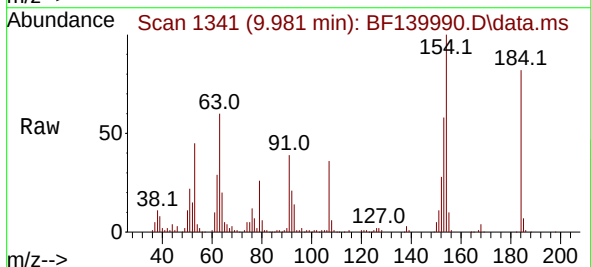
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

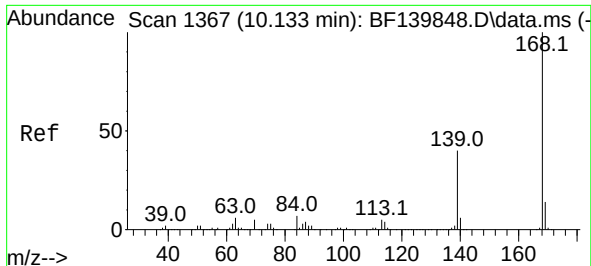
Tgt Ion:138 Resp: 183065
Ion Ratio Lower Upper
138 100
108 10.5 10.2 15.2
92 117.6 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 55.091 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.007 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

Tgt Ion:184 Resp: 95624
Ion Ratio Lower Upper
184 100
63 72.7 84.7 127.1#
154 121.9 338.2 507.2#





#55

Dibenzenofuran

Concen: 38.488 ng

RT: 10.133 min Scan# 1367

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

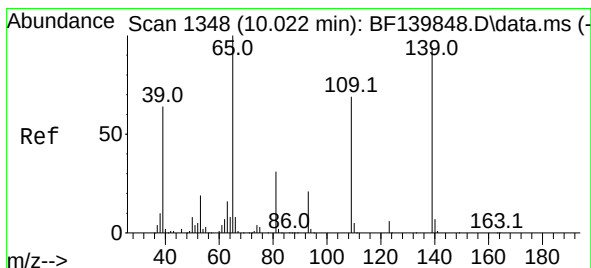
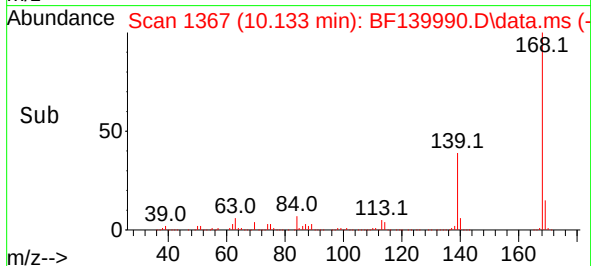
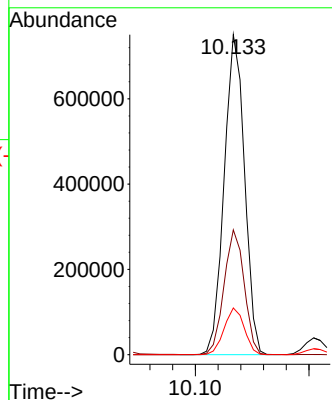
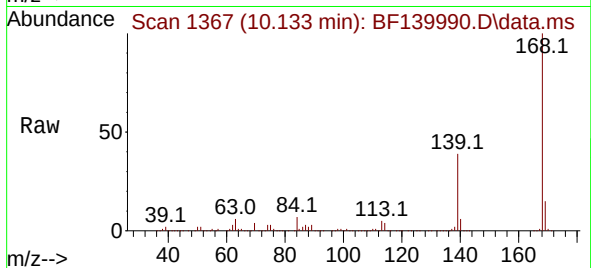
Tgt Ion:168 Resp: 934503

Ion Ratio Lower Upper

168 100

139 39.0 31.8 47.6

169 14.6 11.6 17.4



#56

4-Nitrophenol

Concen: 42.808 ng

RT: 10.028 min Scan# 1349

Delta R.T. 0.006 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

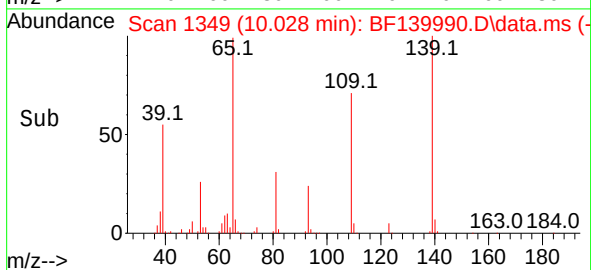
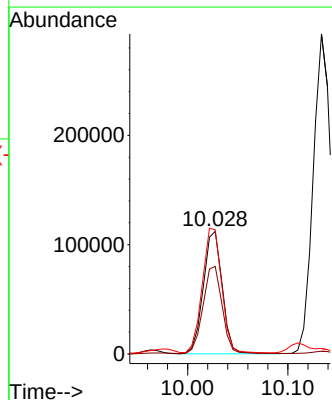
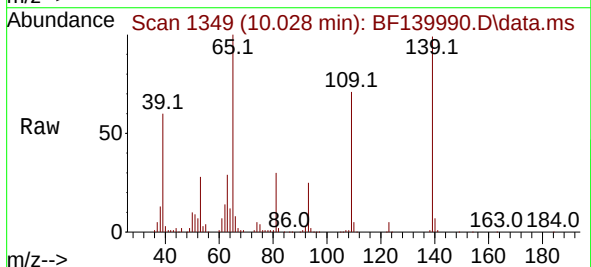
Tgt Ion:139 Resp: 147827

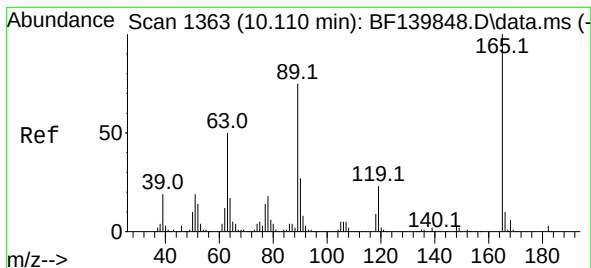
Ion Ratio Lower Upper

139 100

109 71.5 53.6 93.6

65 101.3 87.8 127.8

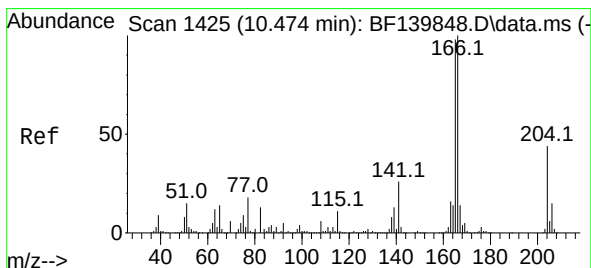
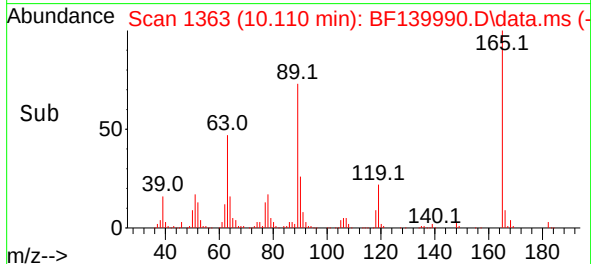
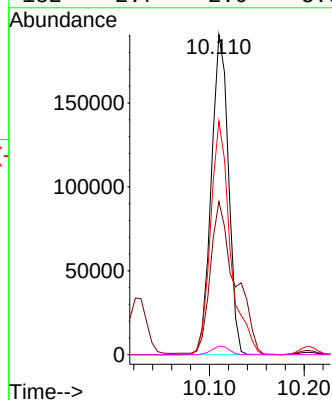
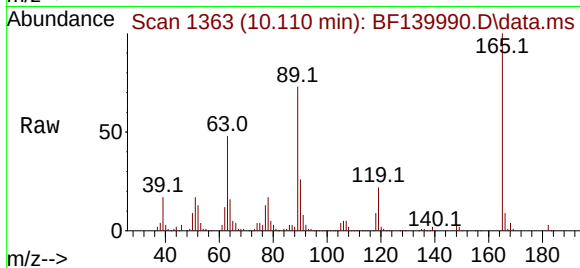




#57
2,4-Dinitrotoluene
Concen: 44.729 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

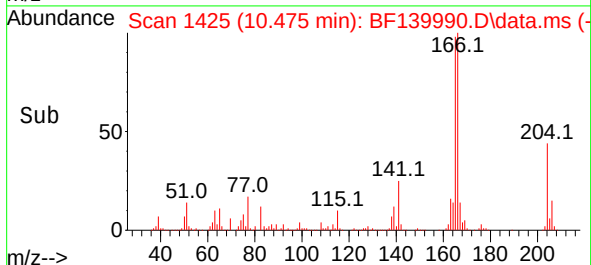
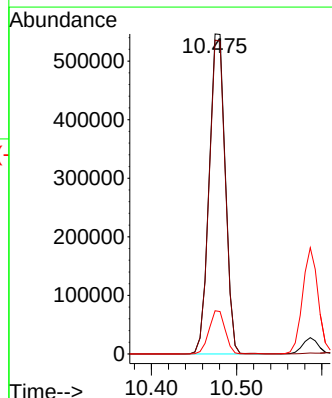
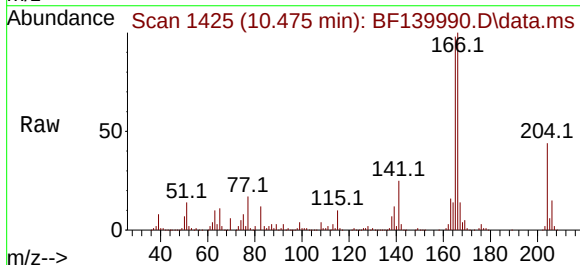
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

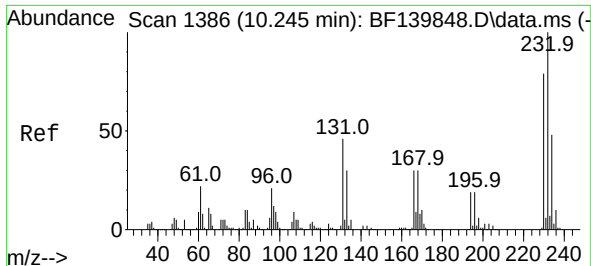
Tgt Ion:165 Resp: 239410
Ion Ratio Lower Upper
165 100
63 47.8 40.1 60.1
89 73.0 60.4 90.6
182 2.7 2.0 3.0



#58
Fluorene
Concen: 38.758 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

Tgt Ion:166 Resp: 716749
Ion Ratio Lower Upper
166 100
165 98.1 78.5 117.7
167 13.5 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.690 ng

RT: 10.251 min Scan# 1403

Delta R.T. 0.006 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 207853

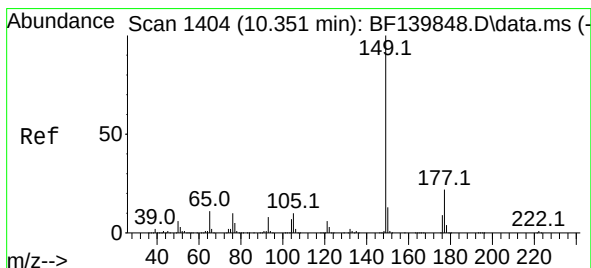
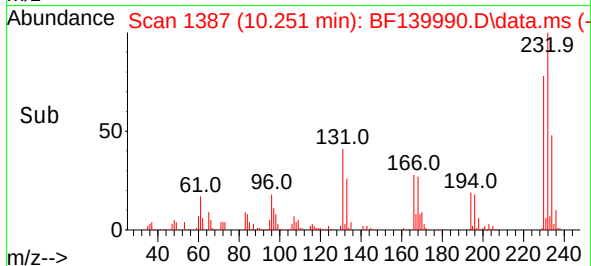
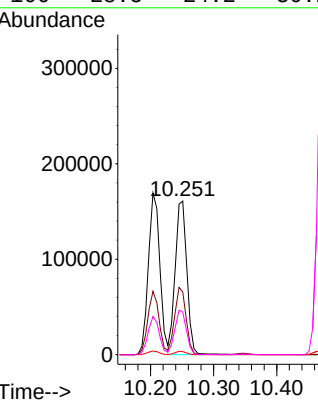
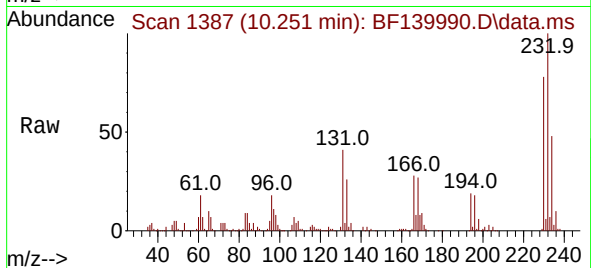
Ion Ratio Lower Upper

232 100

131 42.7 37.0 55.6

130 2.1 1.9 2.9

166 28.5 24.2 36.2



#60

Diethylphthalate

Concen: 38.433 ng

RT: 10.345 min Scan# 1403

Delta R.T. -0.006 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

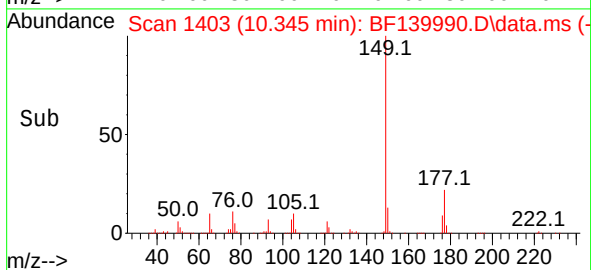
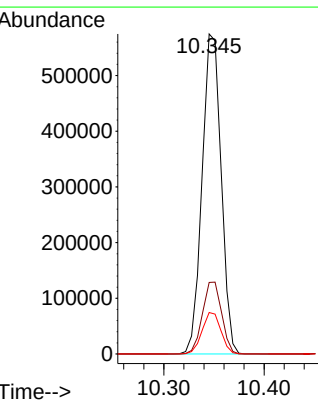
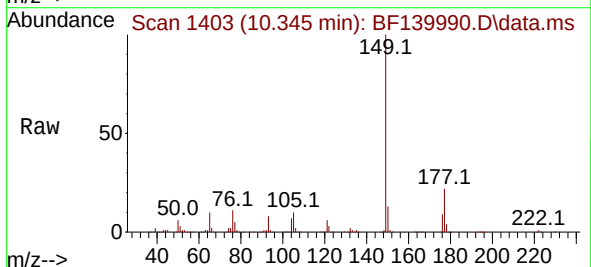
Tgt Ion:149 Resp: 758570

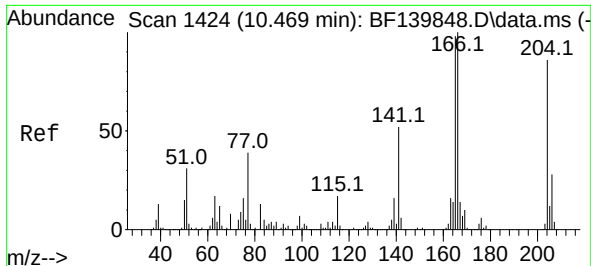
Ion Ratio Lower Upper

149 100

177 22.3 17.9 26.9

150 12.9 10.1 15.1

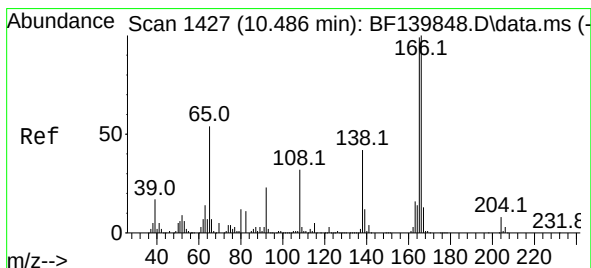
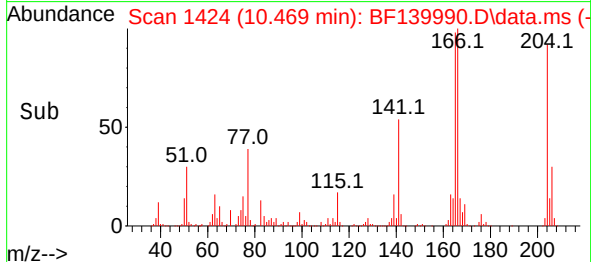
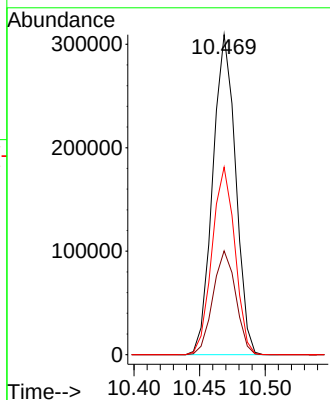
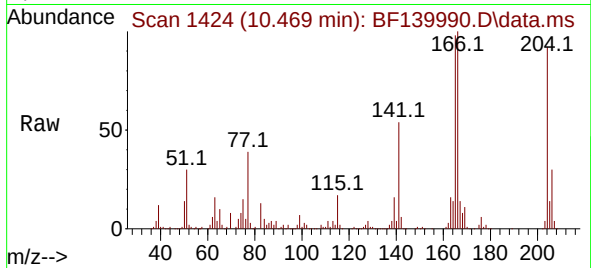




#61
4-Chlorophenyl-phenylether
Concen: 40.111 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

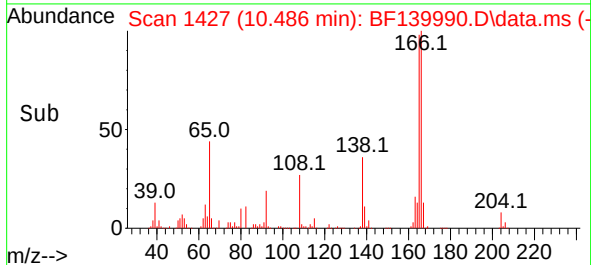
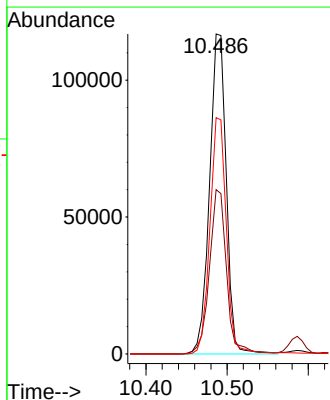
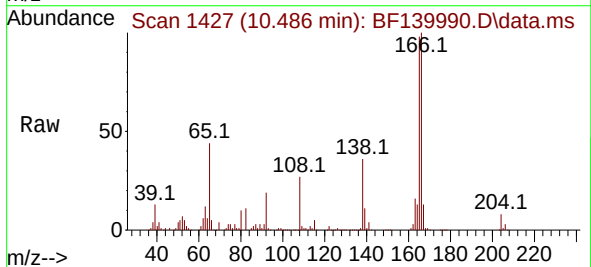
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

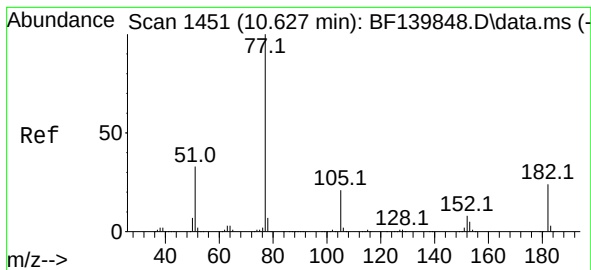
Tgt Ion:204 Resp: 374601
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 58.6 48.6 73.0



#62
4-Nitroaniline
Concen: 39.396 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

Tgt Ion:138 Resp: 167010
Ion Ratio Lower Upper
138 100
92 51.4 35.7 75.7
108 73.9 57.5 97.5

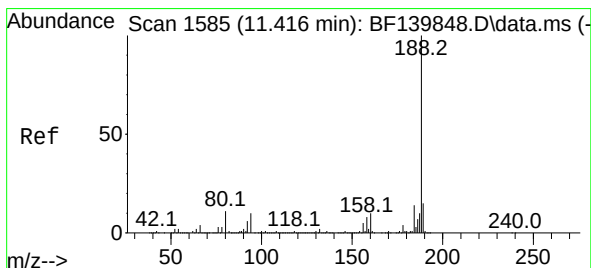
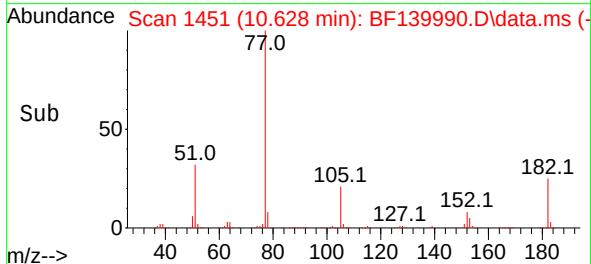
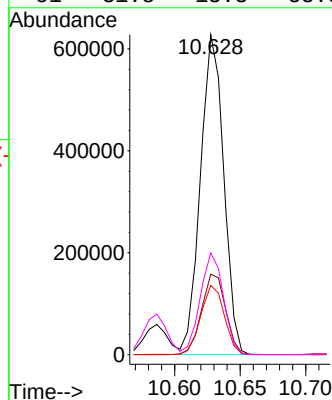
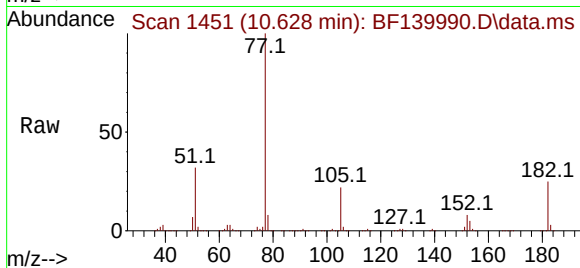




#63
Azobenzene
Concen: 37.078 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

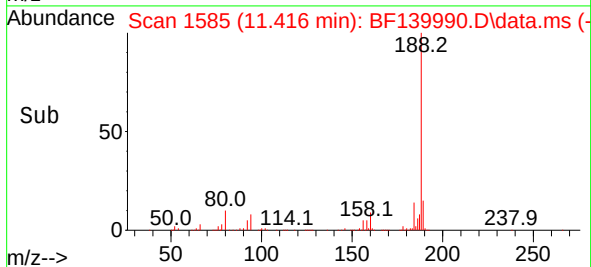
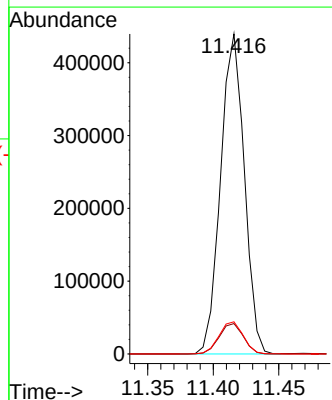
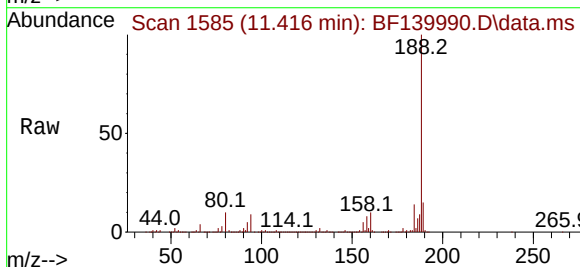
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

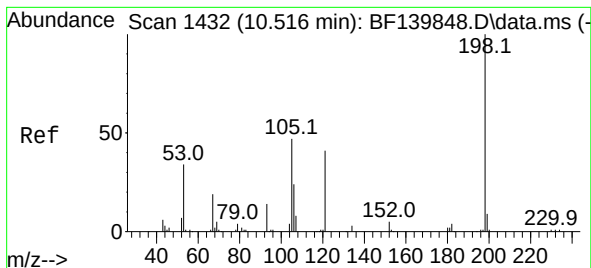
Tgt	Ion: 77	Resp:	775853
Ion	Ratio	Lower	Upper
77	100		
182	25.2	3.3	43.3
105	21.7	1.2	41.2
51	31.8	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

Tgt Ion:188	Resp: 552693
Ion Ratio	Lower Upper
188 100	
94 9.5	7.9 11.9
80 10.0	9.0 13.4

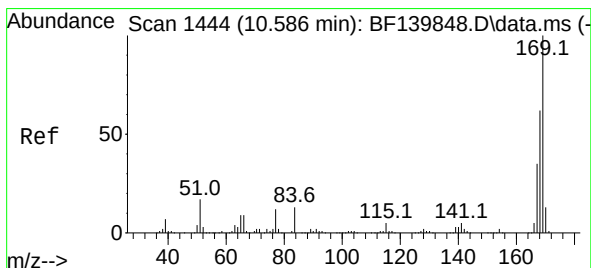
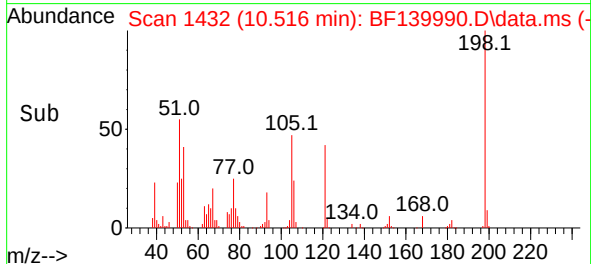
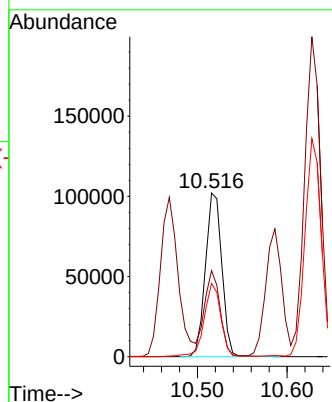
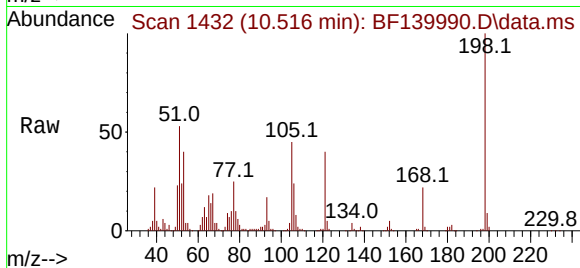




#65
4,6-Dinitro-2-methylphenol
Concen: 57.493 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

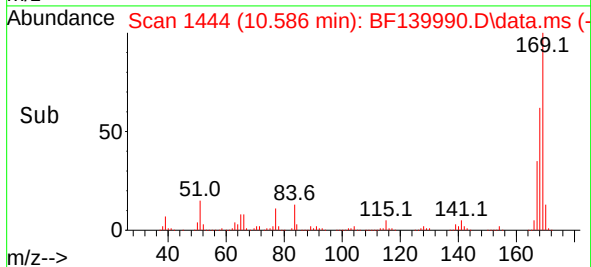
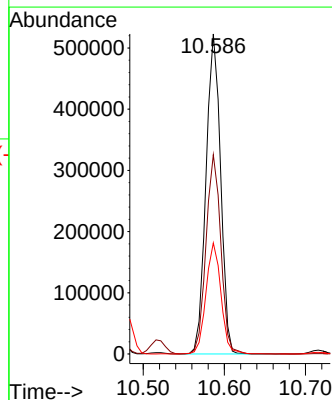
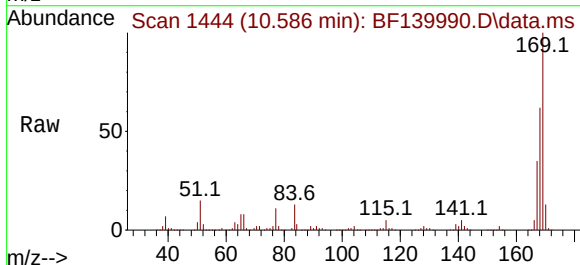
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

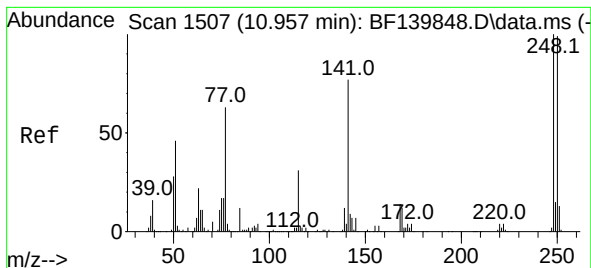
Tgt Ion:198 Resp: 129613
Ion Ratio Lower Upper
198 100
51 52.6 38.2 78.2
105 44.8 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 39.266 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

Tgt Ion:169 Resp: 649534
Ion Ratio Lower Upper
169 100
168 62.3 49.8 74.6
167 34.7 28.0 42.0

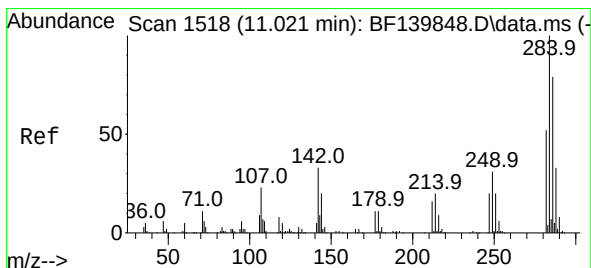
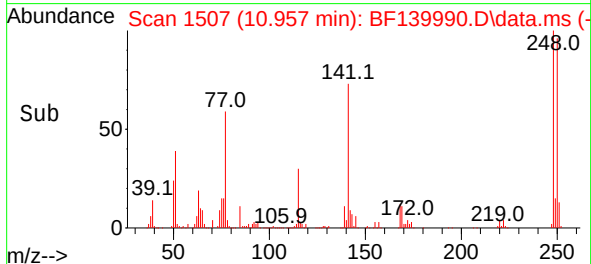
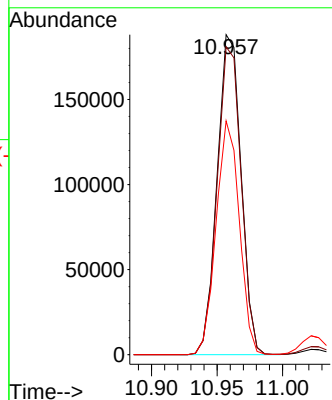
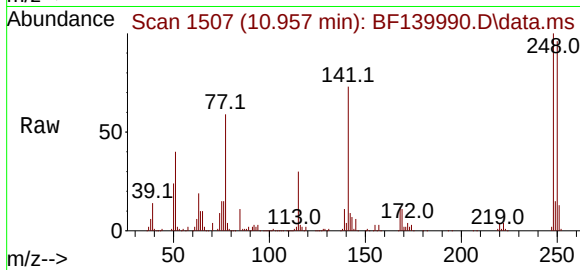




#67
4-Bromophenyl-phenylether
Concen: 42.017 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

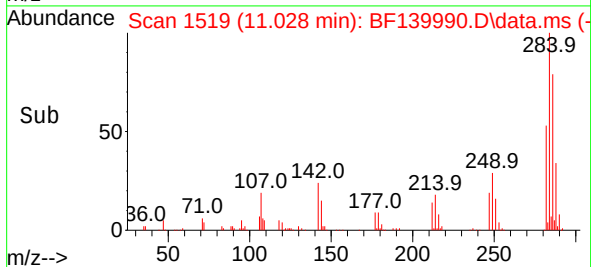
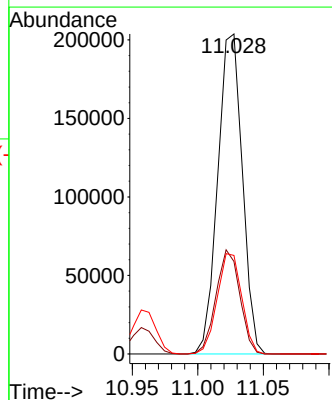
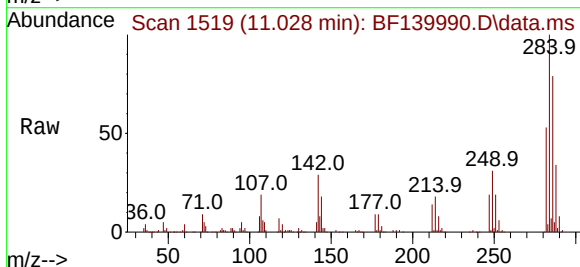
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

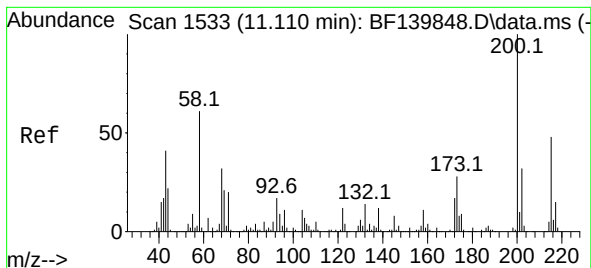
Tgt Ion:248 Resp: 239237
Ion Ratio Lower Upper
248 100
250 96.2 79.0 118.6
141 73.1 61.7 92.5



#68
Hexachlorobenzene
Concen: 41.441 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

Tgt Ion:284 Resp: 265372
Ion Ratio Lower Upper
284 100
142 28.9 26.9 40.3
249 30.8 25.3 37.9





#69

Atrazine

Concen: 39.759 ng

RT: 11.110 min Scan# 1533

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

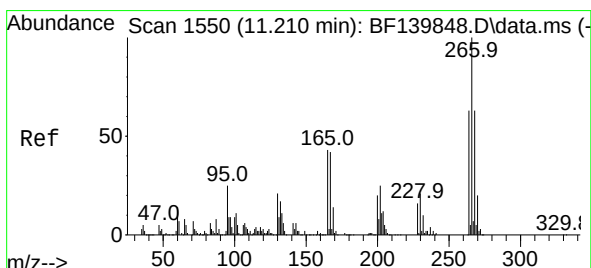
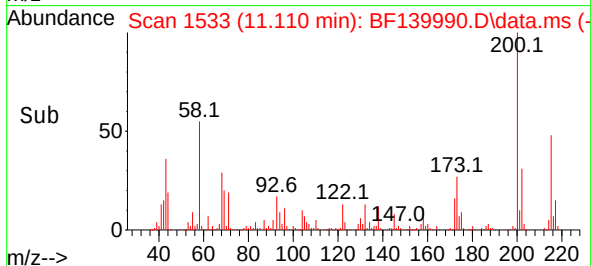
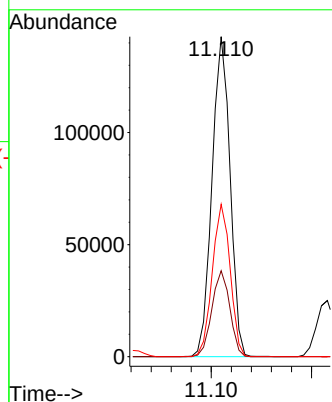
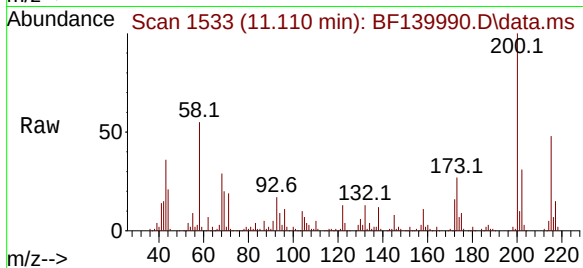
Tgt Ion:200 Resp: 178157

Ion Ratio Lower Upper

200 100

173 26.9 7.7 47.7

215 47.6 27.7 67.7



#70

Pentachlorophenol

Concen: 46.531 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

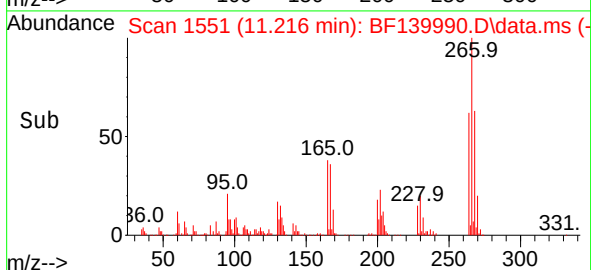
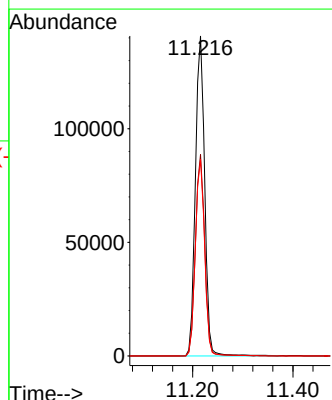
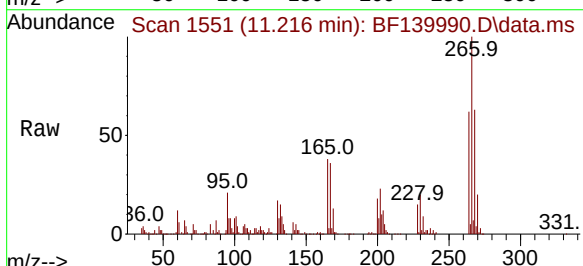
Tgt Ion:266 Resp: 180839

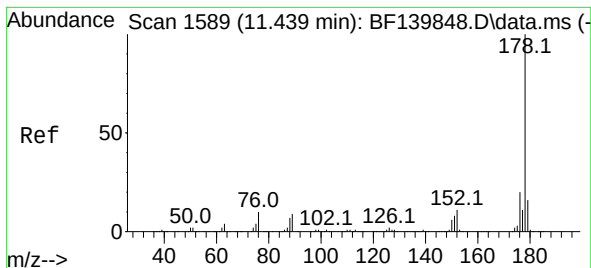
Ion Ratio Lower Upper

266 100

268 63.0 50.4 75.6

264 61.6 50.6 75.8





#71

Phenanthrene

Concen: 38.829 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

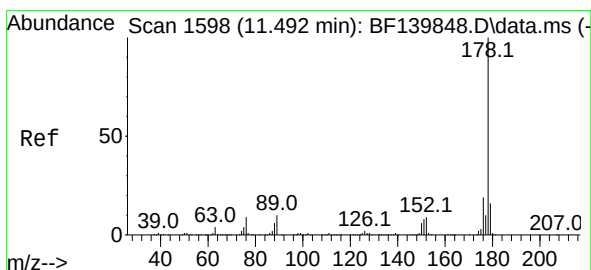
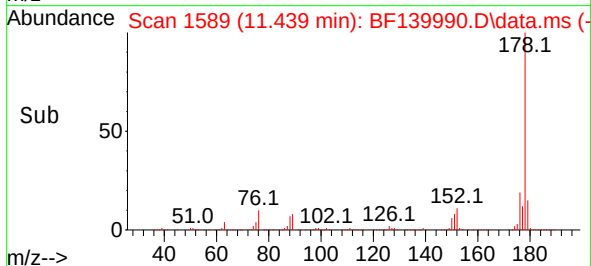
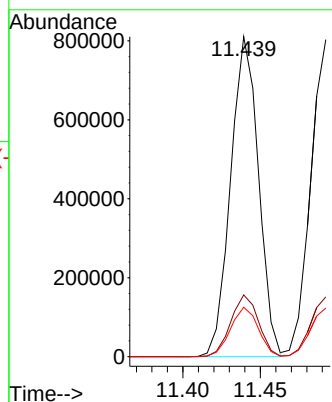
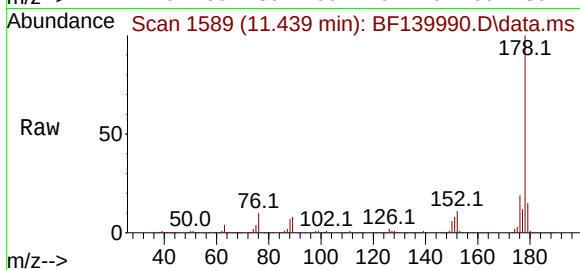
Tgt Ion:178 Resp: 1013712

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

179 15.5 12.6 18.8



#72

Anthracene

Concen: 39.385 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

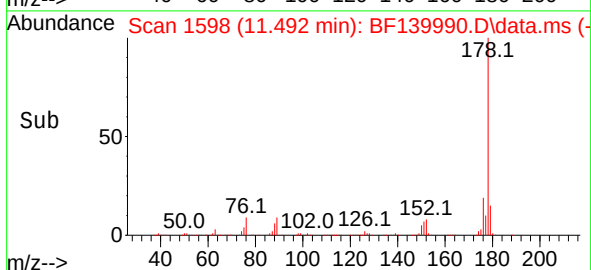
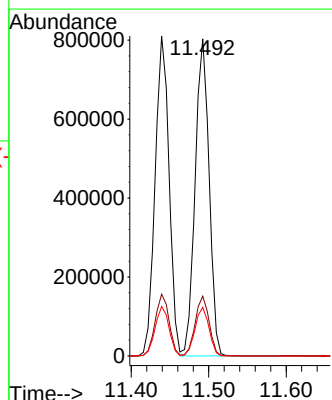
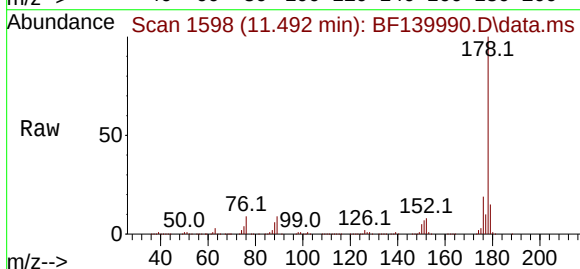
Tgt Ion:178 Resp: 1003224

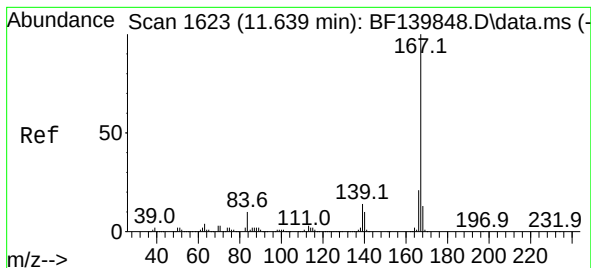
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.4 12.4 18.6





#73

Carbazole

Concen: 37.439 ng

RT: 11.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

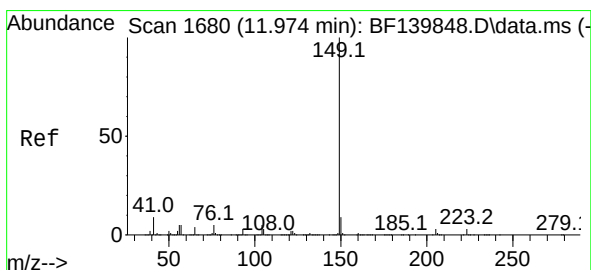
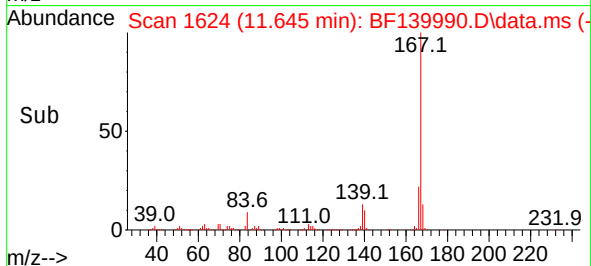
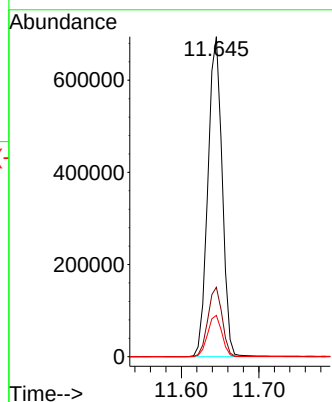
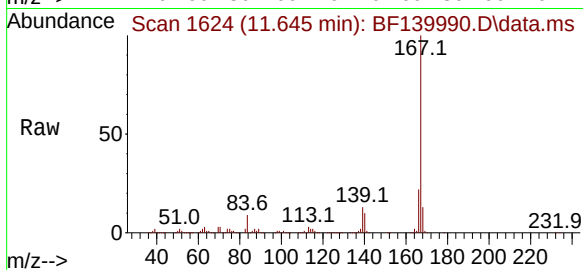
Tgt Ion:167 Resp: 886910

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

139 12.9 10.8 16.2



#74

Di-n-butylphthalate

Concen: 38.284 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

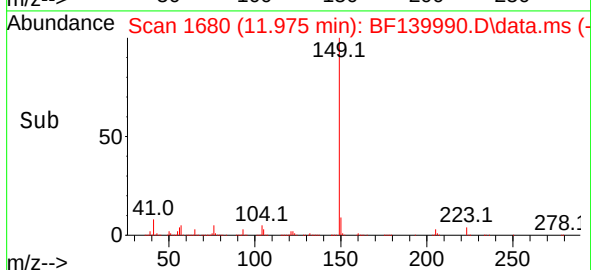
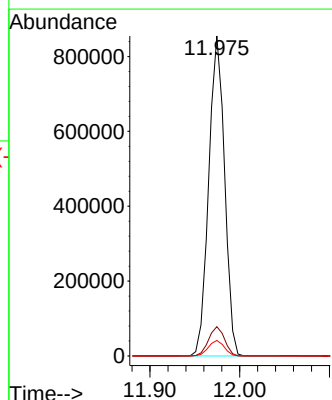
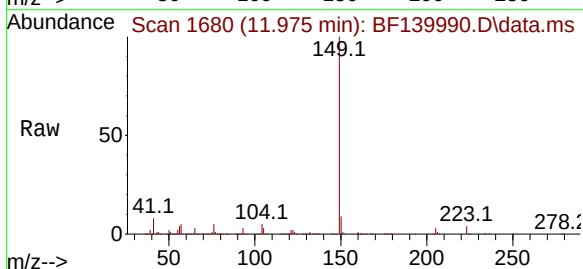
Tgt Ion:149 Resp: 1047818

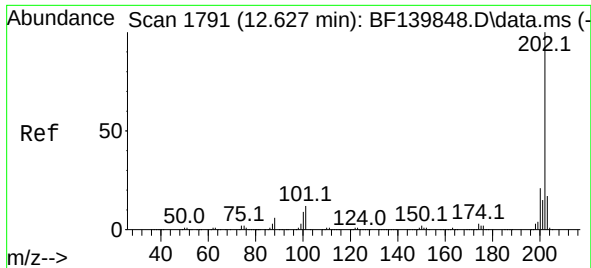
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.9 4.1 6.1

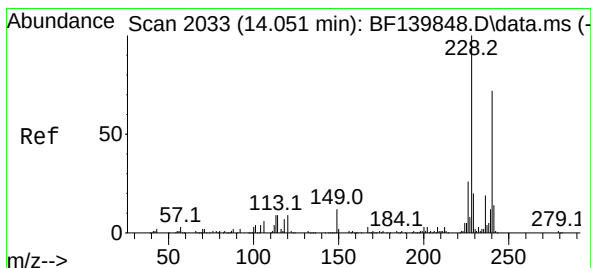
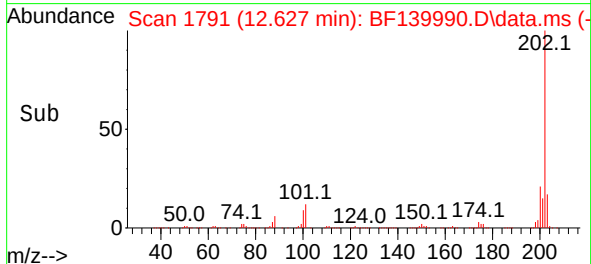
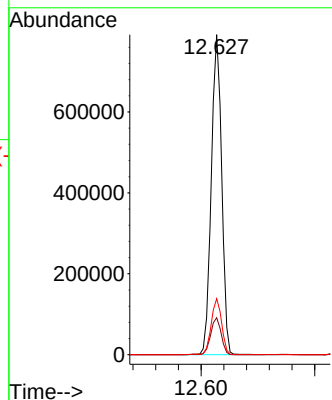
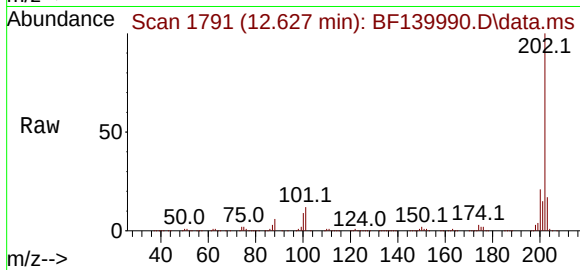




#75
Fluoranthene
Concen: 37.814 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

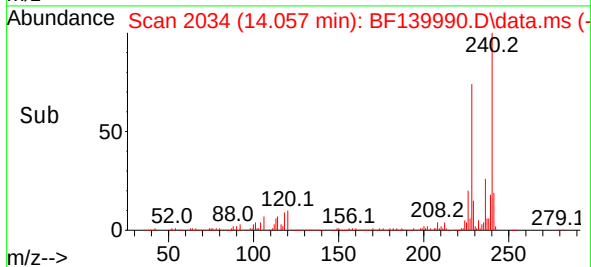
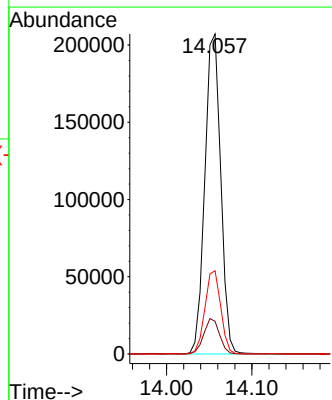
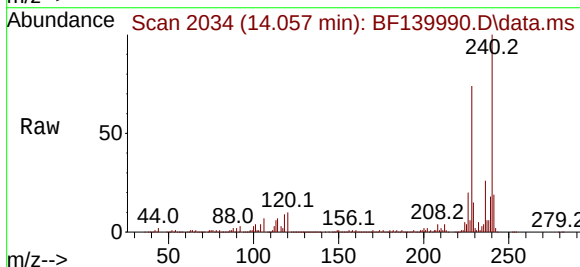
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

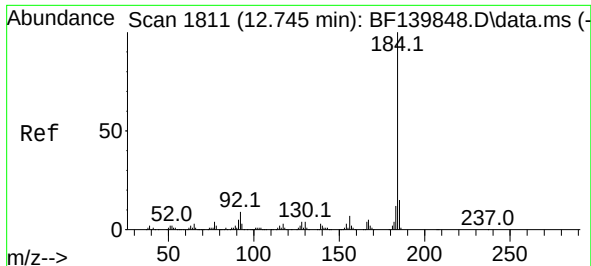
Tgt Ion:202 Resp: 997974
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.9
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139990.D
Acq: 24 Oct 2024 09:55

Tgt Ion:240 Resp: 268892
Ion Ratio Lower Upper
240 100
120 10.2 9.4 14.2
236 26.0 20.9 31.3





#77

Benzidine

Concen: 33.487 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

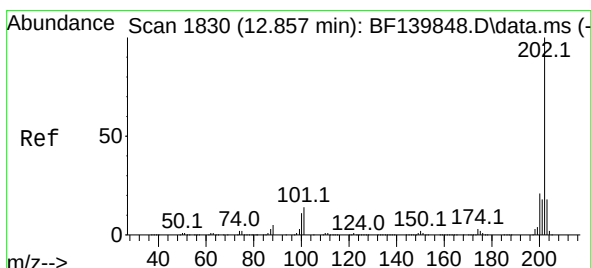
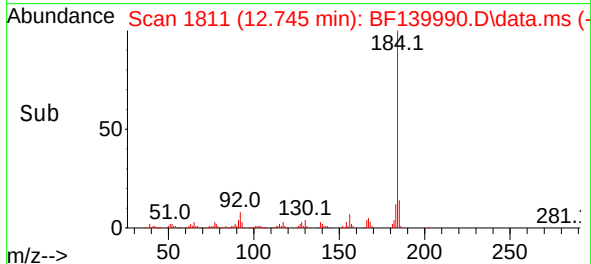
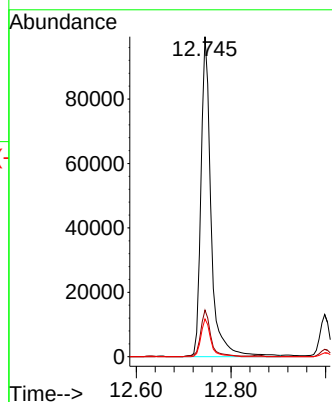
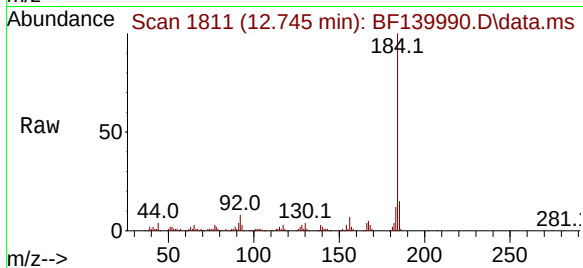
Tgt Ion:184 Resp: 148061

Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

183 11.8 9.4 14.2



#78

Pyrene

Concen: 42.123 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

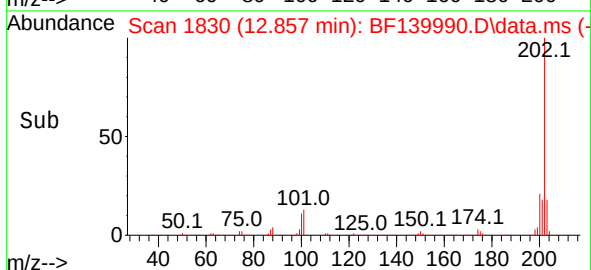
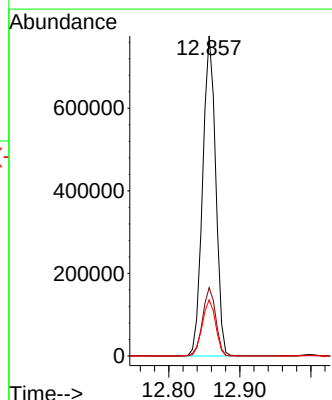
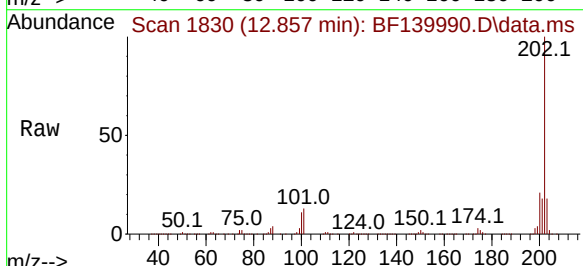
Tgt Ion:202 Resp: 991454

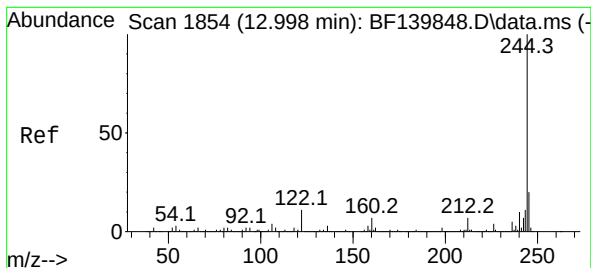
Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 83.809 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

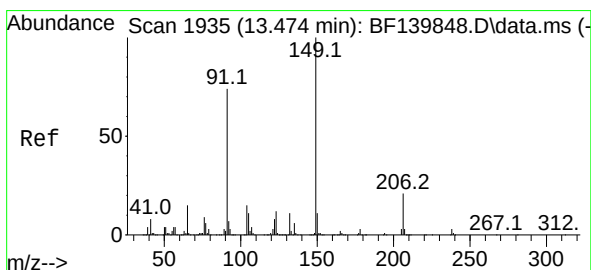
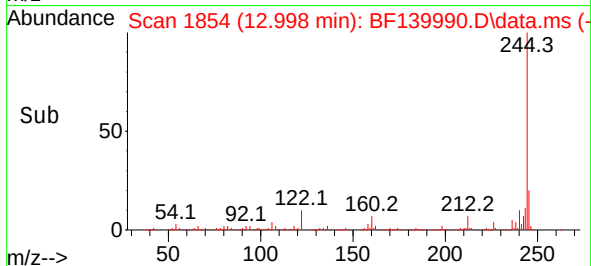
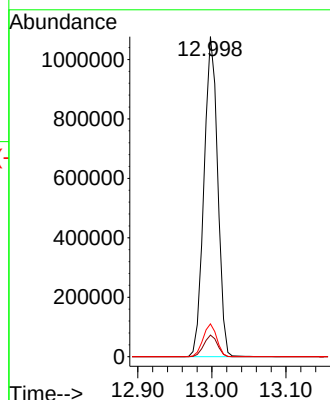
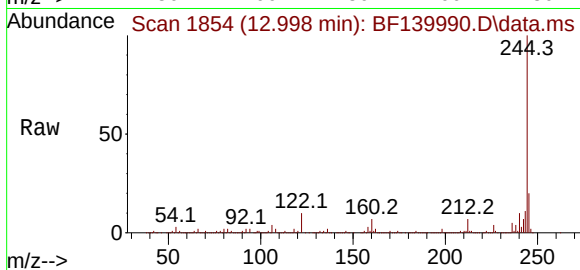
Tgt Ion:244 Resp: 1382993

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 10.3 8.6 13.0



#80

Butylbenzylphthalate

Concen: 40.861 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

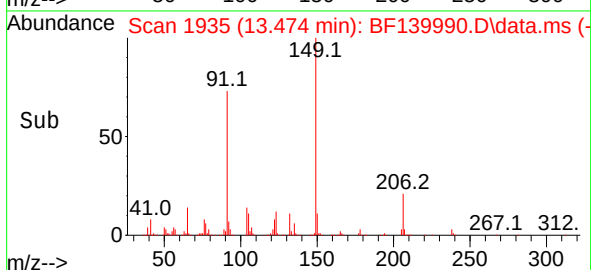
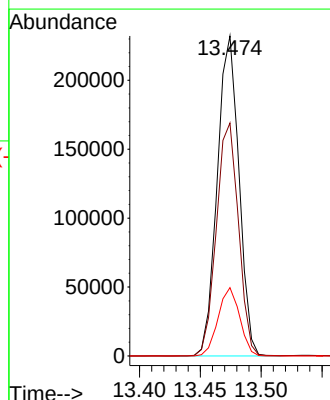
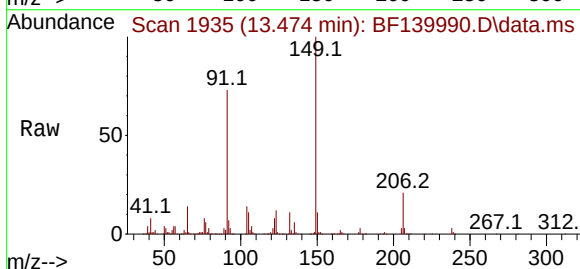
Tgt Ion:149 Resp: 288336

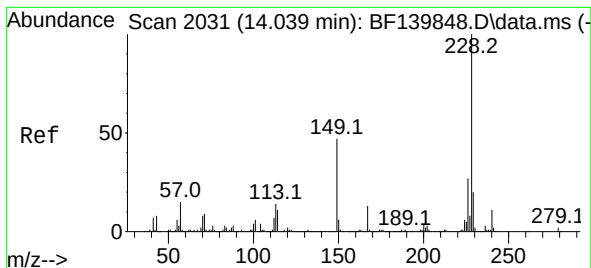
Ion Ratio Lower Upper

149 100

91 72.8 59.4 89.2

206 21.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 39.181 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

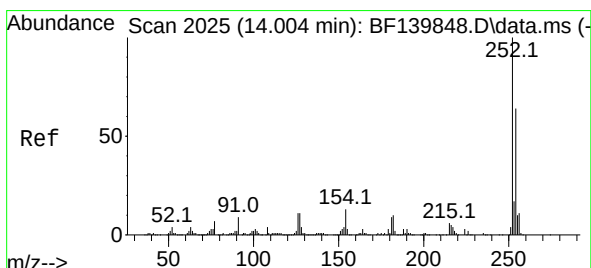
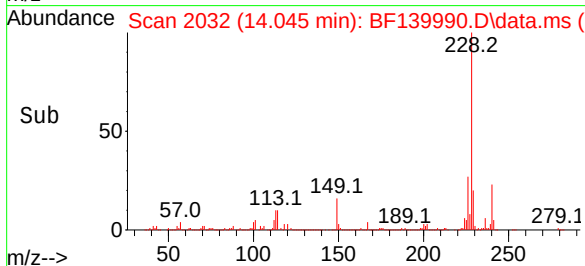
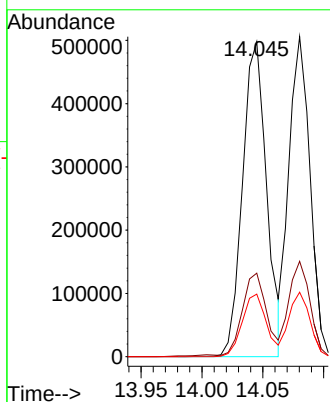
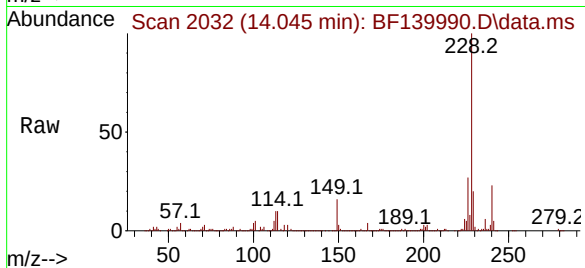
Tgt Ion:228 Resp: 685819

Ion Ratio Lower Upper

228 100

226 26.6 21.6 32.4

229 19.9 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 43.406 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

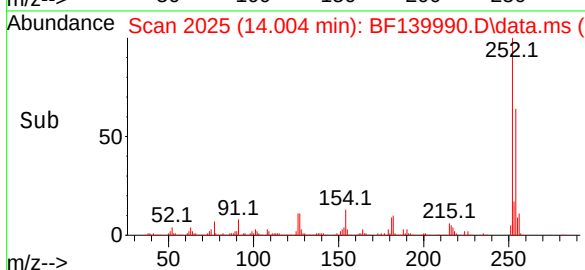
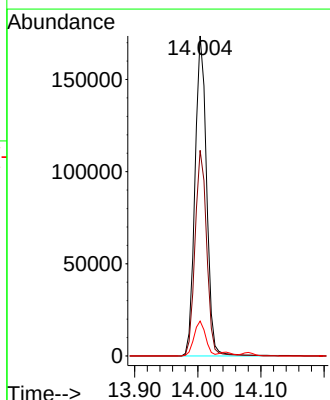
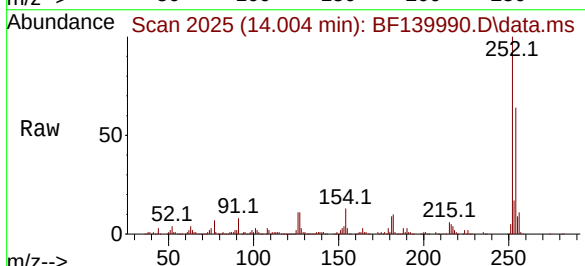
Tgt Ion:252 Resp: 221524

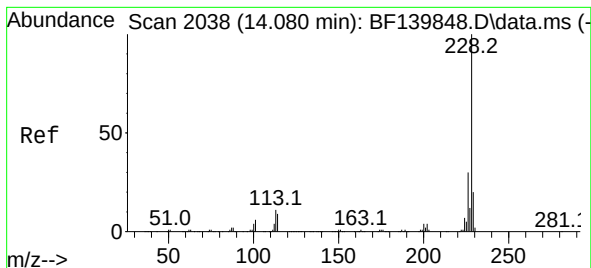
Ion Ratio Lower Upper

252 100

254 64.2 50.8 76.2

126 10.9 8.9 13.3





#83

Chrysene

Concen: 38.191 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

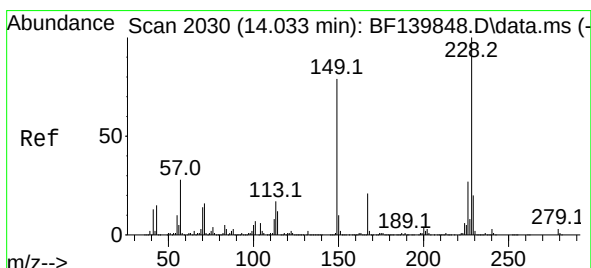
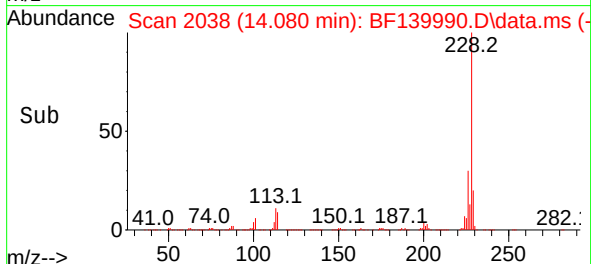
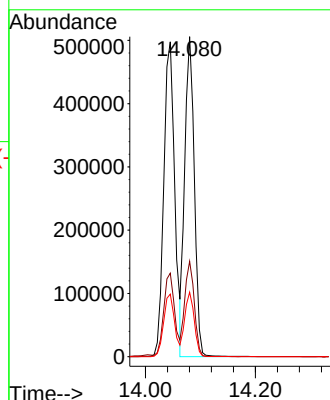
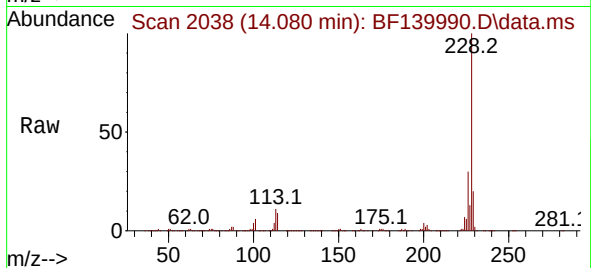
Tgt Ion:228 Resp: 612931

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 20.2 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.443 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

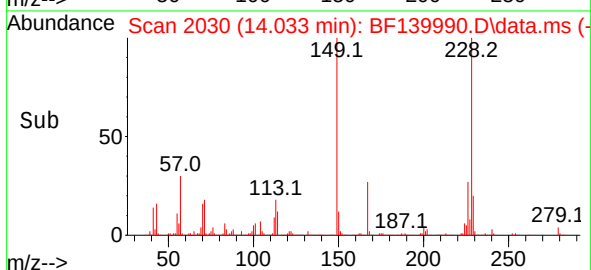
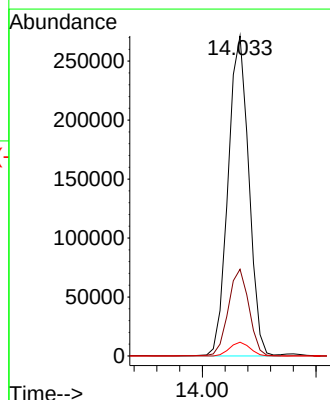
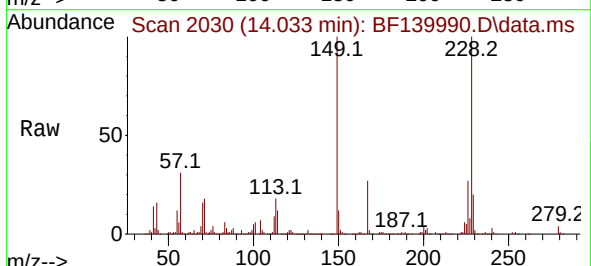
Tgt Ion:149 Resp: 343936

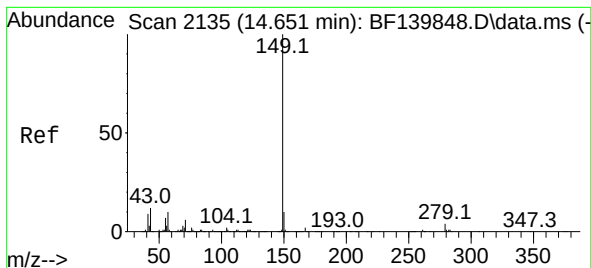
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 42.497 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

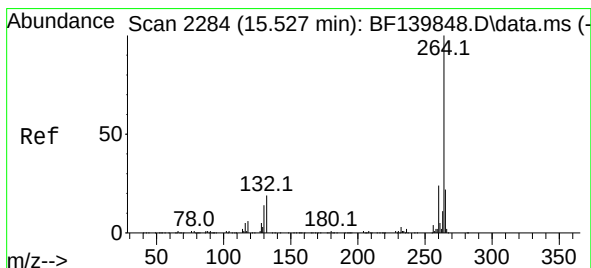
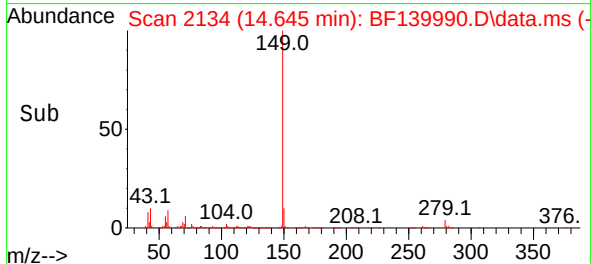
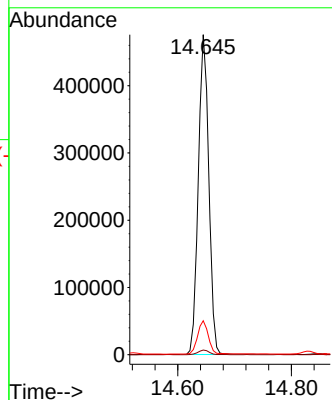
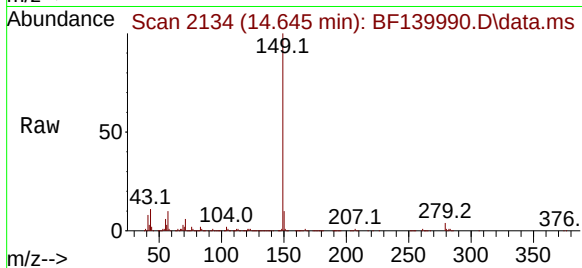
Tgt Ion:149 Resp: 611956

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.9 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

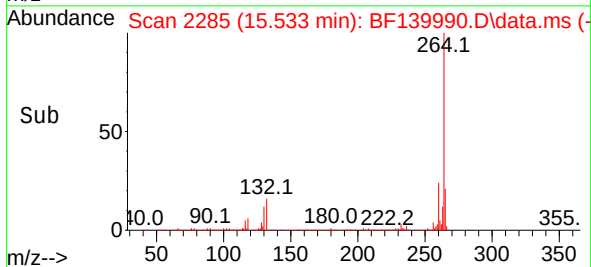
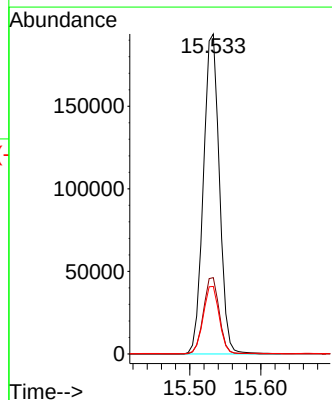
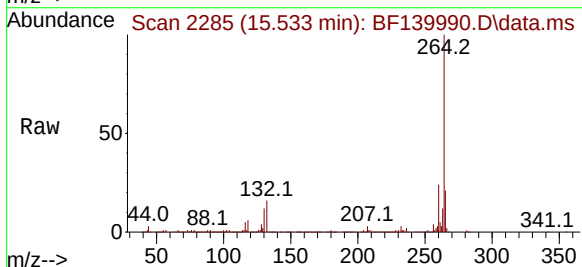
Tgt Ion:264 Resp: 303963

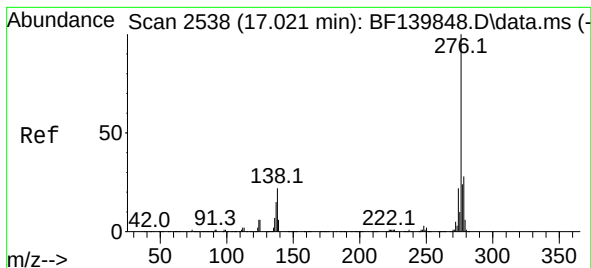
Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.181 ng

RT: 17.033 min Scan# 2540

Delta R.T. 0.012 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

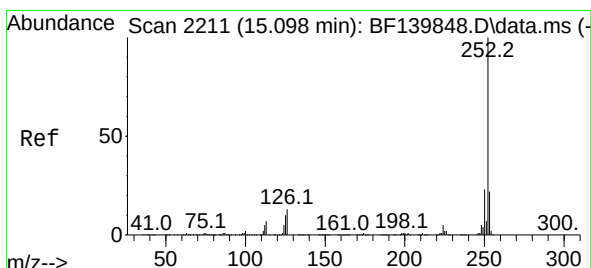
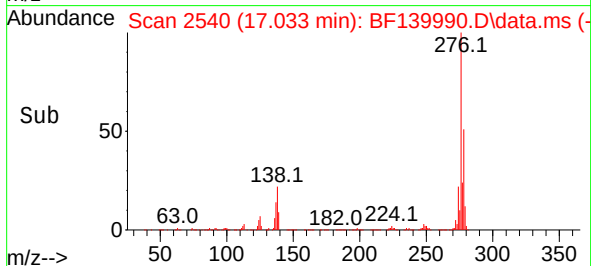
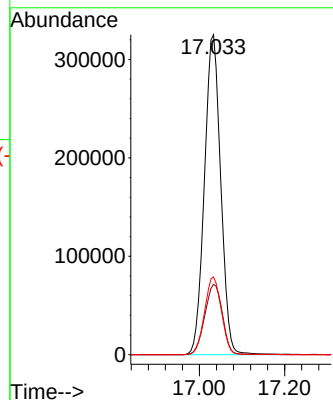
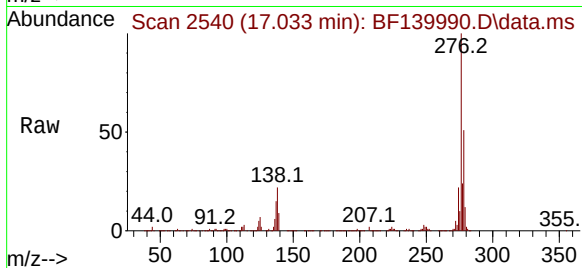
Tgt Ion:276 Resp: 863954

Ion Ratio Lower Upper

276 100

138 23.9 20.4 30.6

277 25.0 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 35.286 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

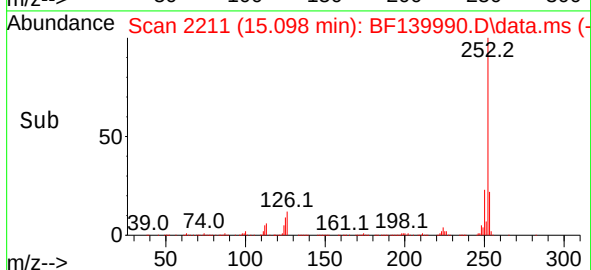
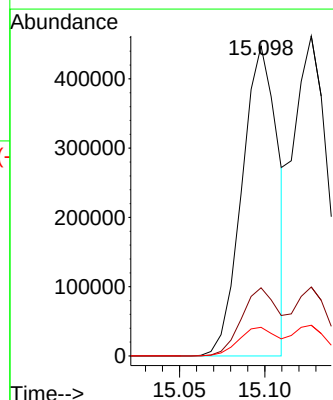
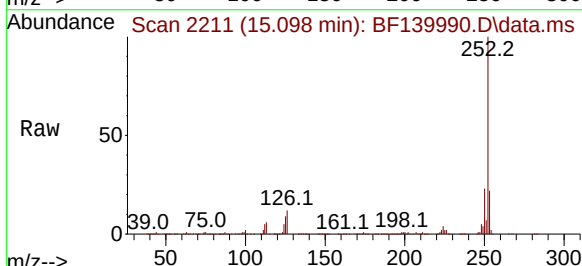
Tgt Ion:252 Resp: 653367

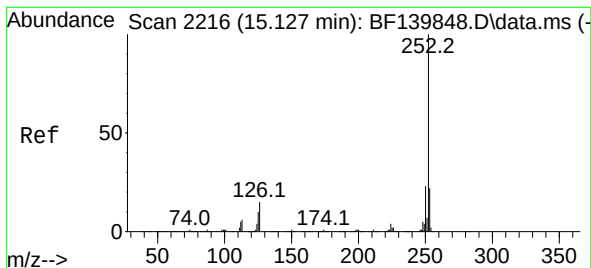
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.3 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 40.161 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

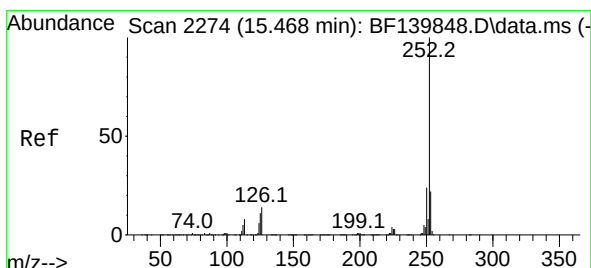
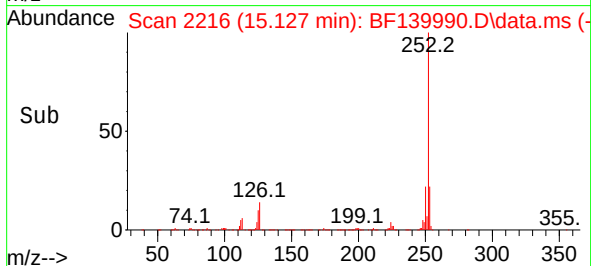
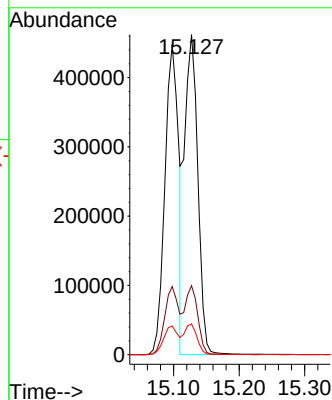
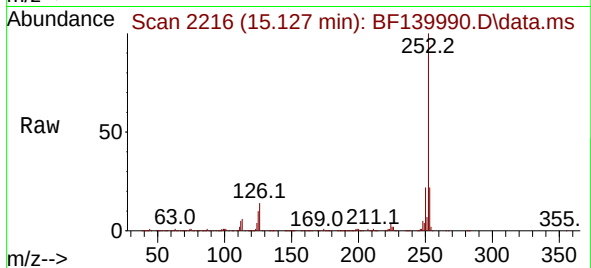
Tgt Ion:252 Resp: 641324

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 9.6 7.9 11.9



#90

Benzo(a)pyrene

Concen: 39.654 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139990.D

Acq: 24 Oct 2024 09:55

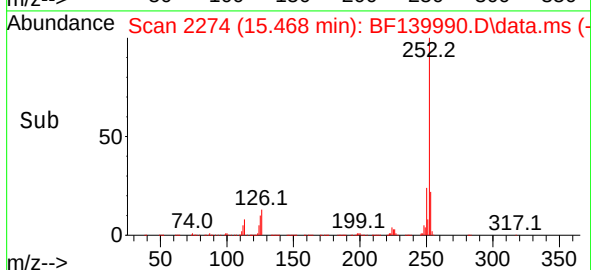
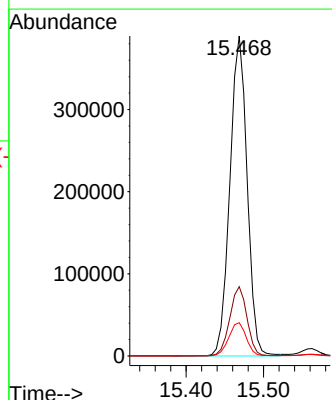
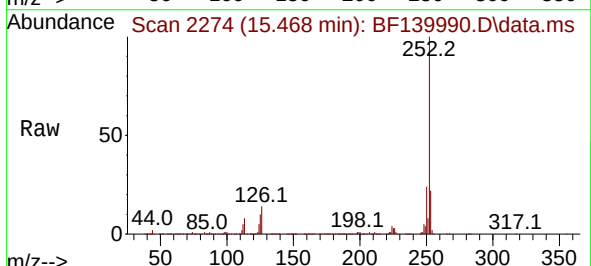
Tgt Ion:252 Resp: 604156

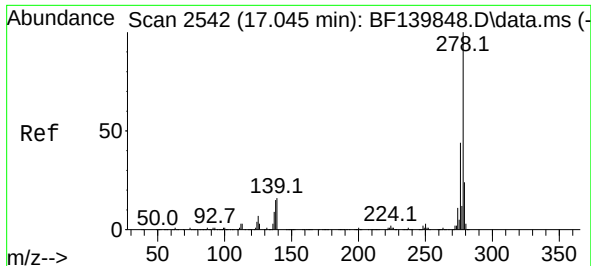
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 10.4 8.7 13.1

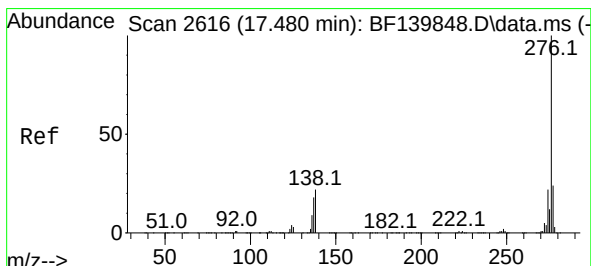
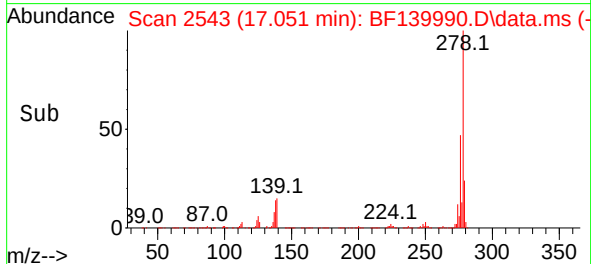
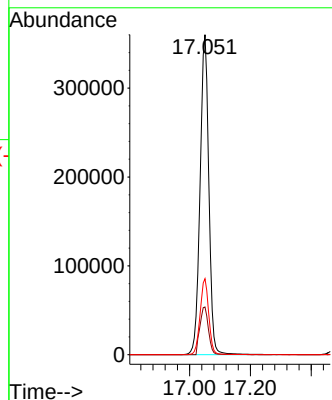
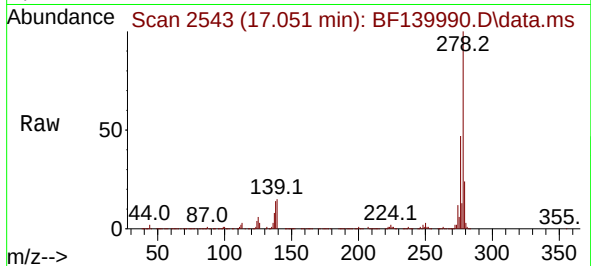




#91
 Dibenzo(a,h)anthracene
 Concen: 44.037 ng
 RT: 17.051 min Scan# 2543
 Delta R.T. 0.006 min
 Lab File: BF139990.D
 Acq: 24 Oct 2024 09:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:278 Resp: 718383
 Ion Ratio Lower Upper
 278 100
 139 14.9 13.1 19.7
 279 23.7 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 45.596 ng
 RT: 17.486 min Scan# 2617
 Delta R.T. 0.006 min
 Lab File: BF139990.D
 Acq: 24 Oct 2024 09:55

Tgt Ion:276 Resp: 742968
 Ion Ratio Lower Upper
 276 100
 277 23.5 19.0 28.6
 138 20.4 17.4 26.0

