

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139943.D
 Acq On : 22 Oct 2024 22:17
 Operator : RC/JU
 Sample : P4431-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11934MS

Quant Time: Oct 23 01:14:02 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	6.893	152	135429	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	493211	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	232904	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	338127	20.000	ng	0.00
76) Chrysene-d12	14.057	240	286551	20.000	ng	0.00
86) Perylene-d12	15.533	264	265643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1000894	115.698	ng	0.02
7) Phenol-d6	6.516	99	1242955	110.935	ng	0.00
23) Nitrobenzene-d5	7.451	82	800214	89.922	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	246588	113.191	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1312267	93.119	ng	0.00
79) Terphenyl-d14	12.998	244	1186543	67.473	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	175270	43.454	ng	94
3) Pyridine	3.499	79	440331	44.043	ng	97
4) n-Nitrosodimethylamine	3.446	42	248522	46.267	ng	98
6) Aniline	6.551	93	216974	20.779	ng	98
8) 2-Chlorophenol	6.675	128	449584	50.836	ng	97
9) Benzaldehyde	6.440	77	104404	16.564	ng	97
10) Phenol	6.528	94	565600	48.965	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	447885	50.165	ng	97
12) 1,3-Dichlorobenzene	6.834	146	489661	48.233	ng	99
13) 1,4-Dichlorobenzene	6.910	146	496563	48.958	ng	98
14) 1,2-Dichlorobenzene	7.063	146	468380	49.480	ng	99
15) Benzyl Alcohol	7.028	79	404733	49.245	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	732404	48.109	ng	98
17) 2-Methylphenol	7.134	107	360994	47.870	ng	100
18) Hexachloroethane	7.404	117	176747	48.868	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	325215	47.858	ng	97
20) 3+4-Methylphenols	7.287	107	446606	46.301	ng	94
22) Acetophenone	7.298	105	606963	50.244	ng	98
24) Nitrobenzene	7.469	77	481879	49.389	ng	99
25) Isophorone	7.710	82	845014	50.030	ng	99
26) 2-Nitrophenol	7.787	139	215813	58.633	ng	97
27) 2,4-Dimethylphenol	7.822	122	354950	57.833	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	519036	50.721	ng	99
29) 2,4-Dichlorophenol	8.028	162	337893	48.334	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	381230	49.284	ng	99
31) Naphthalene	8.192	128	1263695	49.680	ng	100
32) Benzoic acid	7.904	122	171149	31.972	ng	98
33) 4-Chloroaniline	8.240	127	78274	9.024	ng	97
34) Hexachlorobutadiene	8.310	225	249782	51.393	ng	99
35) Caprolactam	8.598	113	88784	39.942	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	334888	43.263	ng	97
37) 2-Methylnaphthalene	8.887	142	760213	48.799	ng	99
38) 1-Methylnaphthalene	8.987	142	702670	45.973	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	353222	56.215	ng	99
41) Hexachlorocyclopentadiene	9.039	237	330809	151.309	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	231303	51.995	ng	99

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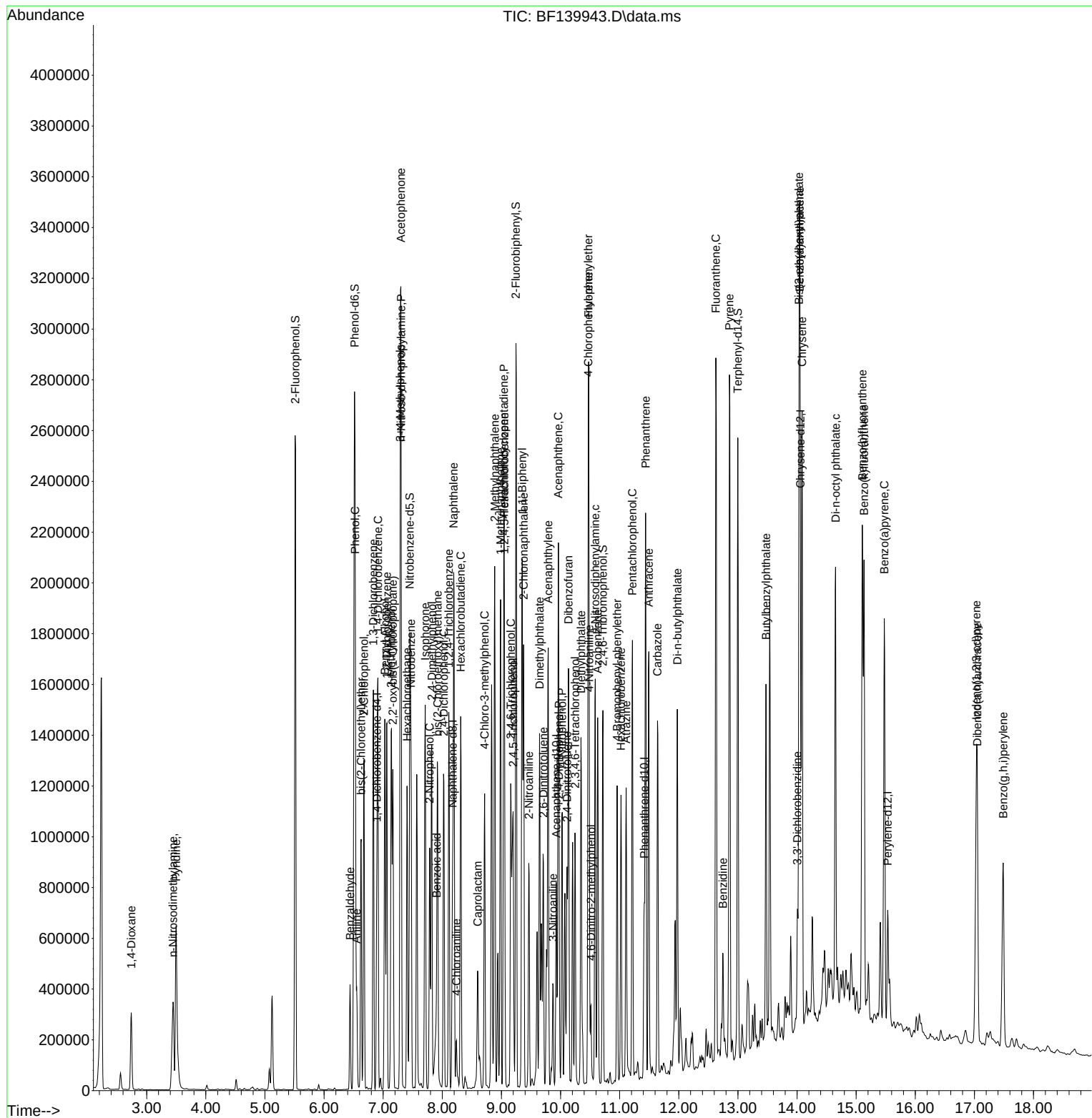
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	213711	46.563	ng	97
46) 1,1'-Biphenyl	9.351	154	885575	54.620	ng	99
47) 2-Chloronaphthalene	9.375	162	685737	52.512	ng	99
48) 2-Nitroaniline	9.463	65	213371	53.424	ng	96
49) Acenaphthylene	9.792	152	1055261	55.896	ng	100
50) Dimethylphthalate	9.645	163	776180	53.504	ng	100
51) 2,6-Dinitrotoluene	9.710	165	160234	51.012	ng	94
52) Acenaphthene	9.963	154	651002	53.306	ng	100
53) 3-Nitroaniline	9.875	138	82809	25.565	ng	95
54) 2,4-Dinitrophenol	9.975	184	56469	46.267	ng	88
55) Dibenzofuran	10.134	168	869704	49.634	ng	99
56) 4-Nitrophenol	10.028	139	231043	92.710	ng	99
57) 2,4-Dinitrotoluene	10.110	165	198652	51.428	ng	95
58) Fluorene	10.475	166	653311	48.952	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	161528	44.894	ng	99
60) Diethylphthalate	10.345	149	708286	49.726	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	336095	49.868	ng	97
62) 4-Nitroaniline	10.486	138	124311	40.634	ng	95
63) Azobenzene	10.628	77	729160	48.286	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	54378	39.427	ng	93
66) n-Nitrosodiphenylamine	10.586	169	569372	56.262	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	197355	56.657	ng	97
68) Hexachlorobenzene	11.022	284	208843	53.309	ng	99
69) Atrazine	11.110	200	177655	64.805	ng	99
70) Pentachlorophenol	11.216	266	283327	119.164	ng	100
71) Phenanthrene	11.439	178	1149825	71.991	ng	100
72) Anthracene	11.492	178	920723	59.084	ng	100
73) Carbazole	11.639	167	794689	54.833	ng	100
74) Di-n-butylphthalate	11.975	149	970667	57.971	ng	100
75) Fluoranthene	12.627	202	1606045	99.469	ng	100
77) Benzidine	12.745	184	205749	43.666	ng	99
78) Pyrene	12.857	202	1611807	64.260	ng	99
80) Butylbenzylphthalate	13.474	149	435719	57.942	ng	99
81) Benzo(a)anthracene	14.045	228	1340801	71.879	ng	98
82) 3,3'-Dichlorobenzidine	14.004	252	151754	27.902	ng	99
83) Chrysene	14.086	228	1293412	75.625	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	654971	77.632	ng	99
85) Di-n-octyl phthalate	14.651	149	1187418	77.378	ng	# 100
87) Indeno(1,2,3-cd)pyrene	17.033	276	854148	49.981	ng	97
88) Benzo(b)fluoranthene	15.104	252	1454184	89.865	ng	99
89) Benzo(k)fluoranthene	15.133	252	901808	64.620	ng	99
90) Benzo(a)pyrene	15.474	252	1044220	78.425	ng	98
91) Dibenzo(a,h)anthracene	17.051	278	592079	41.531	ng	98
92) Benzo(g,h,i)perylene	17.486	276	673940	47.326	ng	98

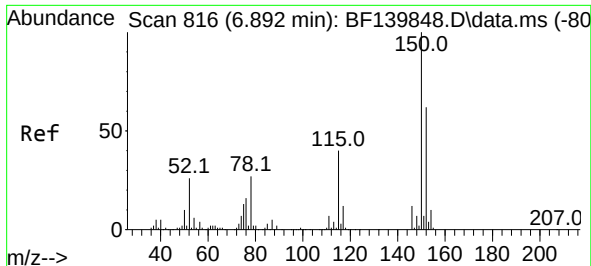
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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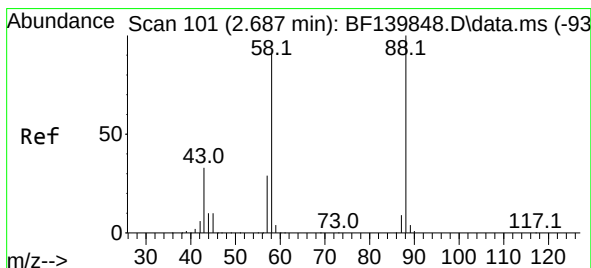
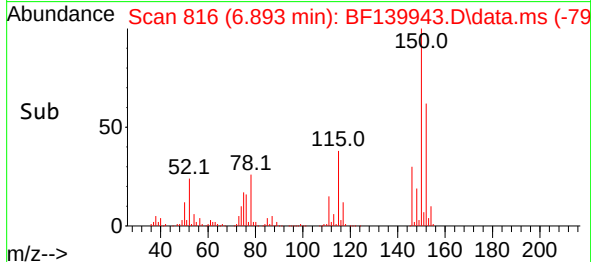
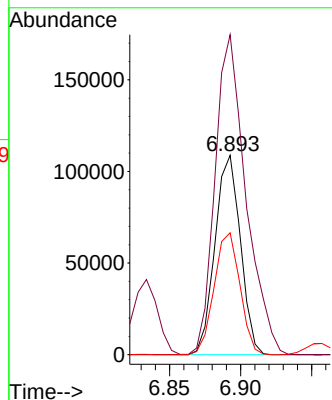
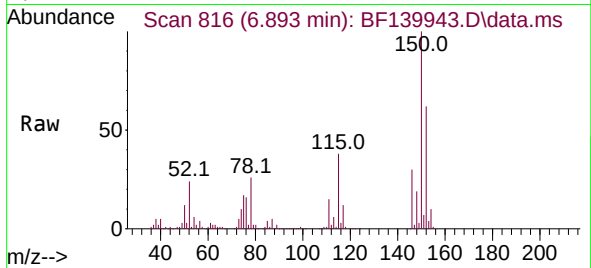




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

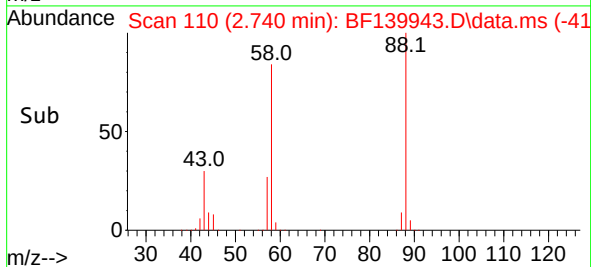
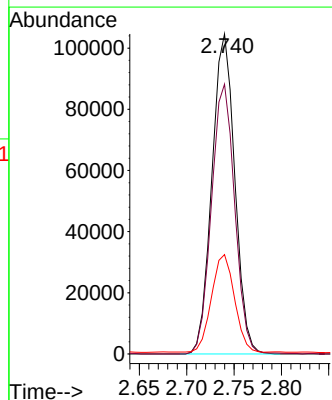
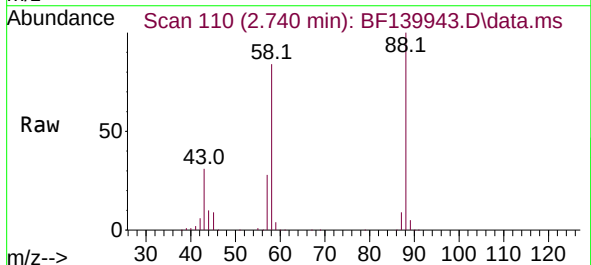
Instrument :
BNA_F
ClientSampleId :
72-11934MS

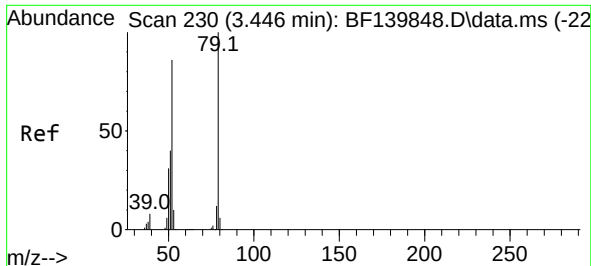
Tgt Ion:152 Resp: 135429
Ion Ratio Lower Upper
152 100
150 160.5 130.2 195.2
115 61.2 51.4 77.2



#2
1,4-Dioxane
Concen: 43.454 ng
RT: 2.740 min Scan# 110
Delta R.T. 0.053 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

Tgt Ion: 88 Resp: 175270
Ion Ratio Lower Upper
88 100
58 85.9 73.3 109.9
43 30.6 27.1 40.7





#3

Pyridine

Concen: 44.043 ng

RT: 3.499 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

Instrument :

BNA_F

ClientSampleId :

72-11934MS

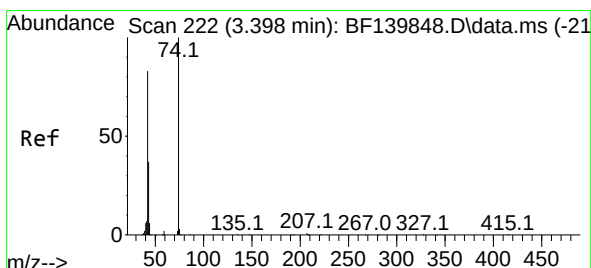
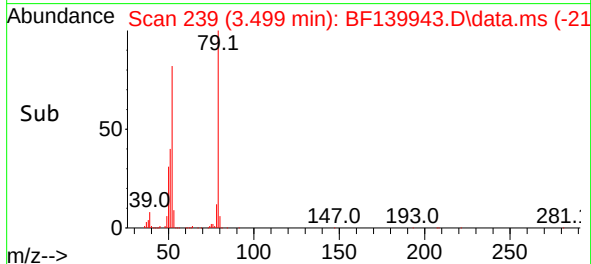
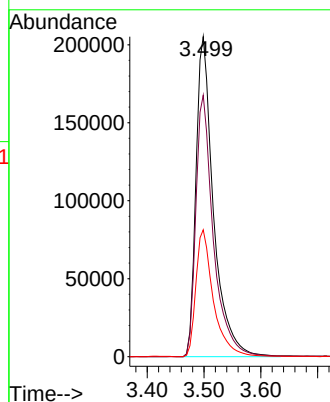
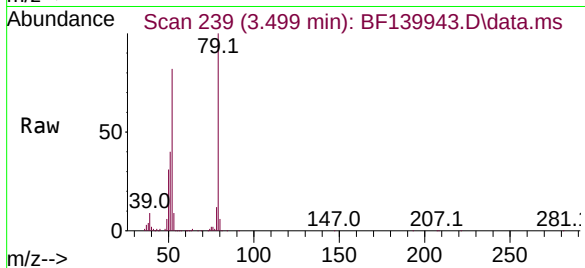
Tgt Ion: 79 Resp: 440331

Ion Ratio Lower Upper

79 100

52 81.7 68.5 102.7

51 39.7 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 46.267 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.047 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

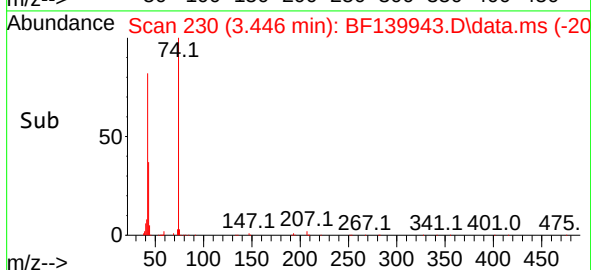
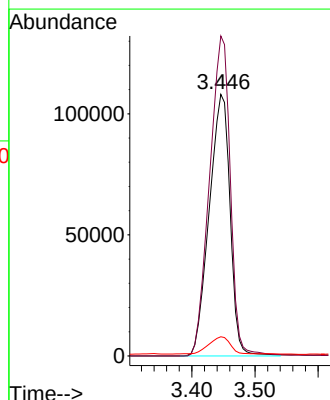
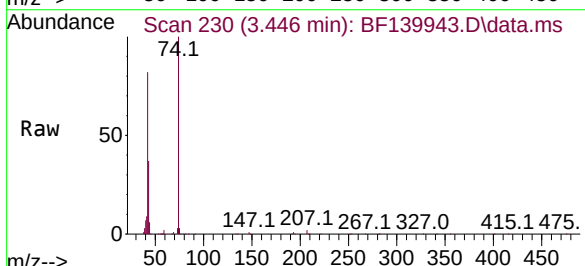
Tgt Ion: 42 Resp: 248522

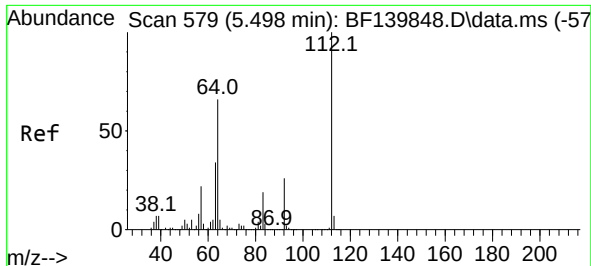
Ion Ratio Lower Upper

42 100

74 122.3 96.2 144.4

44 7.4 6.2 9.2

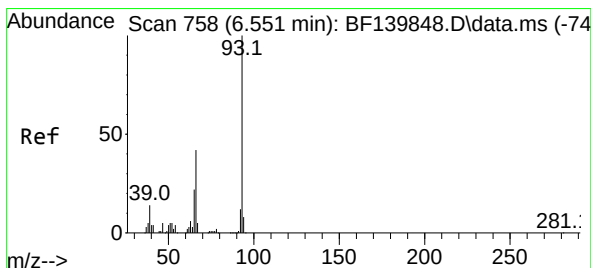
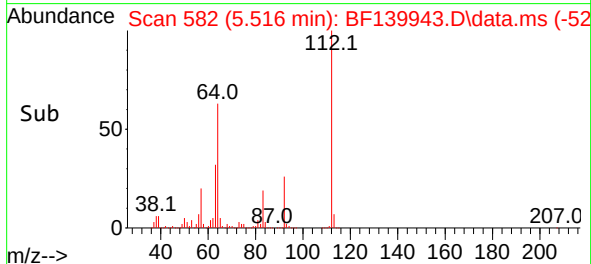
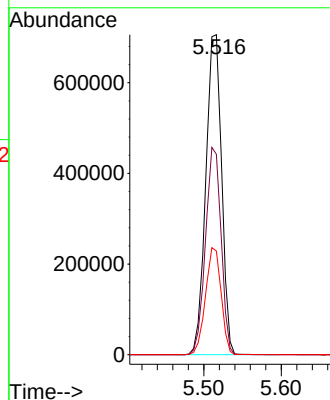
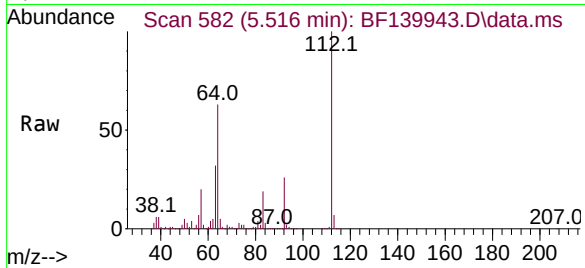




#5
2-Fluorophenol
Concen: 115.698 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

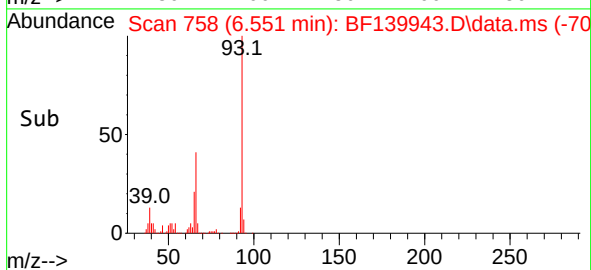
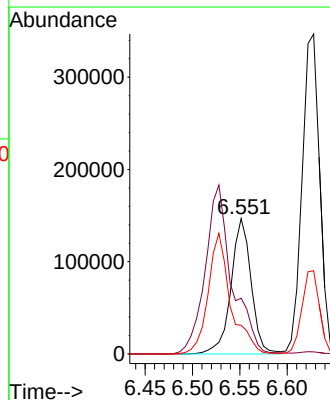
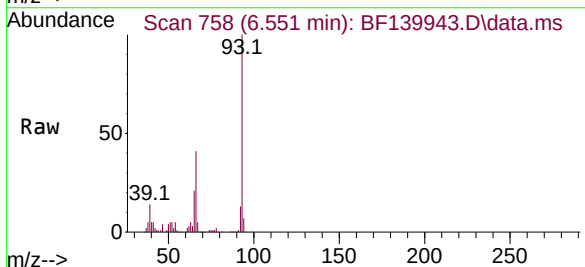
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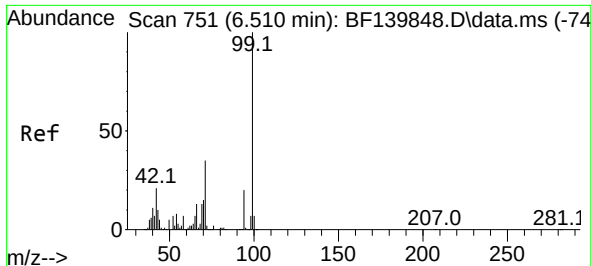
Tgt Ion:112 Resp: 1000894
Ion Ratio Lower Upper
112 100
64 62.7 53.0 79.6
63 32.4 27.0 40.4



#6
Aniline
Concen: 20.779 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

Tgt Ion: 93 Resp: 216974
Ion Ratio Lower Upper
93 100
66 41.1 34.0 51.0
65 21.1 17.4 26.0





#7

Phenol-d6

Concen: 110.935 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

Instrument :

BNA_F

ClientSampleId :

72-11934MS

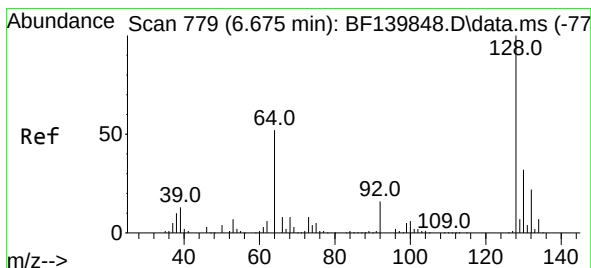
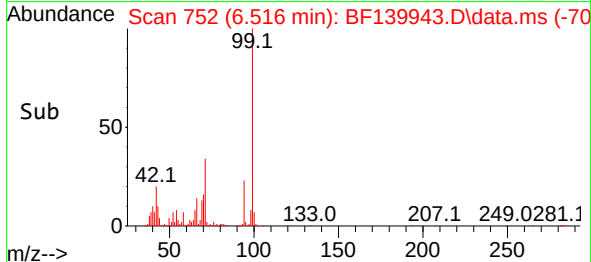
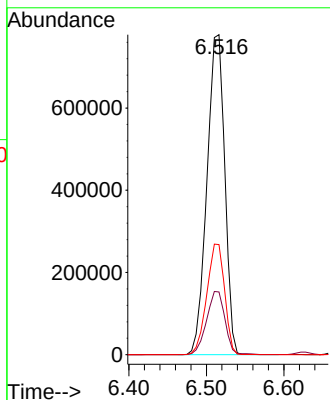
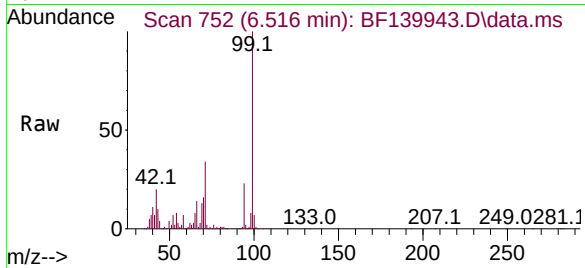
Tgt Ion: 99 Resp: 1242955

Ion Ratio Lower Upper

99 100

42 19.6 16.7 25.1

71 34.4 27.7 41.5



#8

2-Chlorophenol

Concen: 50.836 ng

RT: 6.675 min Scan# 779

Delta R.T. 0.000 min

Lab File: BF139943.D

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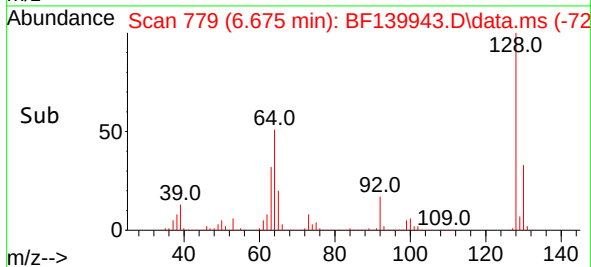
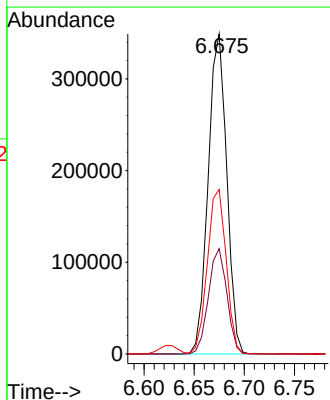
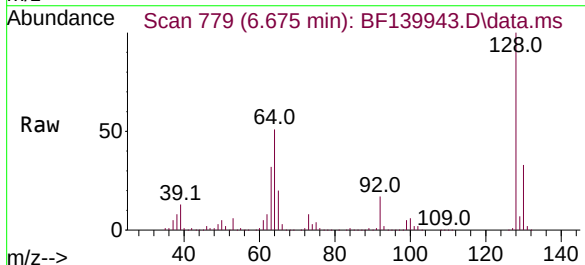
Tgt Ion: 128 Resp: 449584

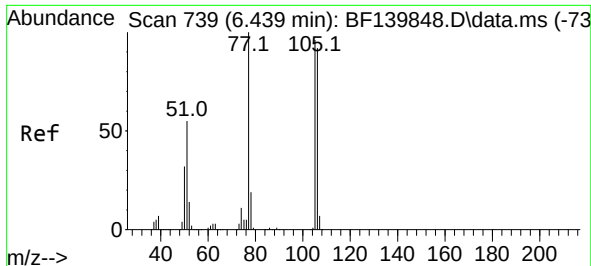
Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

64 51.4 34.6 74.6

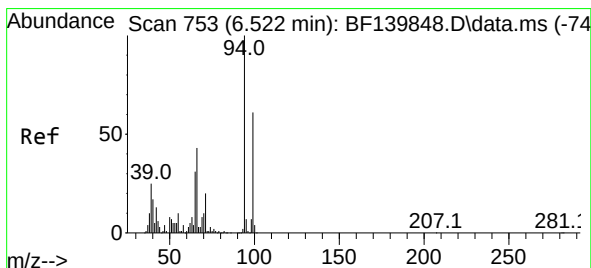
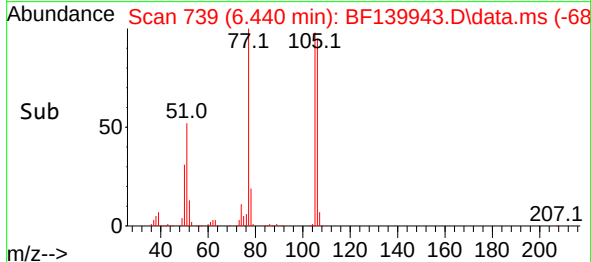
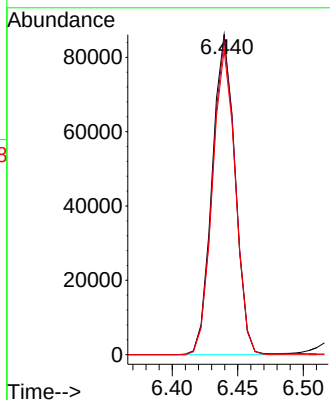
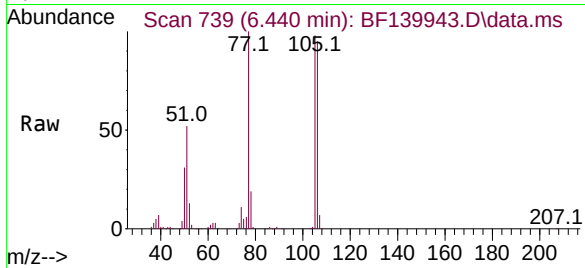




#9
Benzaldehyde
Concen: 16.564 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

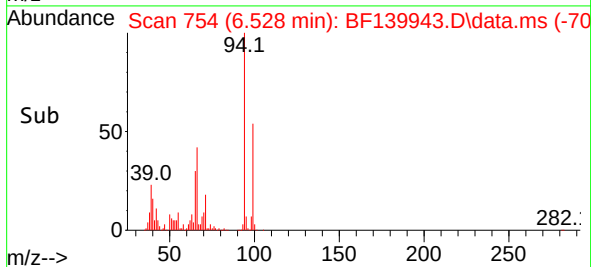
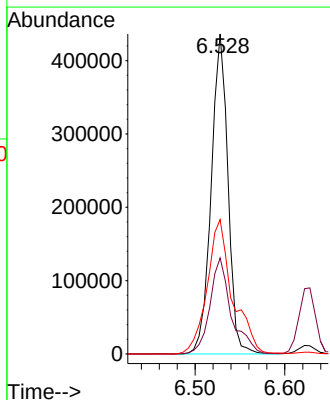
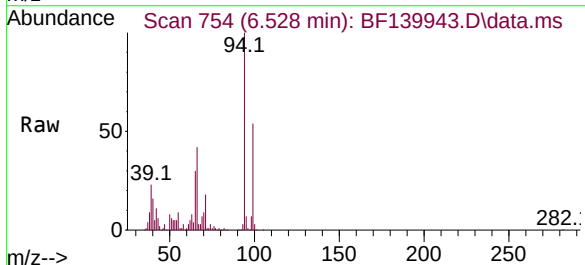
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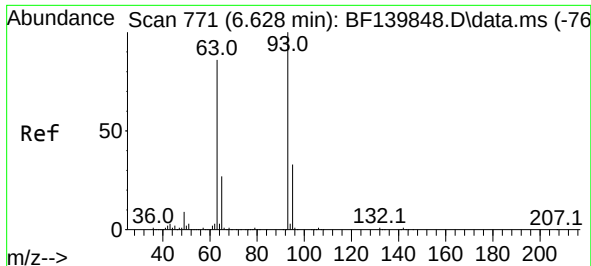
Tgt Ion: 77 Resp: 104404
Ion Ratio Lower Upper
77 100
105 98.4 75.5 115.5
106 95.1 71.7 111.7



#10
Phenol
Concen: 48.965 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

Tgt Ion: 94 Resp: 565600
Ion Ratio Lower Upper
94 100
65 30.0 11.1 51.1
66 42.0 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 50.165 ng

RT: 6.628 min Scan# 771

Delta R.T. 0.000 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

Instrument :

BNA_F

ClientSampleId :

72-11934MS

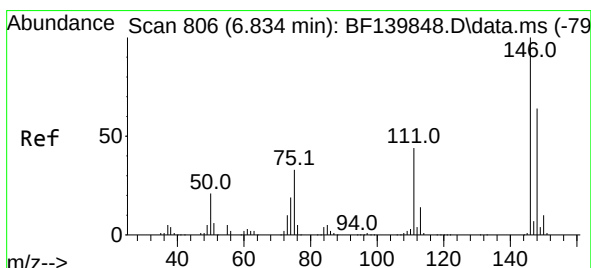
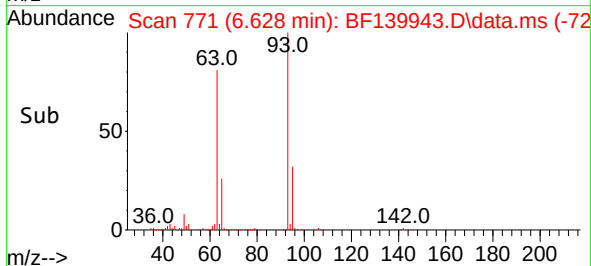
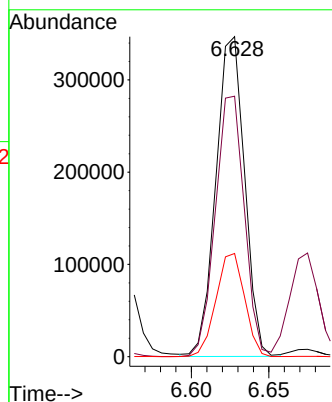
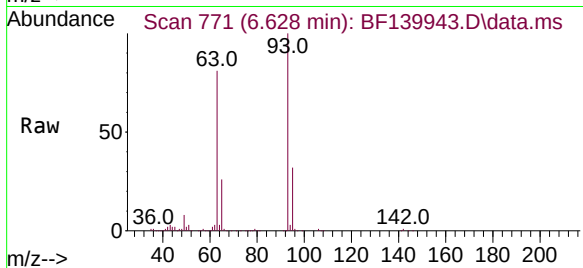
Tgt Ion: 93 Resp: 447885

Ion Ratio Lower Upper

93 100

63 81.4 65.0 105.0

95 32.3 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 48.233 ng

RT: 6.834 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

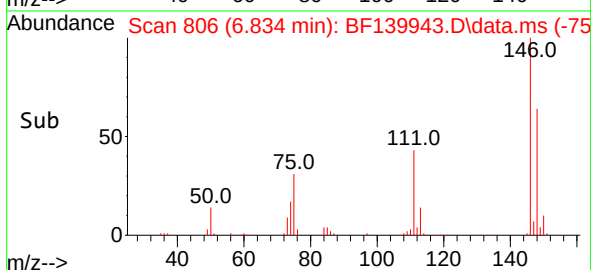
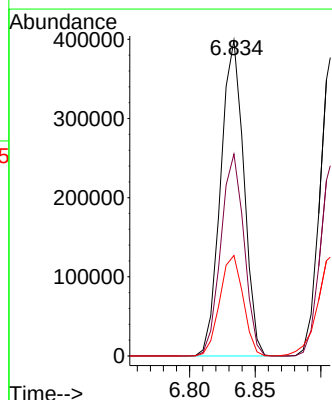
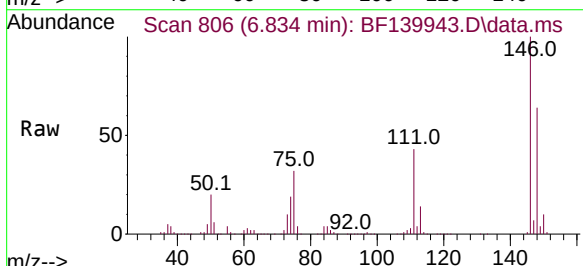
Tgt Ion: 146 Resp: 489661

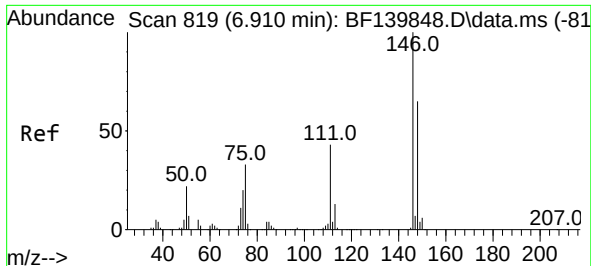
Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.4

75 31.9 26.4 39.6

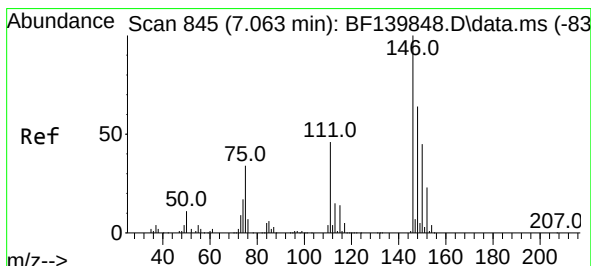
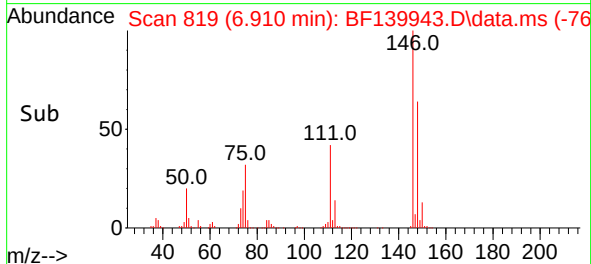
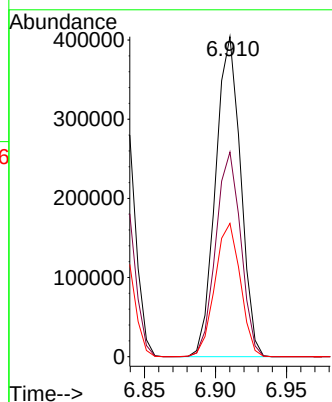
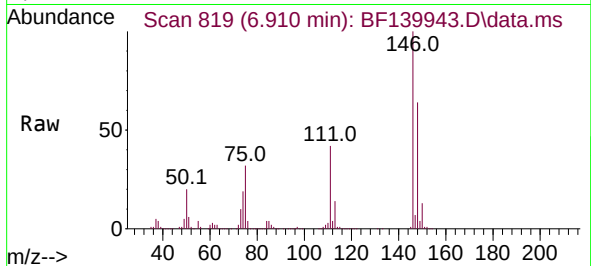




#13
1,4-Dichlorobenzene
Concen: 48.958 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

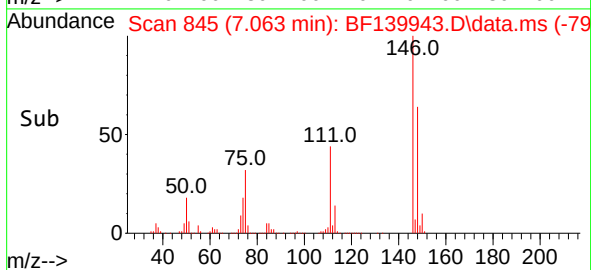
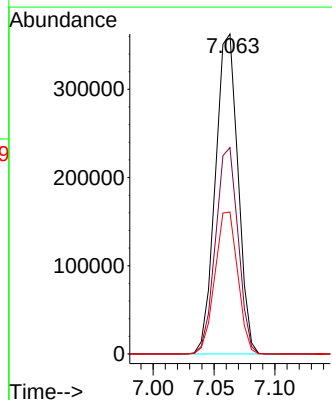
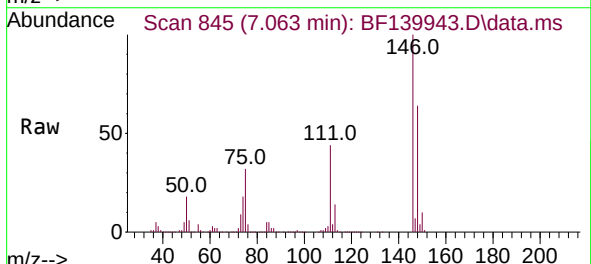
Instrument :
BNA_F
ClientSampleId :
72-11934MS

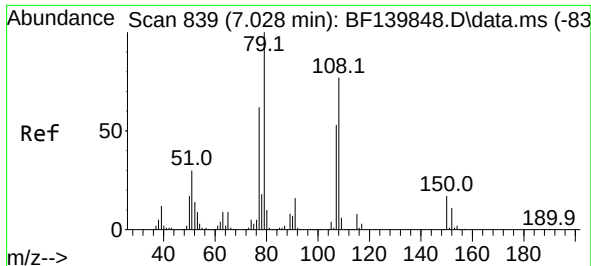
Tgt Ion:146 Resp: 496563
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
111 41.6 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 49.480 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

Tgt Ion:146 Resp: 468380
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.2
111 44.4 36.7 55.1

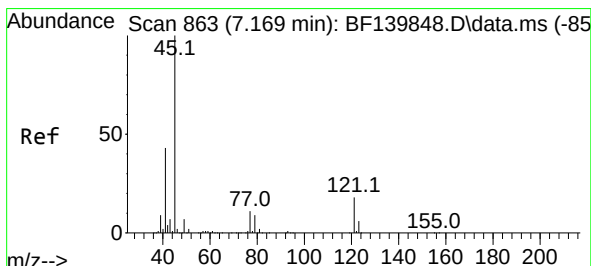
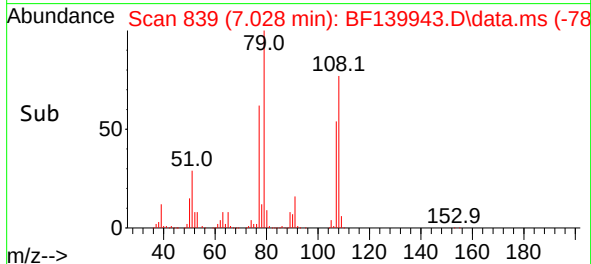
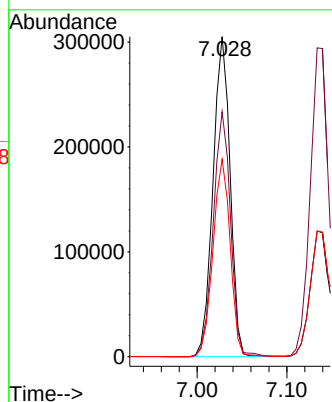
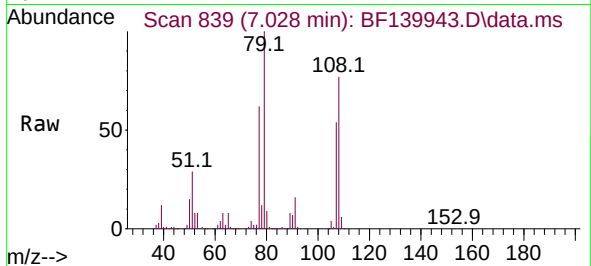




#15
Benzyl Alcohol
Concen: 49.245 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

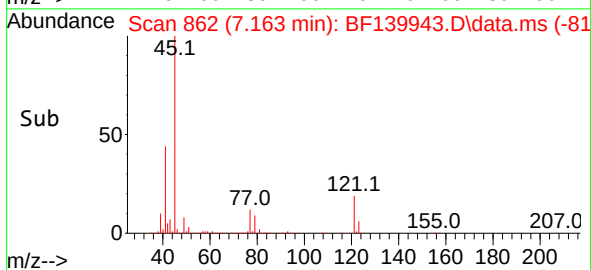
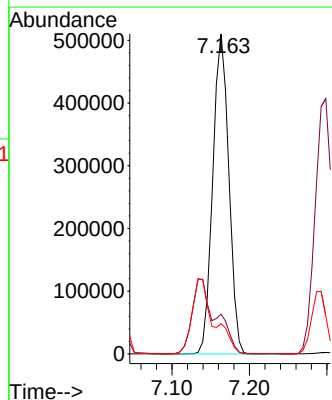
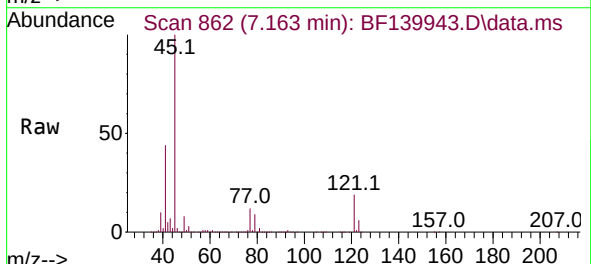
Instrument :
BNA_F
ClientSampleId :
72-11934MS

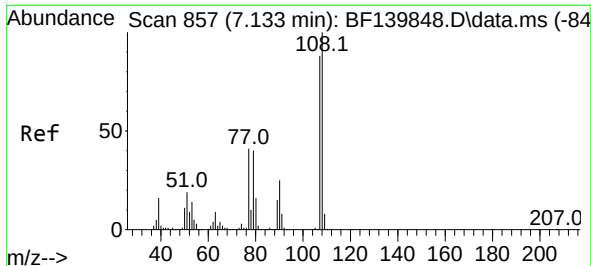
Tgt Ion: 79 Resp: 404733
Ion Ratio Lower Upper
79 100
108 76.6 61.4 92.0
77 61.7 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.109 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

Tgt Ion: 45 Resp: 732404
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.5
79 9.5 0.0 29.1





#17

2-Methylphenol

Concen: 47.870 ng

RT: 7.134 min Scan# 857

Delta R.T. 0.000 min

Lab File: BF139943.D

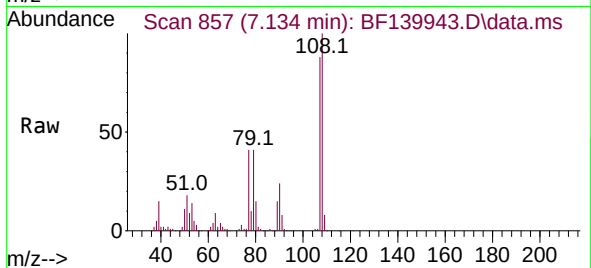
Acq: 22 Oct 2024 22:17

Instrument :

BNA_F

ClientSampleId :

72-11934MS



Tgt Ion:107 Resp: 360994

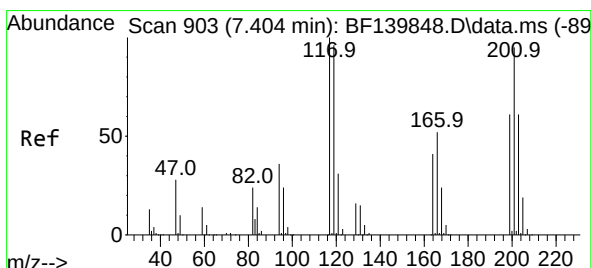
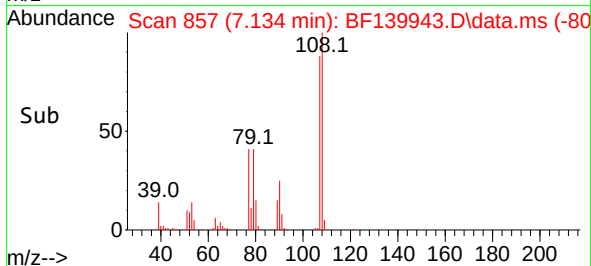
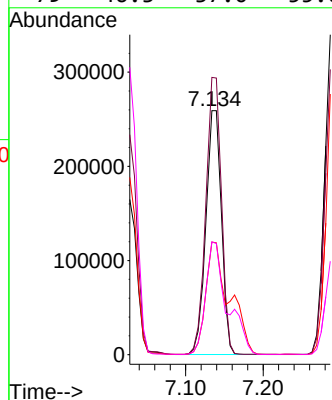
Ion Ratio Lower Upper

107 100

108 113.6 91.3 136.9

77 46.2 37.1 55.7

79 46.3 37.0 55.6



#18

Hexachloroethane

Concen: 48.868 ng

RT: 7.404 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

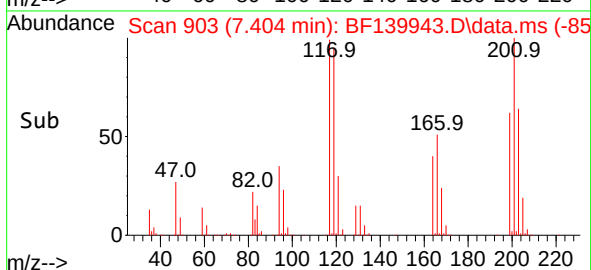
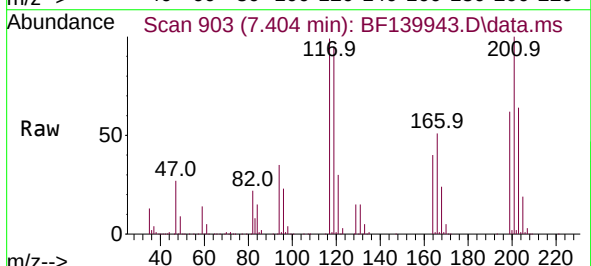
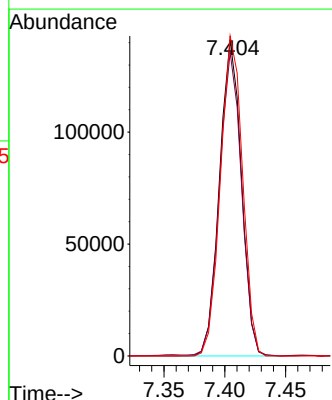
Tgt Ion:117 Resp: 176747

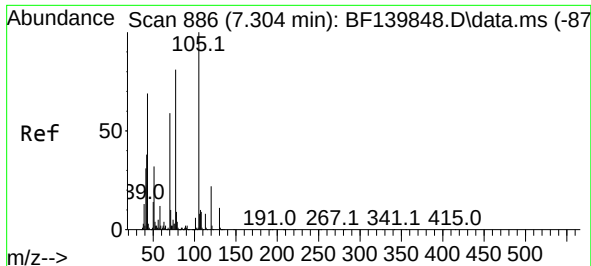
Ion Ratio Lower Upper

117 100

119 96.1 77.0 115.4

201 101.3 76.2 114.4

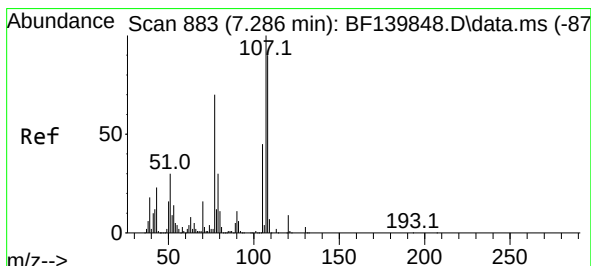
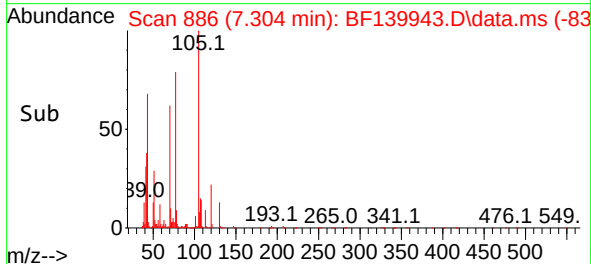
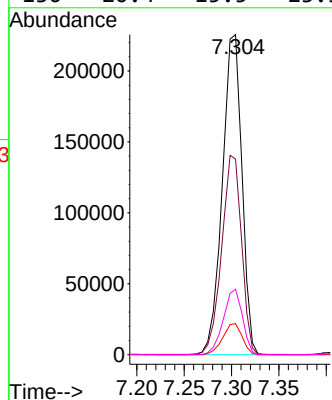
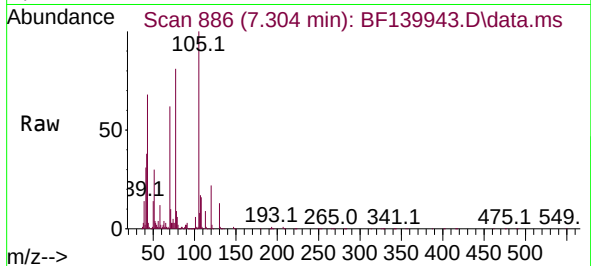




#19
n-Nitroso-di-n-propylamine
Concen: 47.858 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

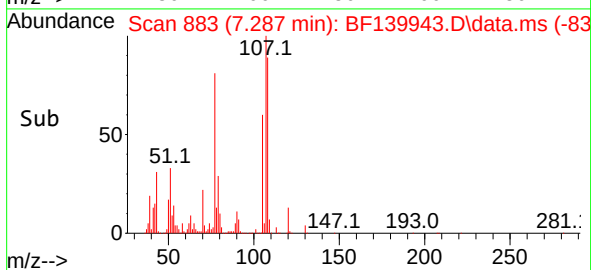
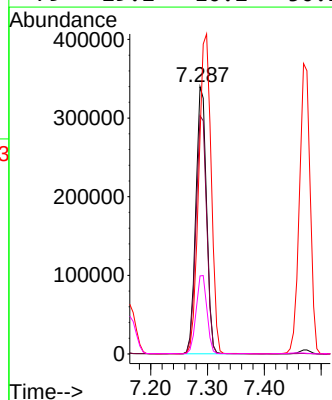
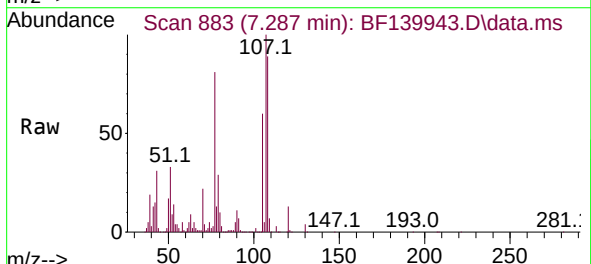
Instrument :
BNA_F
ClientSampleId :
72-11934MS

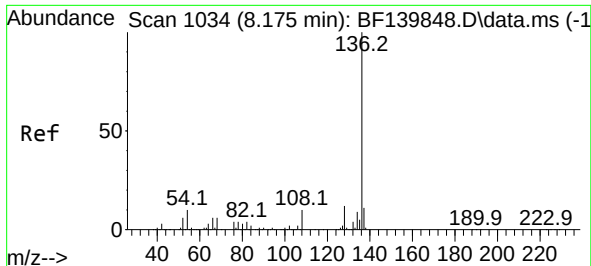
Tgt Ion: 70 Resp: 325215
Ion Ratio Lower Upper
70 100
42 61.1 51.5 77.3
101 9.7 7.5 11.3
130 20.4 15.5 23.3



#20
3+4-Methylphenols
Concen: 46.301 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

Tgt Ion: 107 Resp: 446606
Ion Ratio Lower Upper
107 100
108 89.1 69.8 109.8
77 81.4 50.5 90.5
79 29.2 10.2 50.2



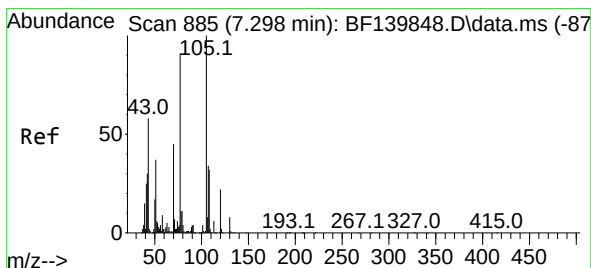
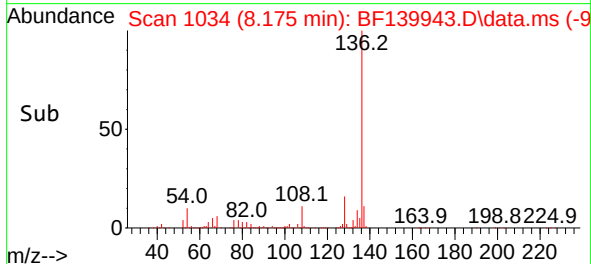
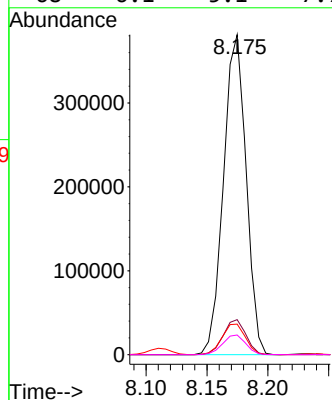
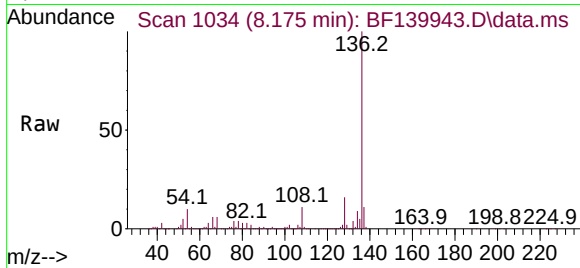


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

Instrument :
BNA_F
ClientSampleId :
72-11934MS

Tgt Ion:136 Resp: 493211

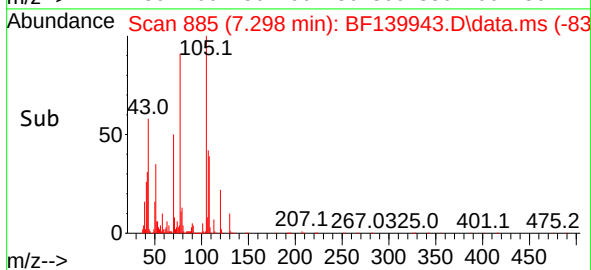
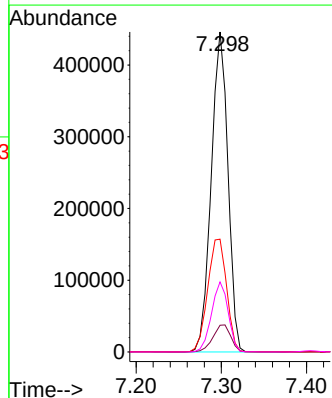
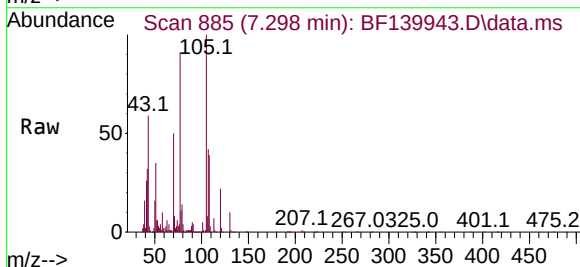
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.6	8.4	12.6
68	6.1	5.1	7.7

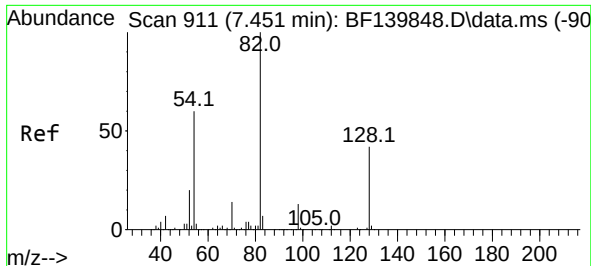


#22
Acetophenone
Concen: 50.244 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

Tgt Ion:105 Resp: 606963

Ion	Ratio	Lower	Upper
105	100		
71	8.4	5.9	8.9
51	35.3	29.4	44.2
120	21.9	17.5	26.3

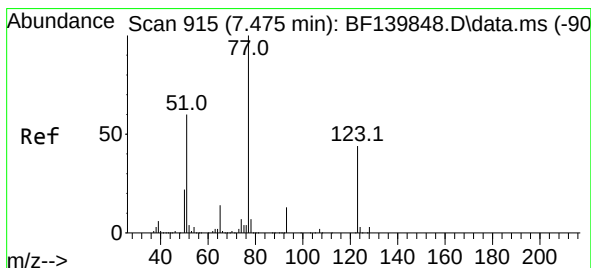
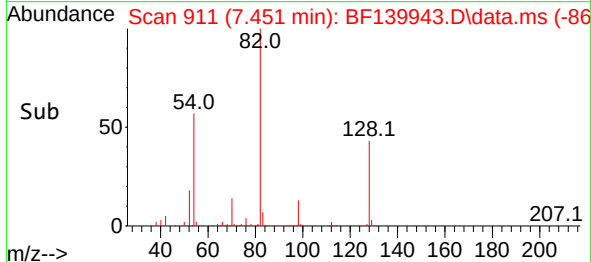
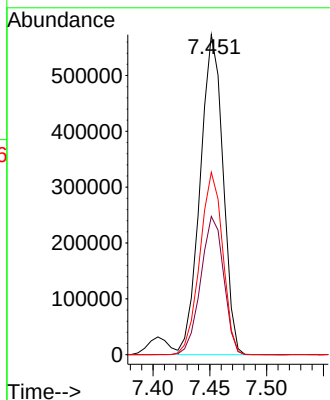
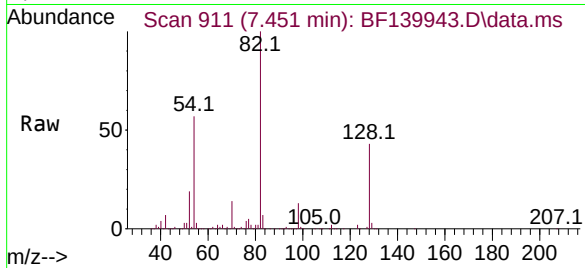




#23
Nitrobenzene-d5
Concen: 89.922 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

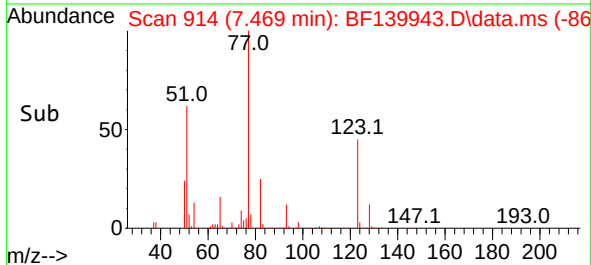
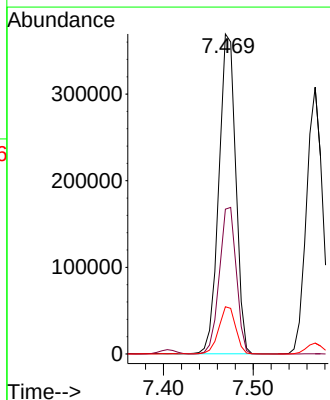
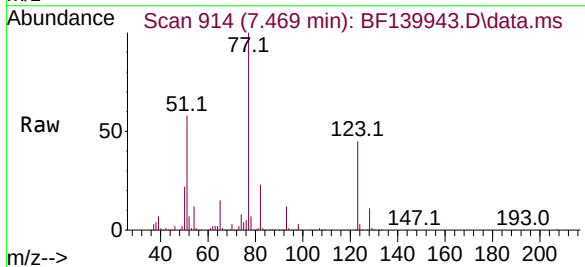
Instrument :
BNA_F
ClientSampleId :
72-11934MS

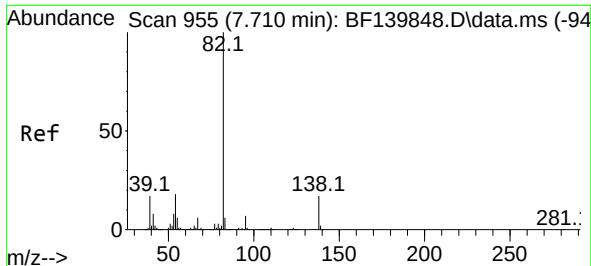
Tgt Ion: 82 Resp: 800214
Ion Ratio Lower Upper
82 100
128 43.2 33.4 50.0
54 57.0 47.8 71.8



#24
Nitrobenzene
Concen: 49.389 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

Tgt Ion: 77 Resp: 481879
Ion Ratio Lower Upper
77 100
123 45.3 35.7 53.5
65 14.7 11.5 17.3

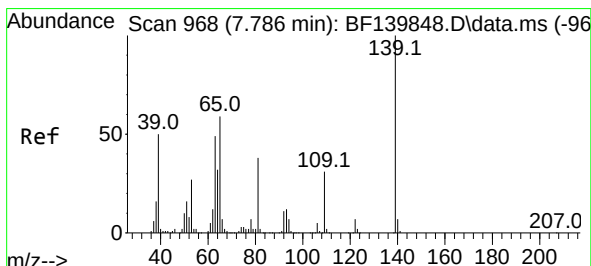
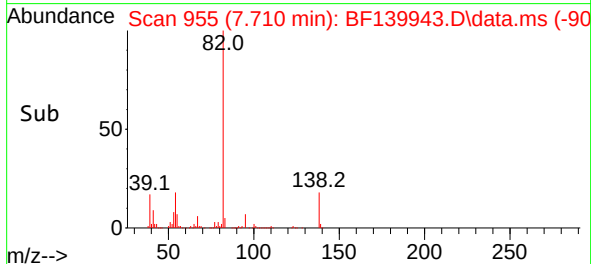
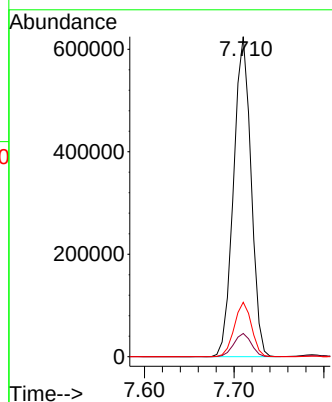
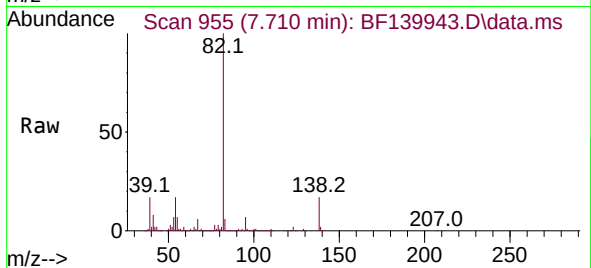




#25
Isophorone
Concen: 50.030 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

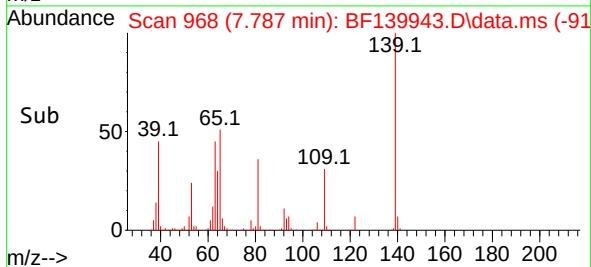
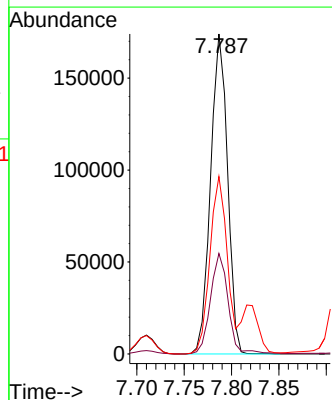
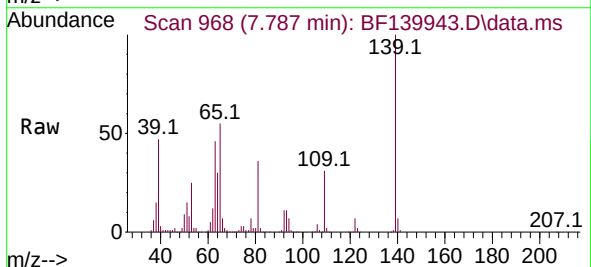
Instrument :
BNA_F
ClientSampleId :
72-11934MS

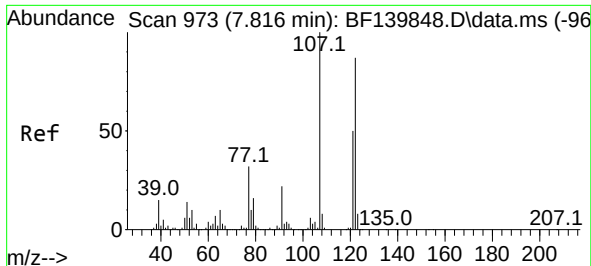
Tgt Ion: 82 Resp: 845014
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 17.0 13.2 19.8



#26
2-Nitrophenol
Concen: 58.633 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

Tgt Ion:139 Resp: 215813
Ion Ratio Lower Upper
139 100
109 31.4 25.1 37.7
65 55.5 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 57.833 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139943.D

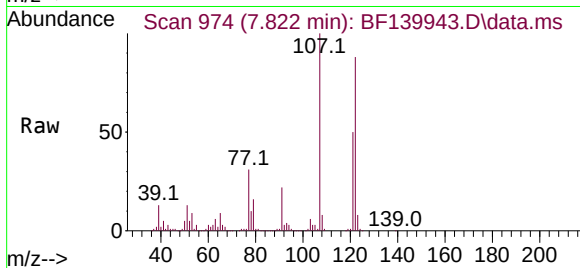
Acq: 22 Oct 2024 22:17

Instrument :

BNA_F

ClientSampleId :

72-11934MS



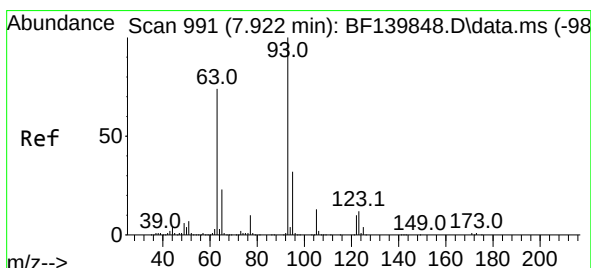
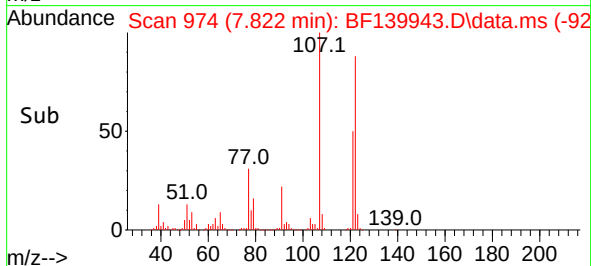
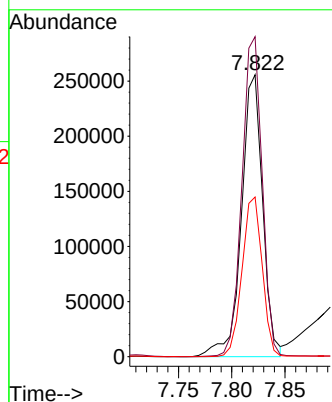
Tgt Ion:122 Resp: 354950

Ion Ratio Lower Upper

122 100

107 113.5 91.9 137.9

121 56.6 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 50.721 ng

RT: 7.922 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

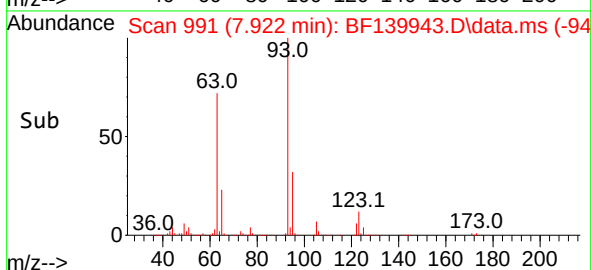
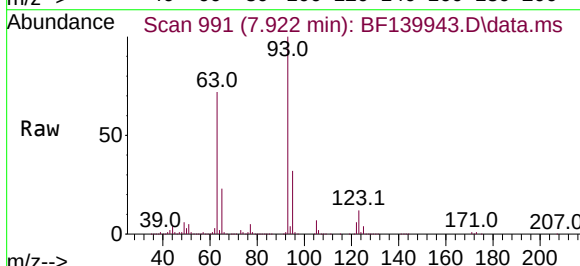
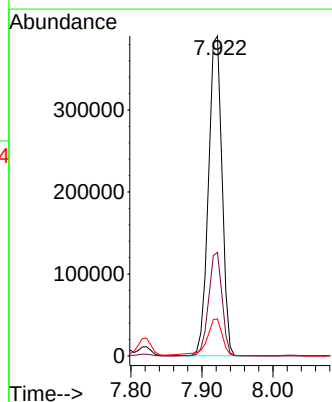
Tgt Ion: 93 Resp: 519036

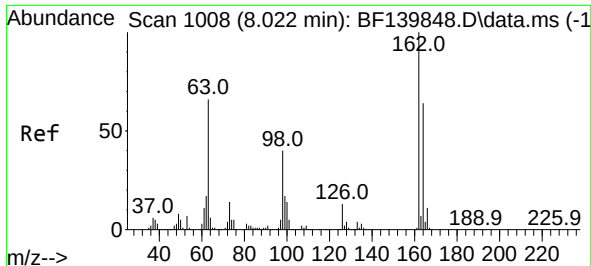
Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

123 11.6 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 48.334 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

Instrument :

BNA_F

ClientSampleId :

72-11934MS

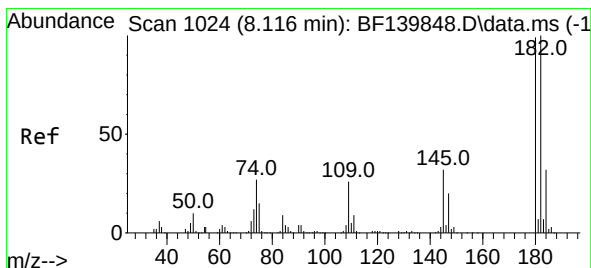
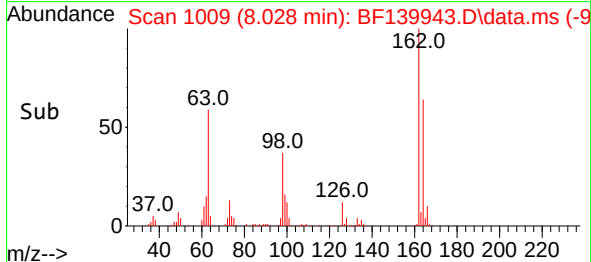
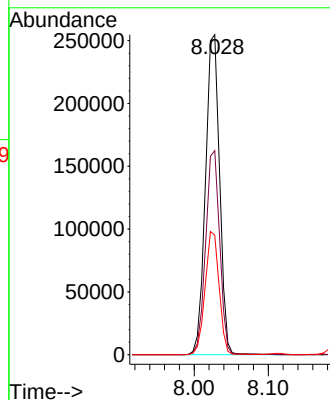
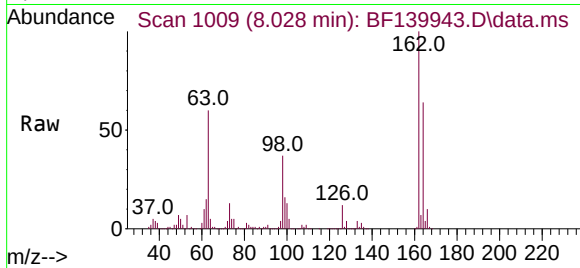
Tgt Ion:162 Resp: 337893

Ion Ratio Lower Upper

162 100

164 63.7 43.9 83.9

98 37.3 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 49.284 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

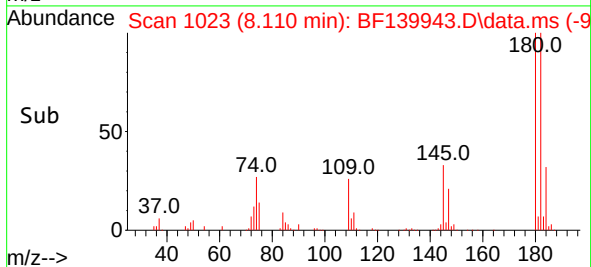
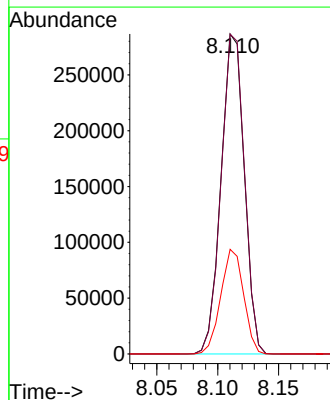
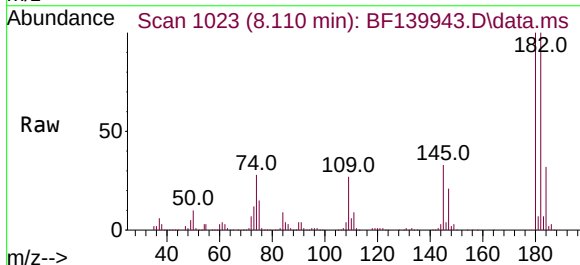
Tgt Ion:180 Resp: 381230

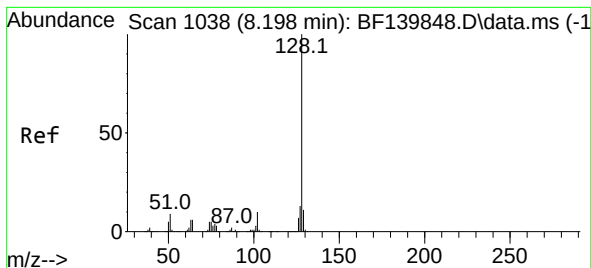
Ion Ratio Lower Upper

180 100

182 100.0 80.5 120.7

145 32.7 25.4 38.0





#31

Naphthalene

Concen: 49.680 ng

RT: 8.192 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

Instrument :

BNA_F

ClientSampleId :

72-11934MS

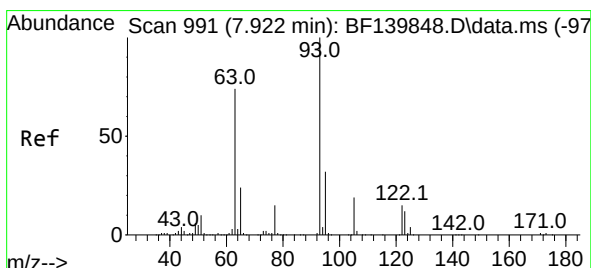
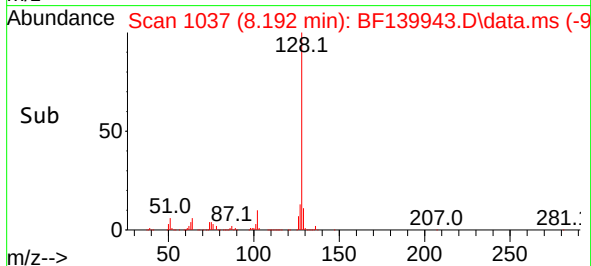
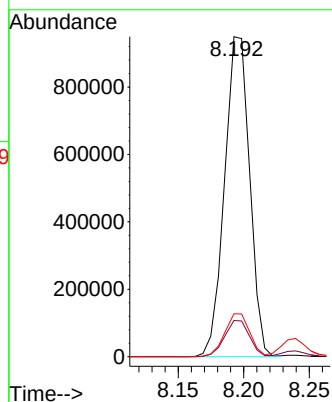
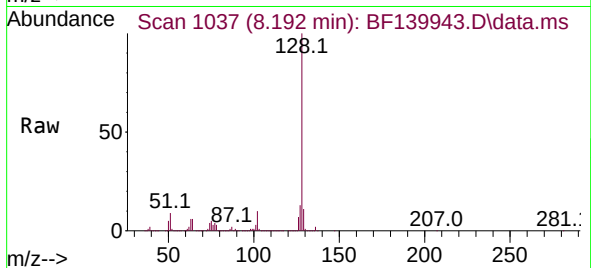
Tgt Ion:128 Resp: 1263695

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.4 10.6 16.0



#32

Benzoic acid

Concen: 31.972 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.018 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

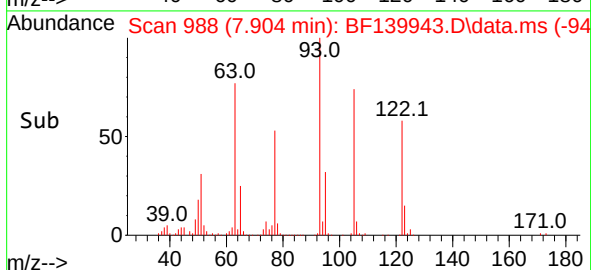
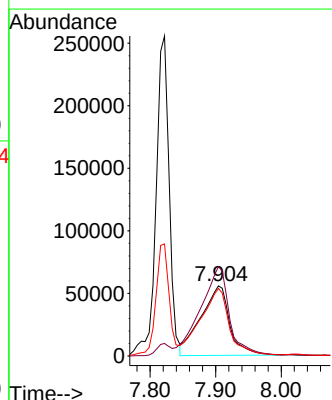
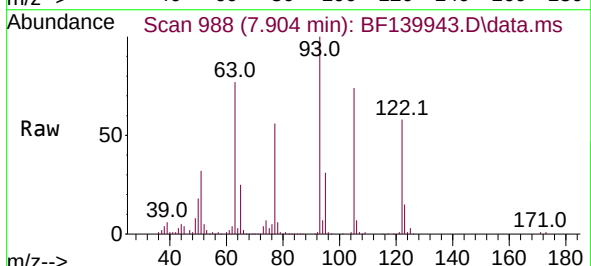
Tgt Ion:122 Resp: 171149

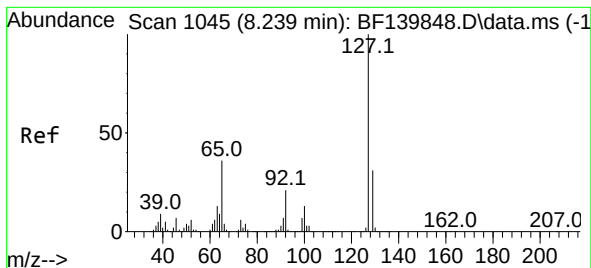
Ion Ratio Lower Upper

122 100

105 127.5 107.6 147.6

77 96.4 80.2 120.2





#33

4-Chloroaniline

Concen: 9.024 ng

RT: 8.240 min Scan# 1045

Delta R.T. 0.000 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

Instrument :

BNA_F

ClientSampleId :

72-11934MS

Tgt Ion:127 Resp: 78274

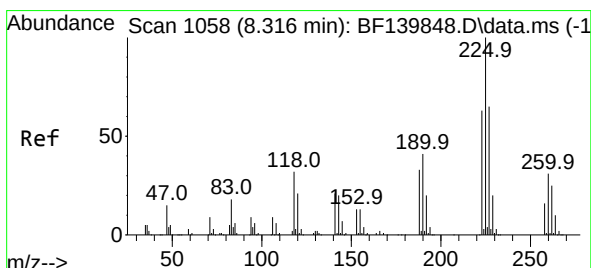
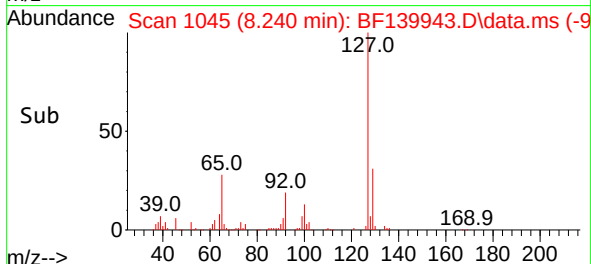
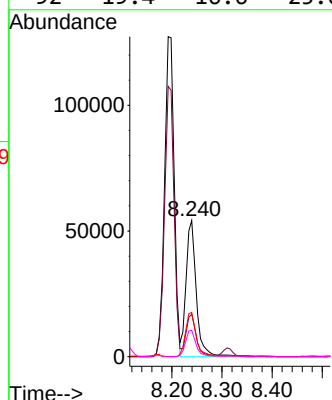
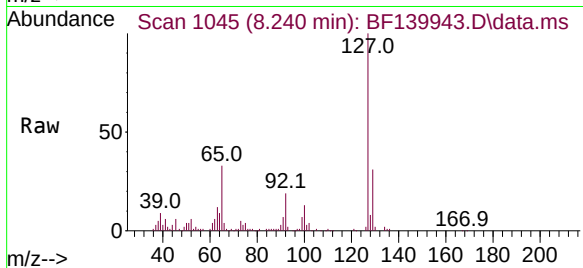
Ion Ratio Lower Upper

127 100

129 31.3 25.4 38.2

65 32.5 28.4 42.6

92 19.4 16.6 25.0



#34

Hexachlorobutadiene

Concen: 51.393 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.006 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

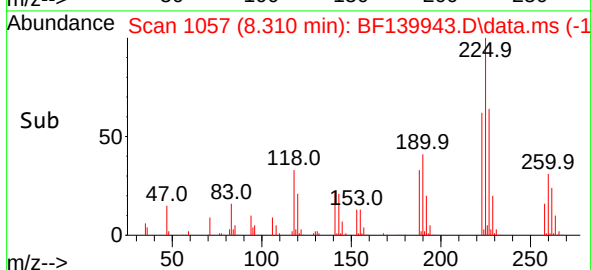
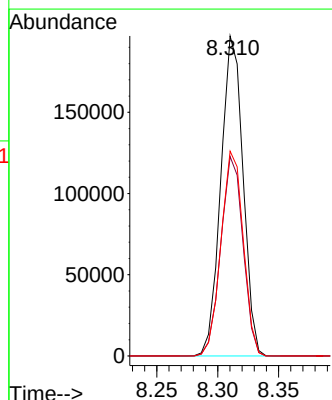
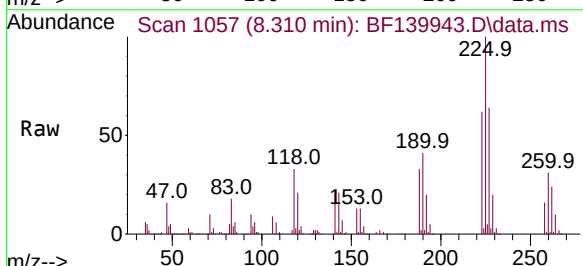
Tgt Ion:225 Resp: 249782

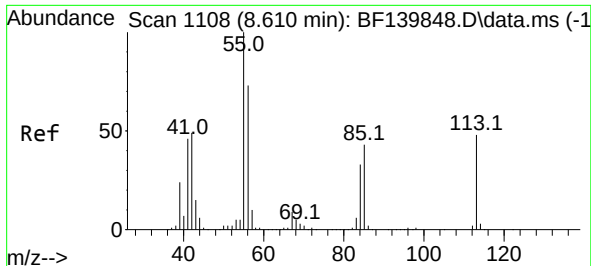
Ion Ratio Lower Upper

225 100

223 62.3 50.6 76.0

227 64.0 51.8 77.8

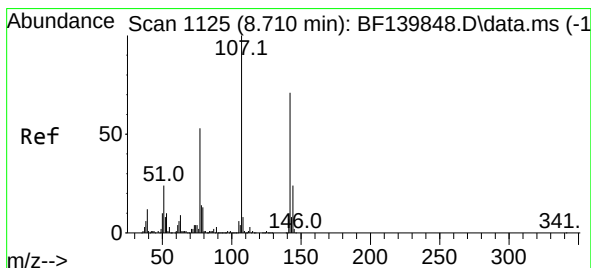
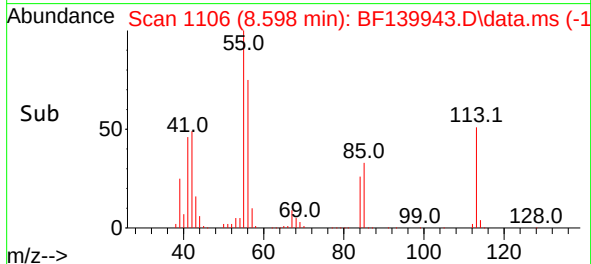
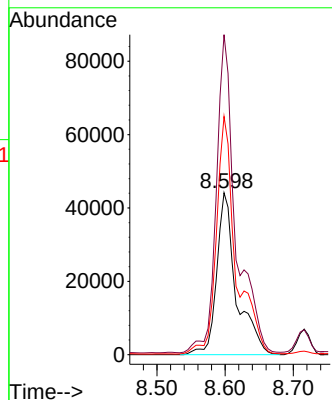
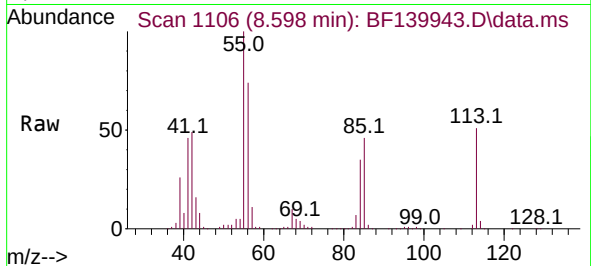




#35
 Caprolactam
 Concen: 39.942 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.012 min
 Lab File: BF139943.D
 Acq: 22 Oct 2024 22:17

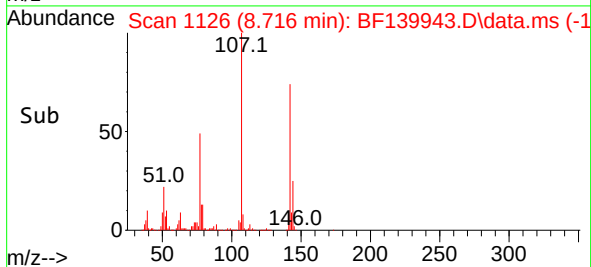
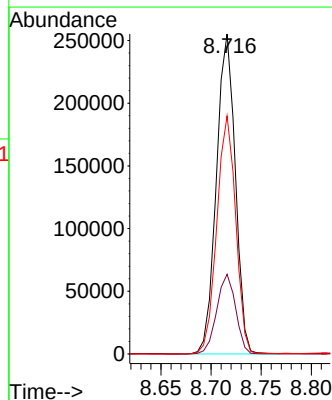
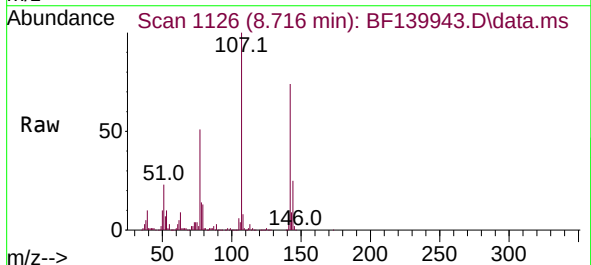
Instrument :
 BNA_F
 ClientSampleId :
 72-11934MS

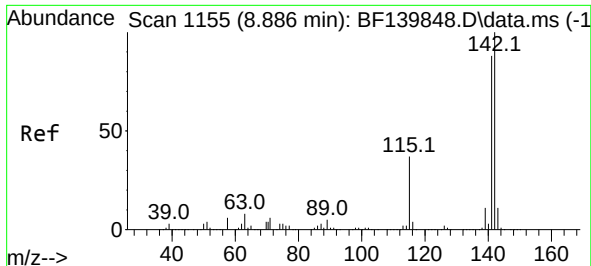
Tgt Ion:113 Resp: 88784
 Ion Ratio Lower Upper
 113 100
 55 197.7 189.2 229.2
 56 147.2 132.5 172.5



#36
 4-Chloro-3-methylphenol
 Concen: 43.263 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF139943.D
 Acq: 22 Oct 2024 22:17

Tgt Ion:107 Resp: 334888
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.1 28.7
 142 74.4 57.2 85.8





#37

2-Methylnaphthalene

Concen: 48.799 ng

RT: 8.887 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

Instrument :

BNA_F

ClientSampleId :

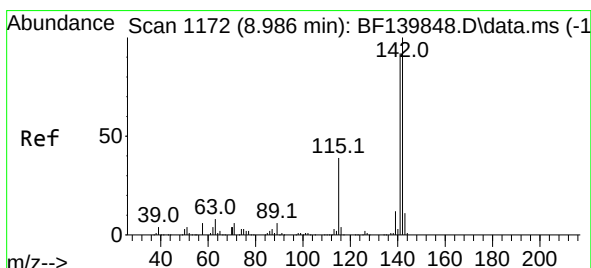
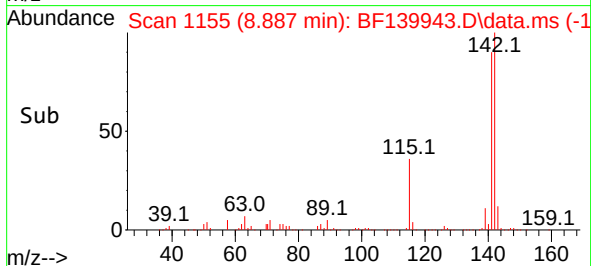
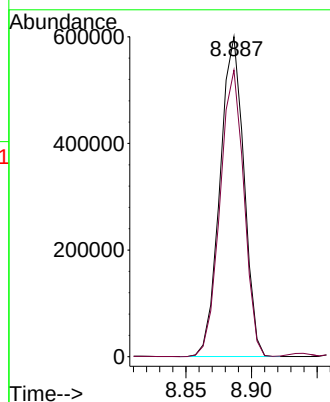
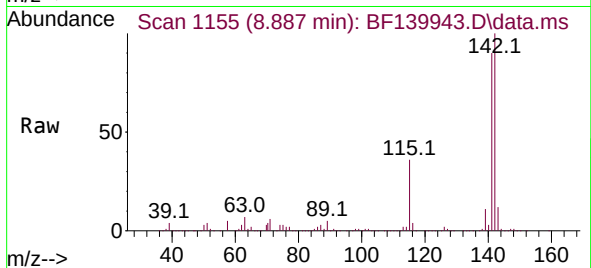
72-11934MS

Tgt Ion:142 Resp: 760213

Ion Ratio Lower Upper

142 100

141 89.6 70.8 106.2



#38

1-Methylnaphthalene

Concen: 45.973 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139943.D

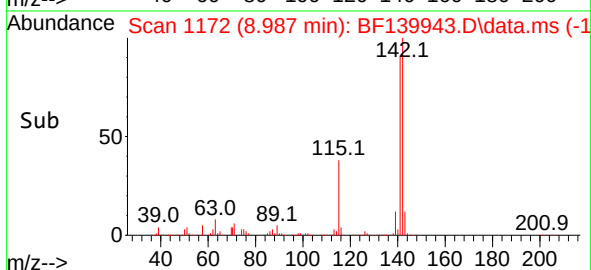
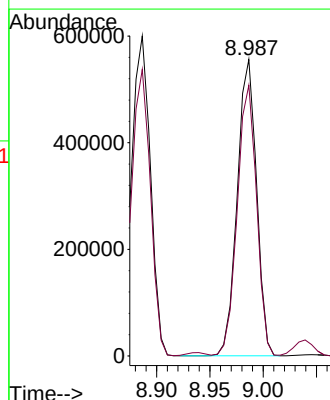
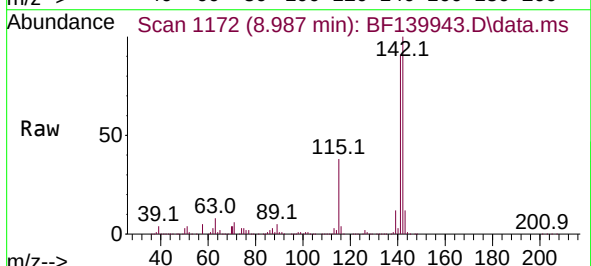
Acq: 22 Oct 2024 22:17

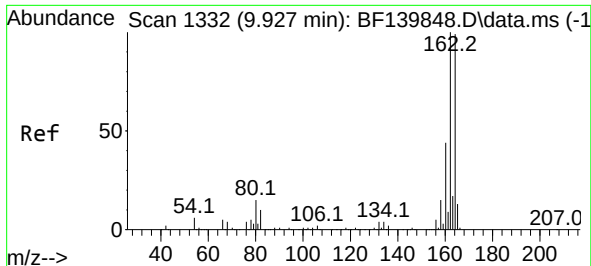
Tgt Ion:142 Resp: 702670

Ion Ratio Lower Upper

142 100

141 91.3 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 11

Delta R.T. 0.001 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

Instrument :

BNA_F

ClientSampleId :

72-11934MS

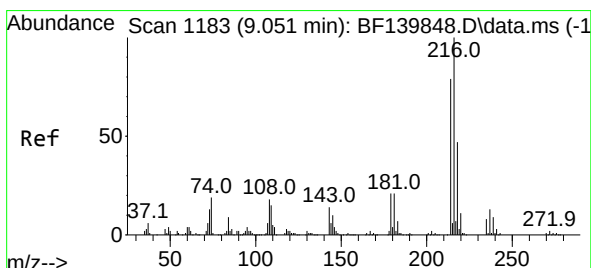
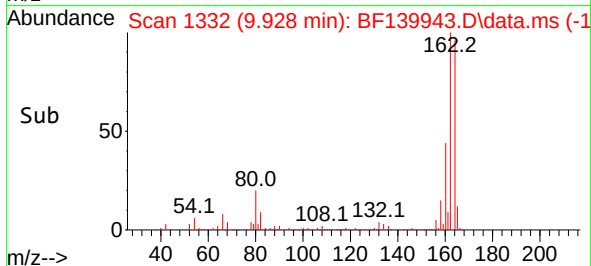
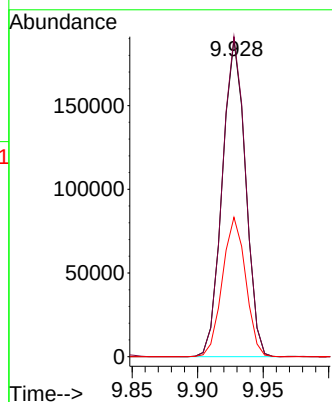
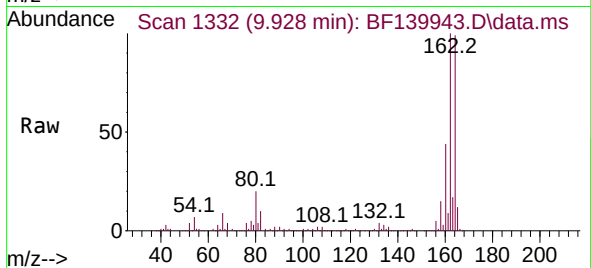
Tgt Ion:164 Resp: 232904

Ion Ratio Lower Upper

164 100

162 101.1 81.0 121.4

160 44.0 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.215 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

Tgt Ion:216 Resp: 353222

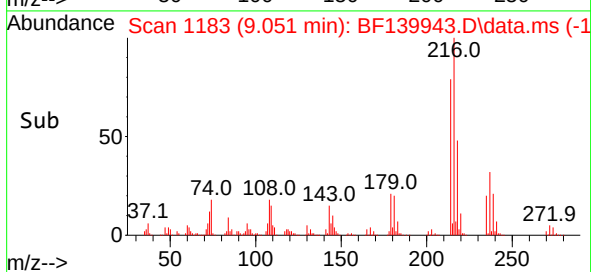
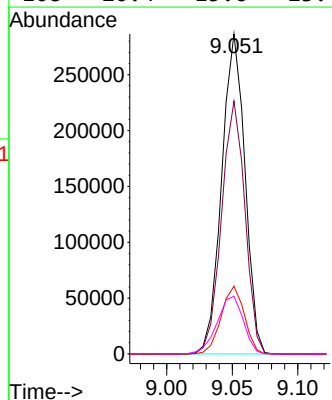
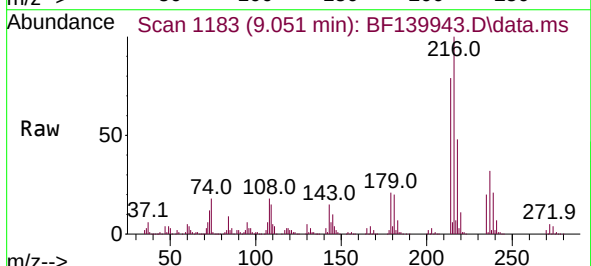
Ion Ratio Lower Upper

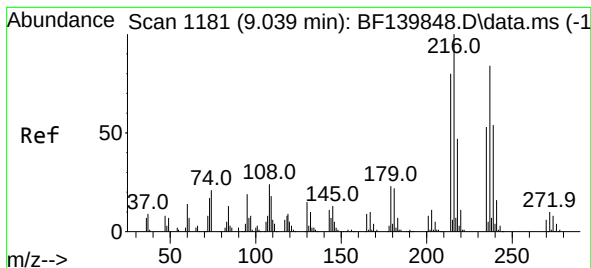
216 100

214 79.0 63.4 95.0

179 21.1 17.2 25.8

108 20.4 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 151.309 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

Instrument :

BNA_F

ClientSampleId :

72-11934MS

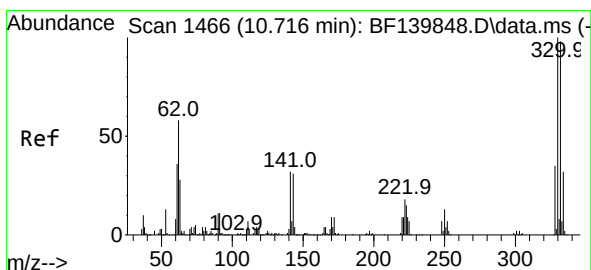
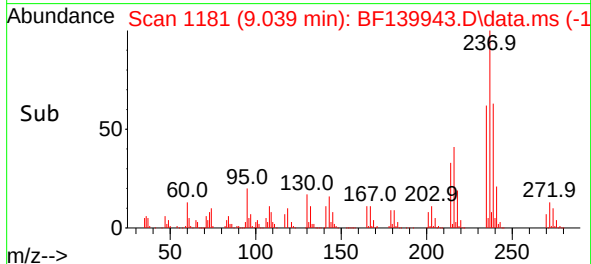
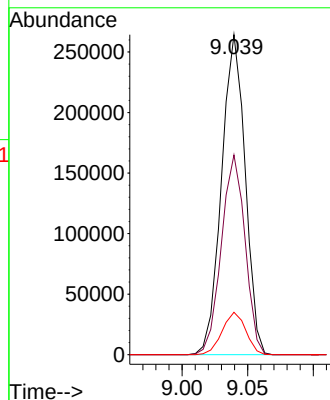
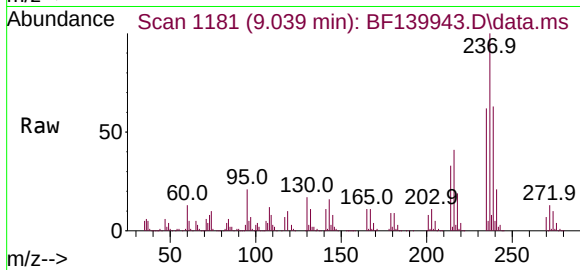
Tgt Ion:237 Resp: 330809

Ion Ratio Lower Upper

237 100

235 62.4 42.9 82.9

272 13.3 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 113.191 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

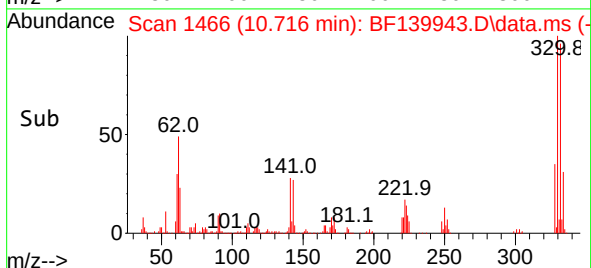
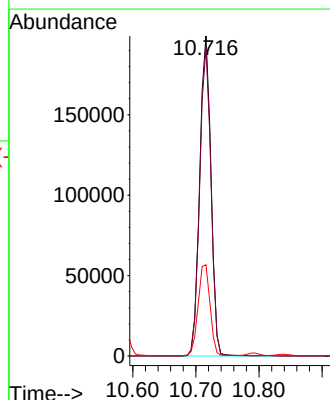
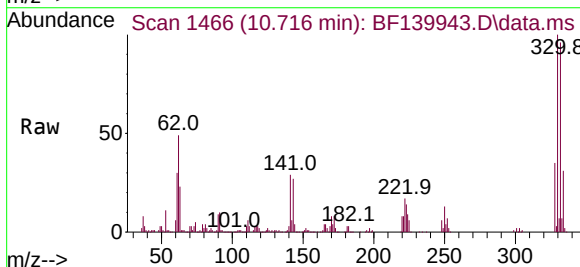
Tgt Ion:330 Resp: 246588

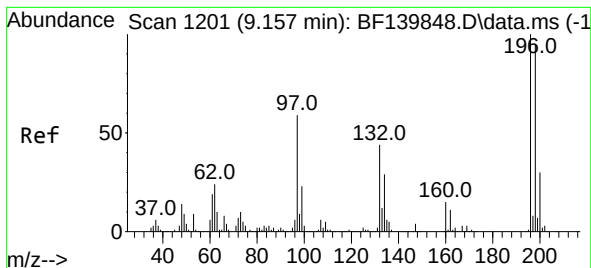
Ion Ratio Lower Upper

330 100

332 96.1 78.1 117.1

141 30.0 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 51.995 ng

RT: 9.157 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

Instrument :

BNA_F

ClientSampleId :

72-11934MS

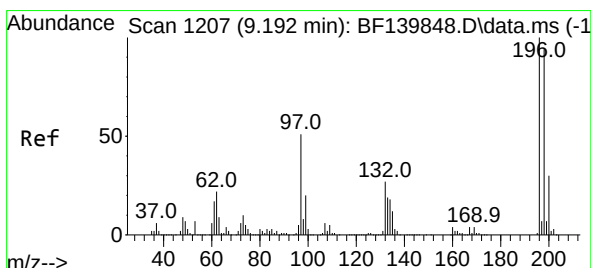
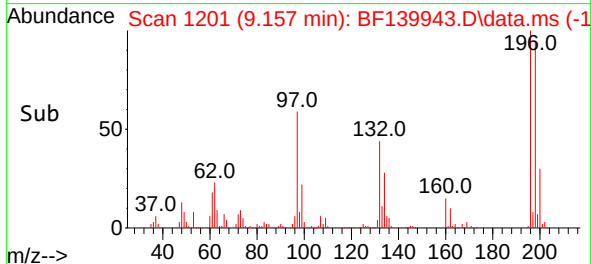
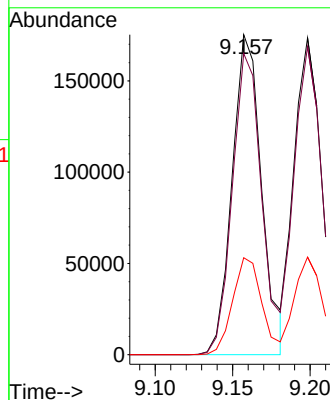
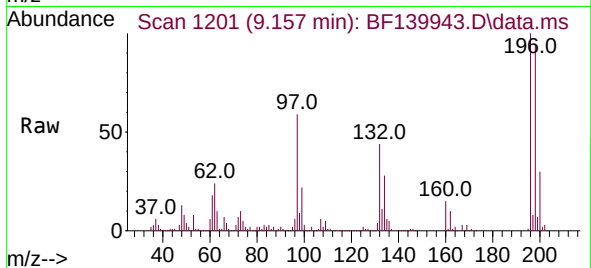
Tgt Ion:196 Resp: 231303

Ion Ratio Lower Upper

196 100

198 94.1 76.2 114.2

200 30.3 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 46.563 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

Tgt Ion:196 Resp: 213711

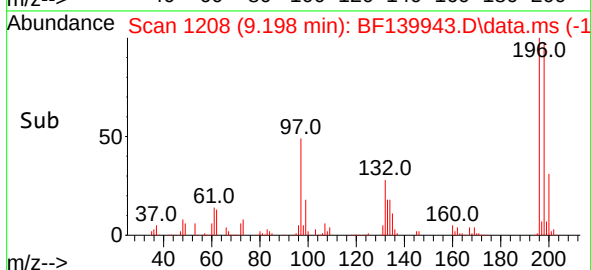
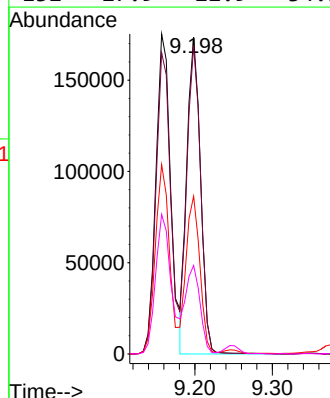
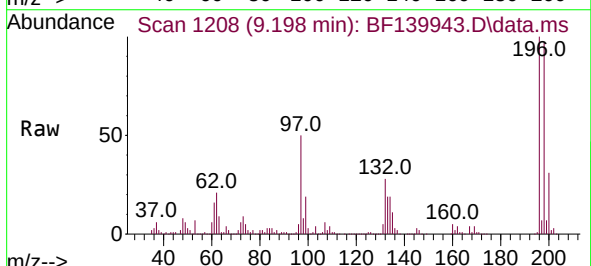
Ion Ratio Lower Upper

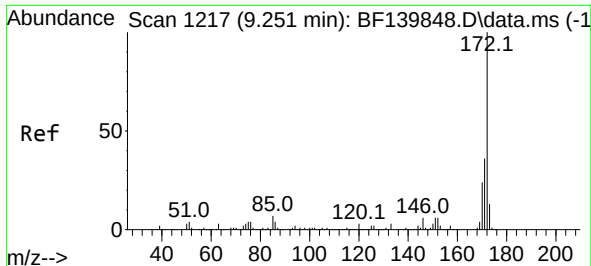
196 100

198 97.3 75.8 113.6

97 49.8 41.8 62.6

132 27.9 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 93.119 ng

RT: 9.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

Instrument :

BNA_F

ClientSampleId :

72-11934MS

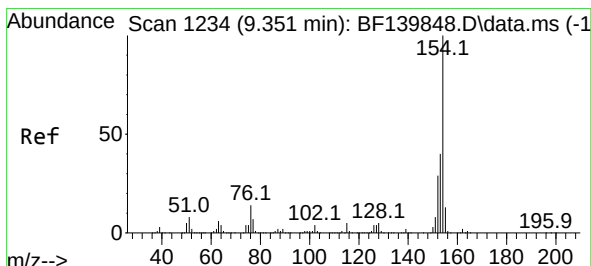
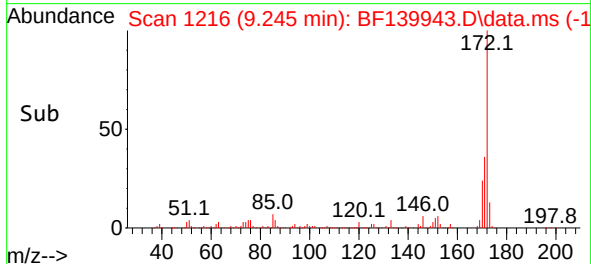
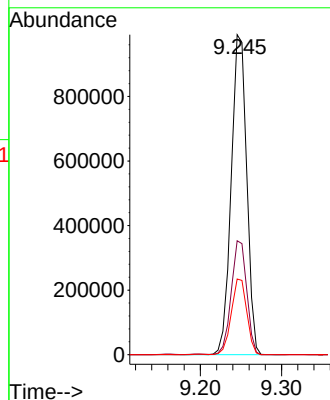
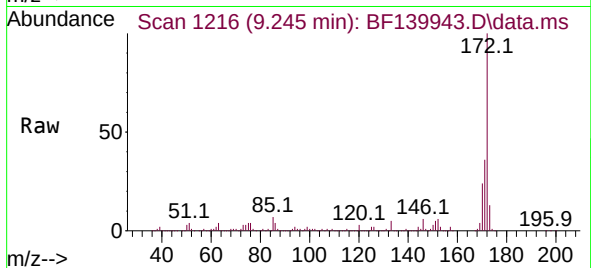
Tgt Ion:172 Resp: 1312267

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.7 19.1 28.7



#46

1,1'-Biphenyl

Concen: 54.620 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

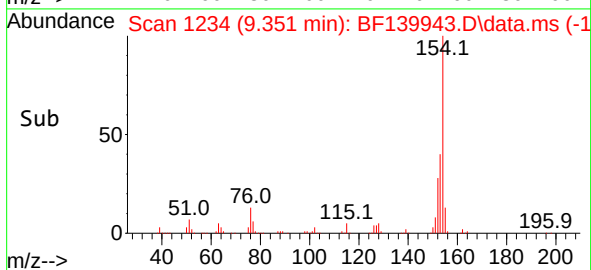
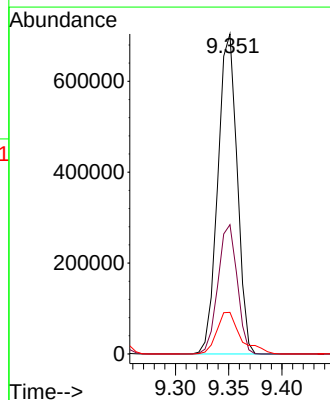
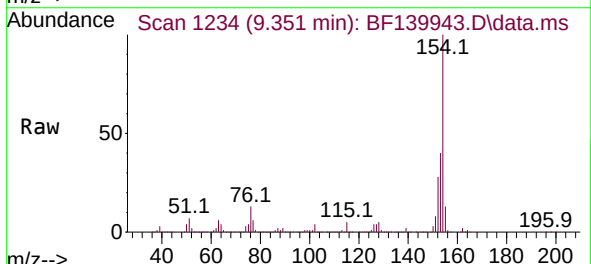
Tgt Ion:154 Resp: 885575

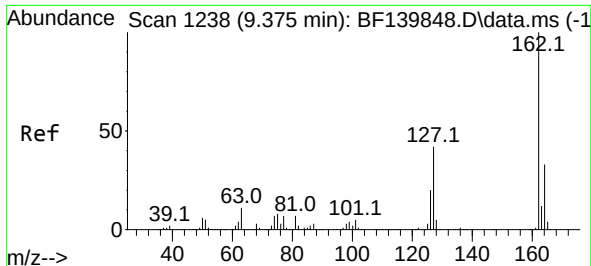
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 13.0 0.0 33.9





#47

2-Chloronaphthalene

Concen: 52.512 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF139943.D

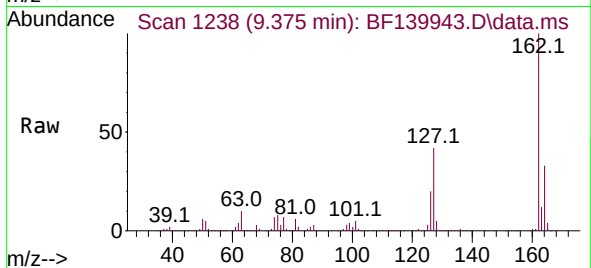
Acq: 22 Oct 2024 22:17

Instrument :

BNA_F

ClientSampleId :

72-11934MS



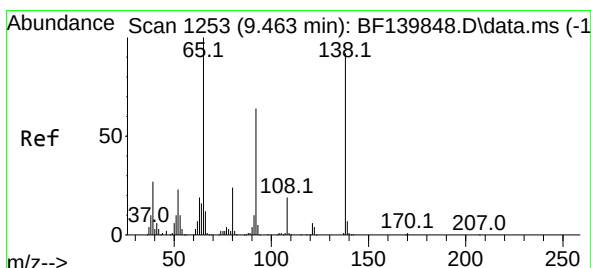
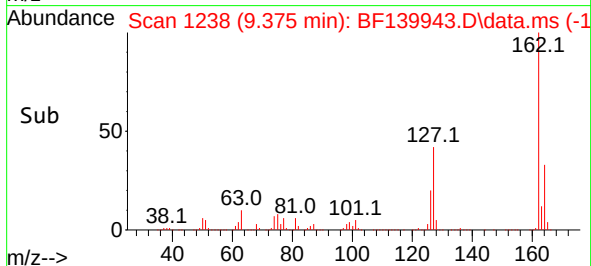
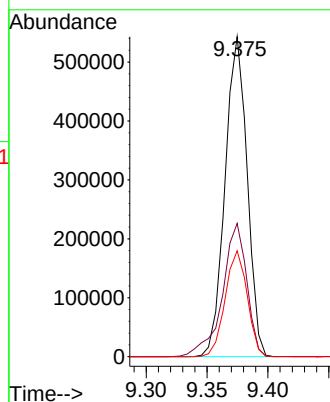
Tgt Ion:162 Resp: 685737

Ion Ratio Lower Upper

162 100

127 41.6 33.8 50.6

164 33.1 26.6 39.8



#48

2-Nitroaniline

Concen: 53.424 ng

RT: 9.463 min Scan# 1253

Delta R.T. 0.000 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

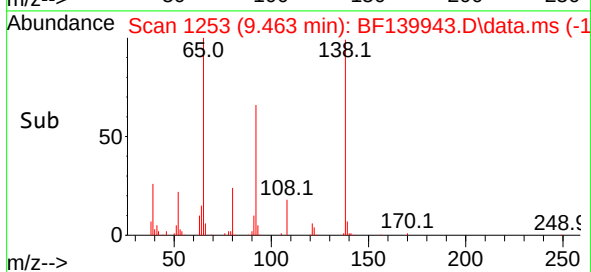
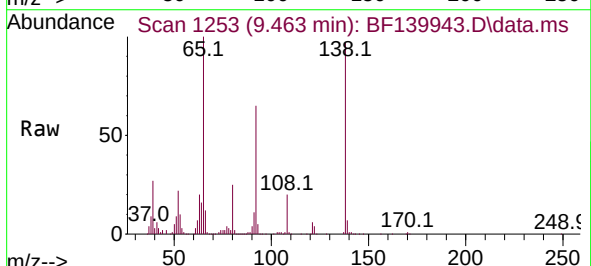
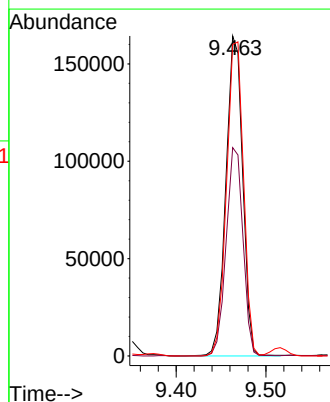
Tgt Ion: 65 Resp: 213371

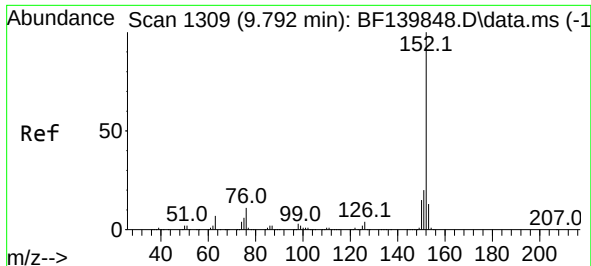
Ion Ratio Lower Upper

65 100

92 65.1 50.9 76.3

138 97.4 73.4 110.0

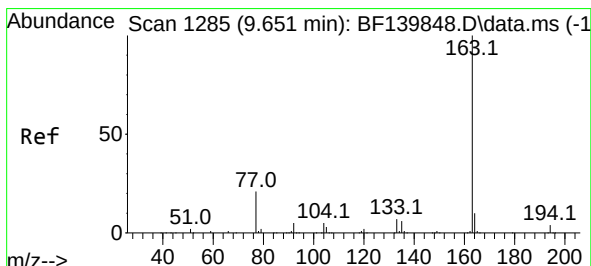
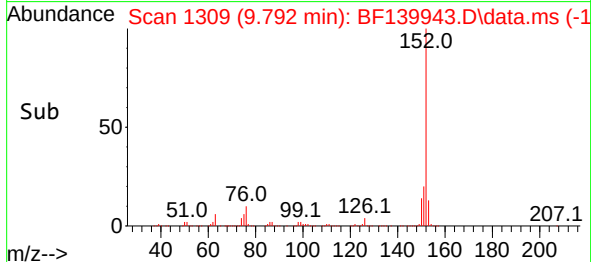
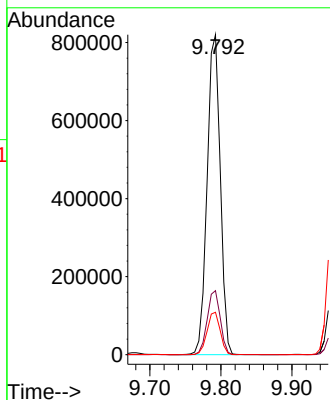
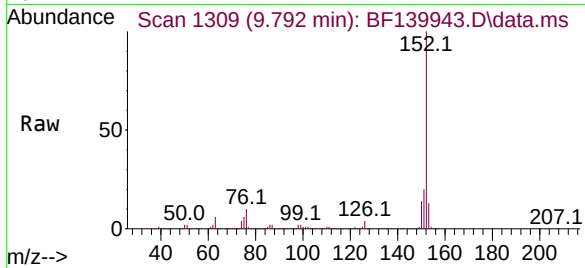




#49
Acenaphthylene
Concen: 55.896 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

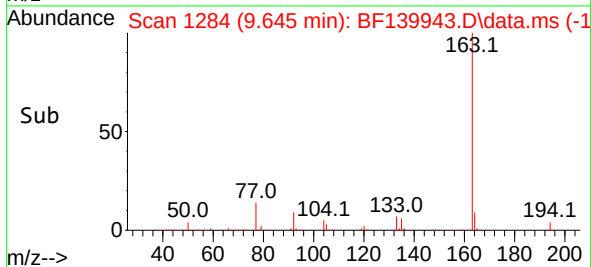
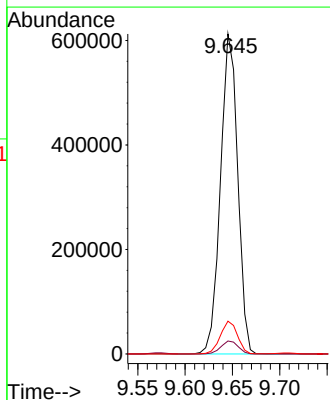
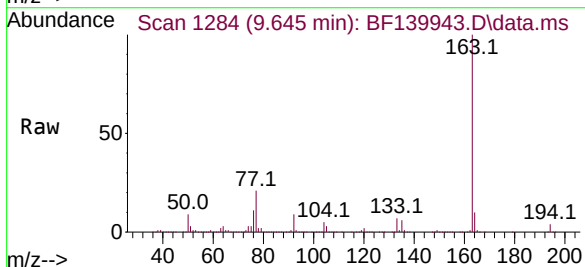
Instrument :
BNA_F
ClientSampleId :
72-11934MS

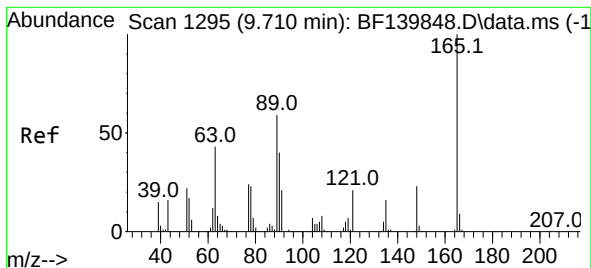
Tgt Ion:152 Resp: 1055261
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.3 10.7 16.1



#50
Dimethylphthalate
Concen: 53.504 ng
RT: 9.645 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

Tgt Ion:163 Resp: 776180
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.2 8.2 12.2

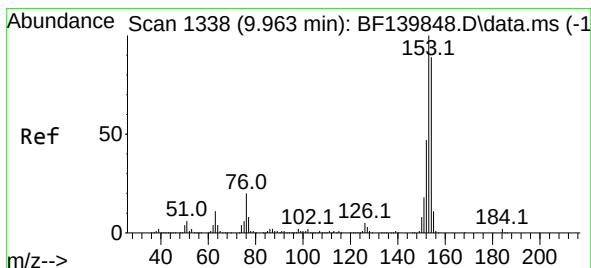
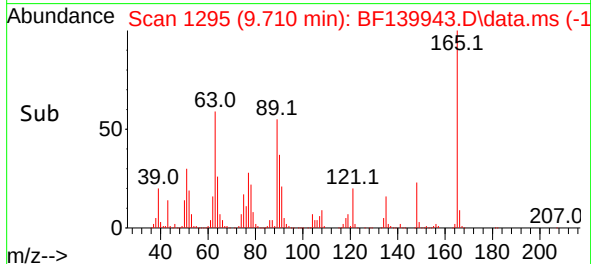
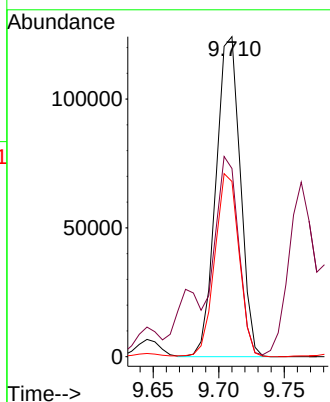
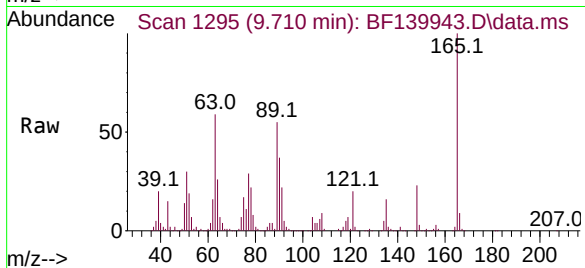




#51
2,6-Dinitrotoluene
Concen: 51.012 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

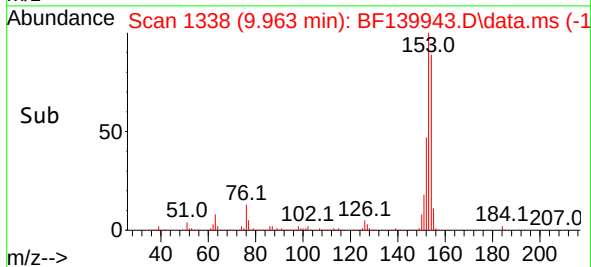
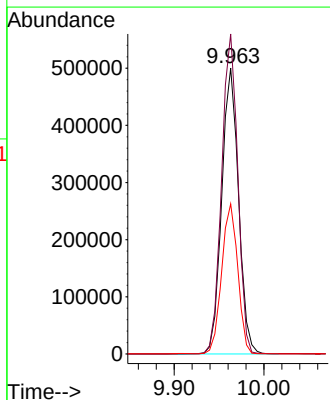
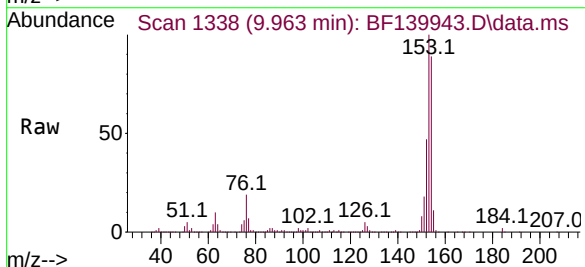
Instrument :
BNA_F
ClientSampleId :
72-11934MS

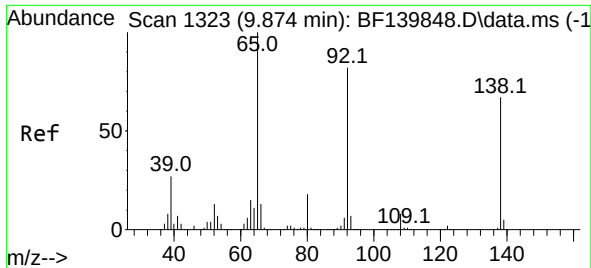
Tgt Ion:165 Resp: 160234
Ion Ratio Lower Upper
165 100
63 58.8 50.6 75.8
89 54.7 47.5 71.3



#52
Acenaphthene
Concen: 53.306 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

Tgt Ion:154 Resp: 651002
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.6
152 52.5 42.4 63.6

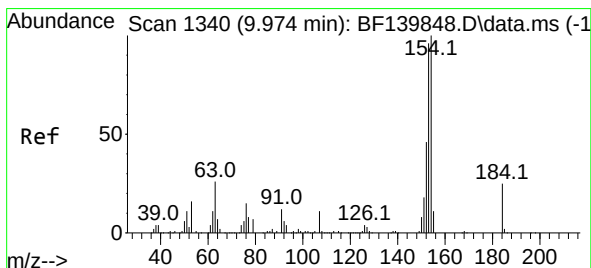
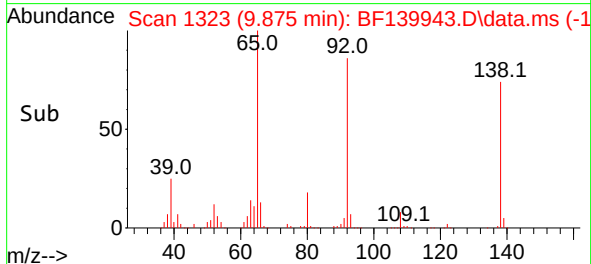
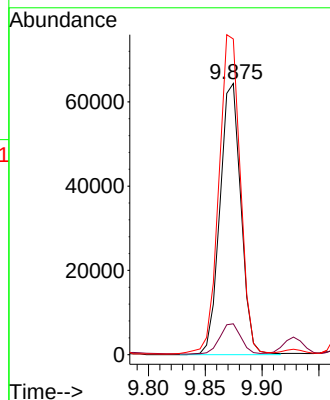
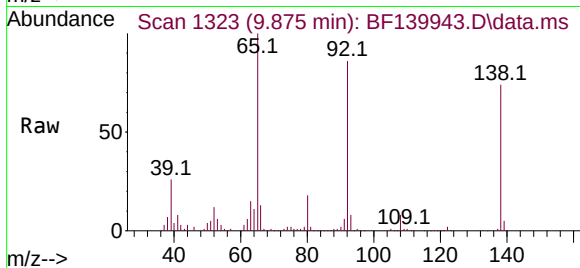




#53
3-Nitroaniline
Concen: 25.565 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

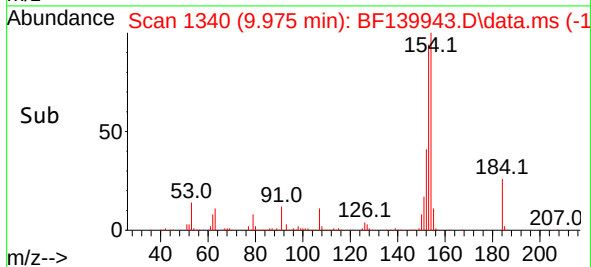
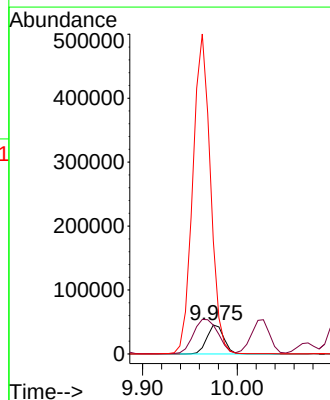
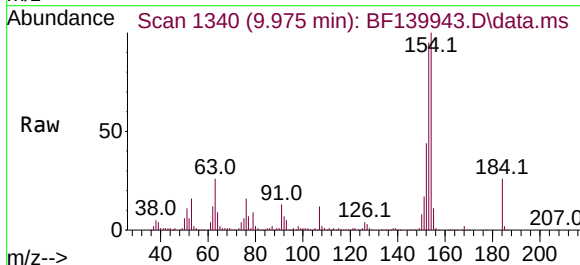
Instrument :
BNA_F
ClientSampleId :
72-11934MS

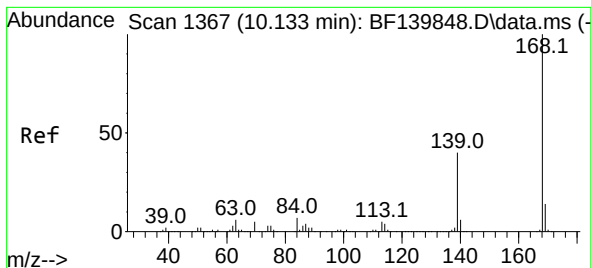
Tgt Ion:138 Resp: 82809
Ion Ratio Lower Upper
138 100
108 11.4 10.2 15.2
92 116.5 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 46.267 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.001 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

Tgt Ion:184 Resp: 56469
Ion Ratio Lower Upper
184 100
63 99.8 84.7 127.1
154 391.0 338.2 507.2





#55

Dibenzofuran

Concen: 49.634 ng

RT: 10.134 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

Instrument :

BNA_F

ClientSampleId :

72-11934MS

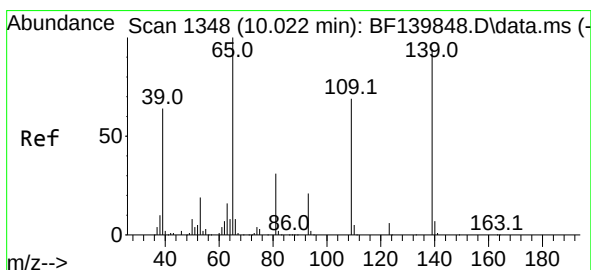
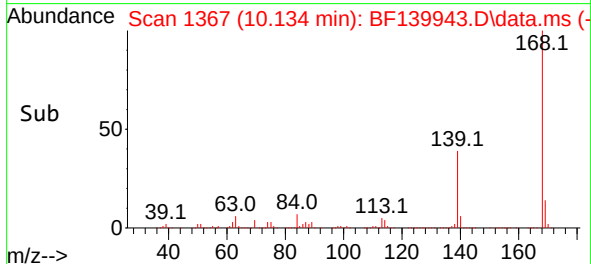
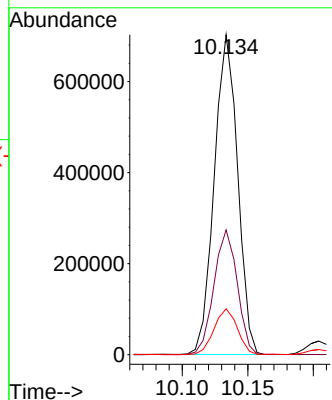
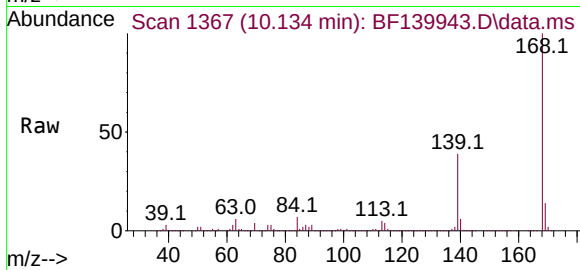
Tgt Ion:168 Resp: 869704

Ion Ratio Lower Upper

168 100

139 39.0 31.8 47.6

169 14.4 11.6 17.4



#56

4-Nitrophenol

Concen: 92.710 ng

RT: 10.028 min Scan# 1349

Delta R.T. 0.006 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

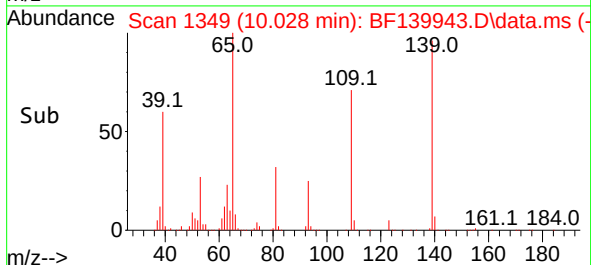
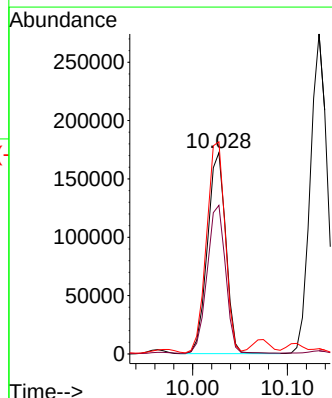
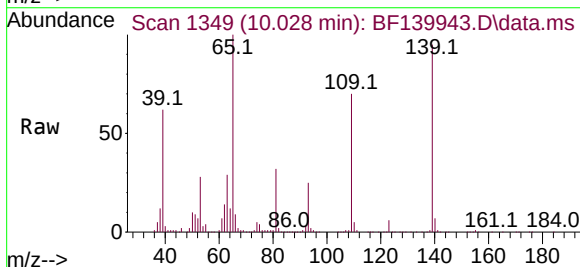
Tgt Ion:139 Resp: 231043

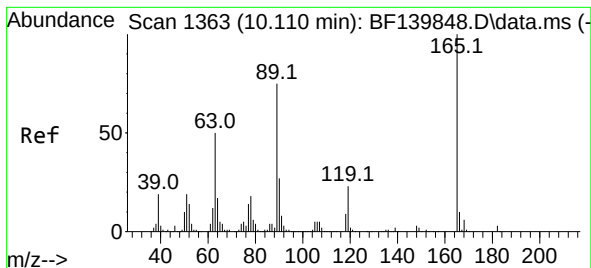
Ion Ratio Lower Upper

139 100

109 73.8 53.6 93.6

65 105.4 87.8 127.8

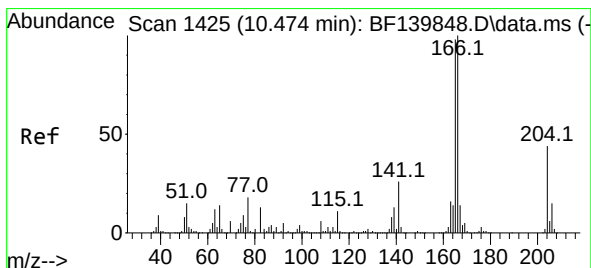
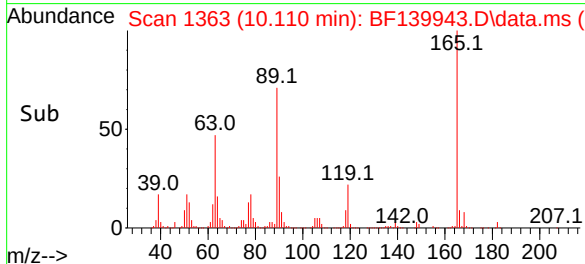
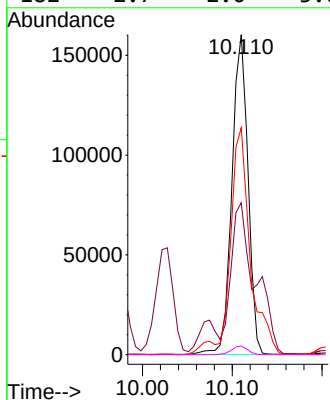
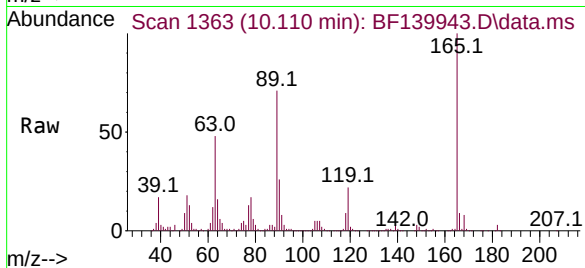




#57
2,4-Dinitrotoluene
Concen: 51.428 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

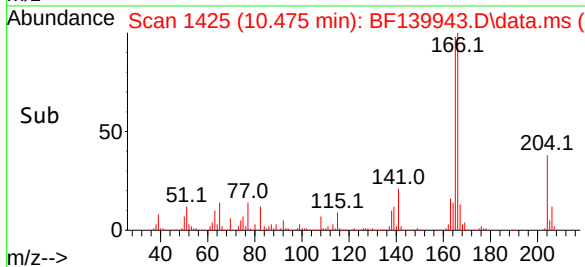
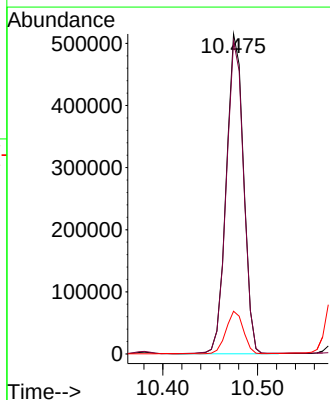
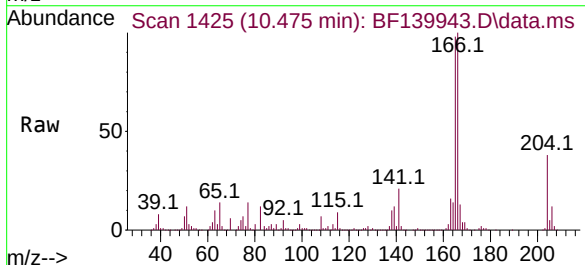
Instrument :
BNA_F
ClientSampleId :
72-11934MS

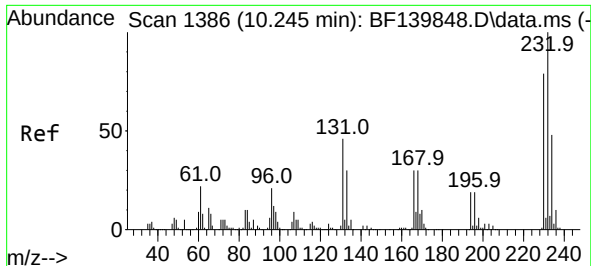
Tgt Ion:165 Resp: 198652
Ion Ratio Lower Upper
165 100
63 47.5 40.1 60.1
89 70.9 60.4 90.6
182 2.7 2.0 3.0



#58
Fluorene
Concen: 48.952 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

Tgt Ion:166 Resp: 653311
Ion Ratio Lower Upper
166 100
165 97.8 78.5 117.7
167 13.4 10.9 16.3

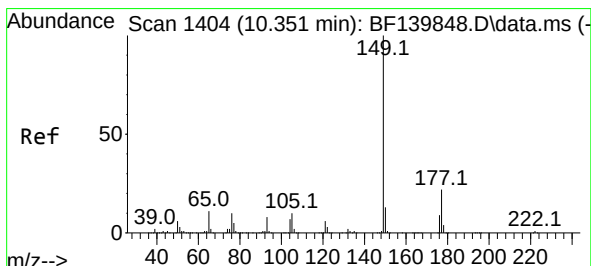
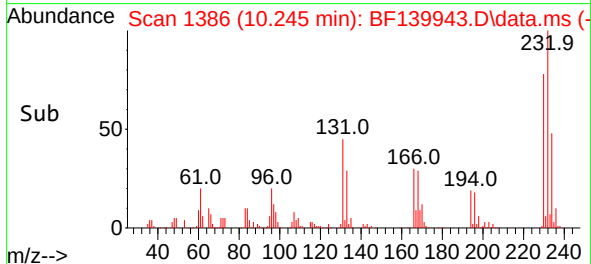
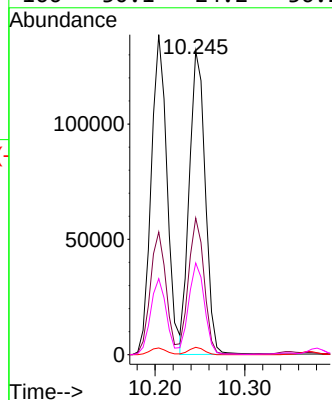
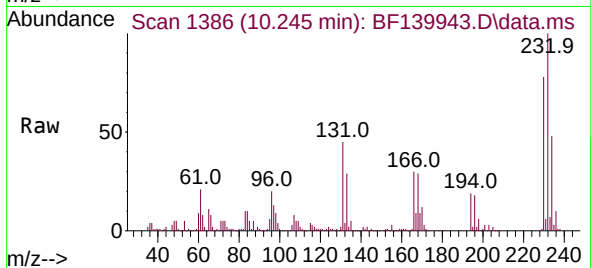




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.894 ng
RT: 10.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

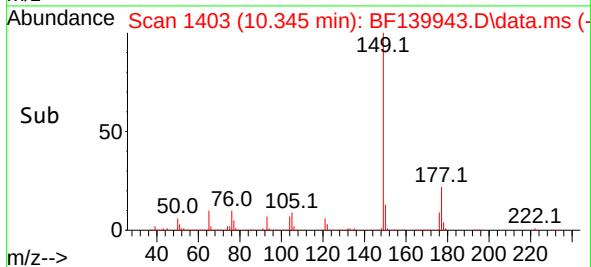
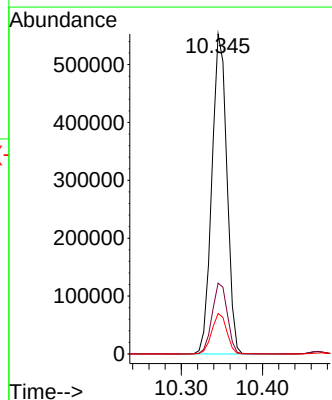
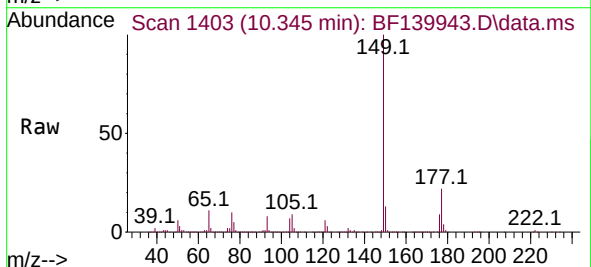
Instrument :
BNA_F
ClientSampleId :
72-11934MS

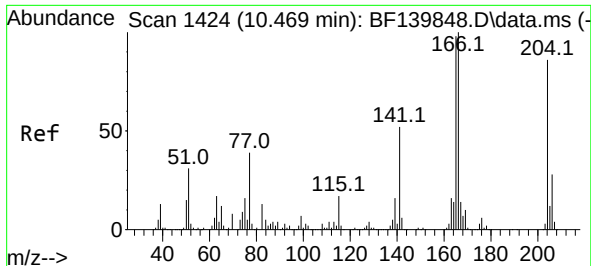
Tgt Ion:232 Resp: 161528
Ion Ratio Lower Upper
232 100
131 44.9 37.0 55.6
130 2.3 1.9 2.9
166 30.1 24.2 36.2



#60
Diethylphthalate
Concen: 49.726 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

Tgt Ion:149 Resp: 708286
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 12.6 10.1 15.1

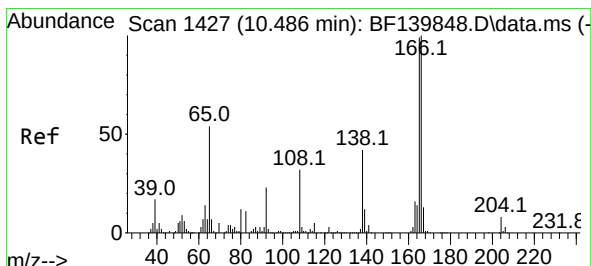
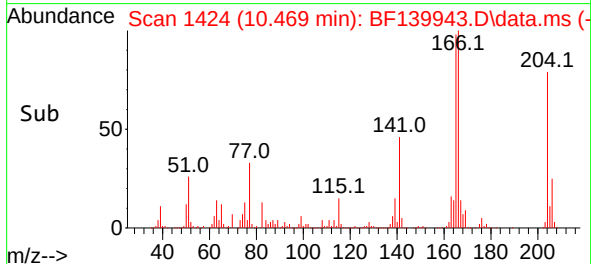
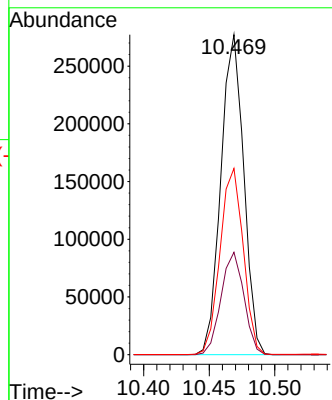
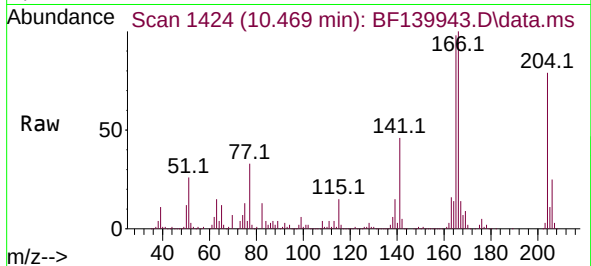




#61
4-Chlorophenyl-phenylether
Concen: 49.868 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

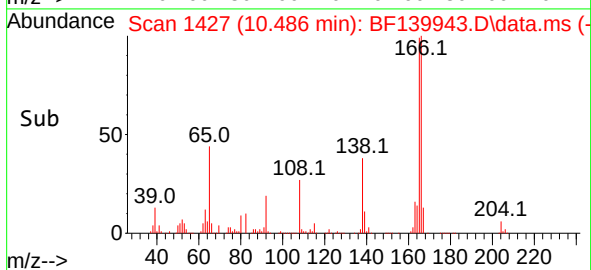
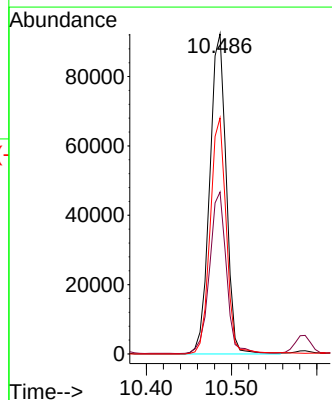
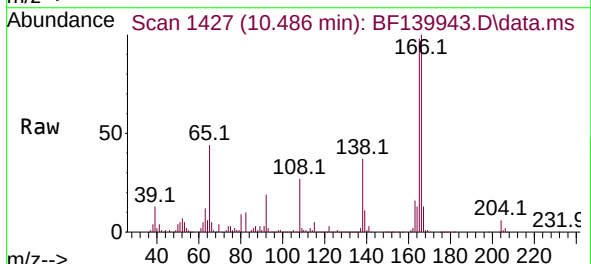
Instrument :
BNA_F
ClientSampleId :
72-11934MS

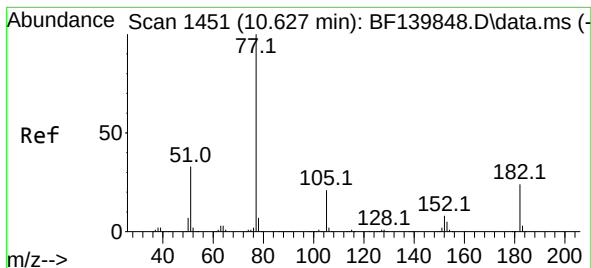
Tgt Ion:204 Resp: 336095
Ion Ratio Lower Upper
204 100
206 32.0 26.3 39.5
141 58.2 48.6 73.0



#62
4-Nitroaniline
Concen: 40.634 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

Tgt Ion:138 Resp: 124311
Ion Ratio Lower Upper
138 100
92 50.6 35.7 75.7
108 73.8 57.5 97.5





#63

Azobenzene

Concen: 48.286 ng

RT: 10.628 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

Instrument :

BNA_F

ClientSampleId :

72-11934MS

Tgt Ion: 77 Resp: 729160

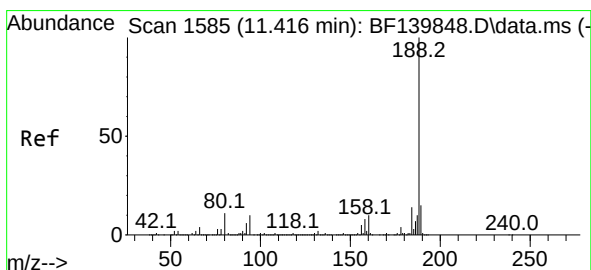
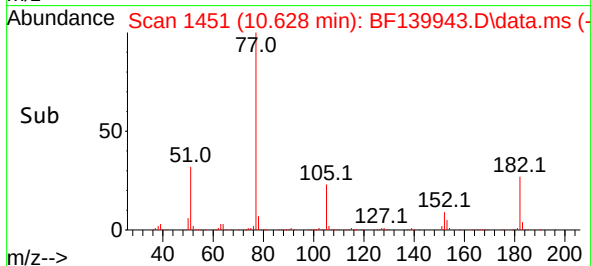
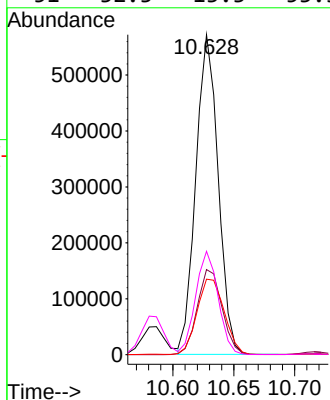
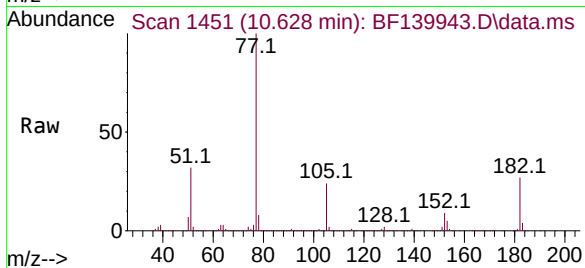
Ion Ratio Lower Upper

77 100

182 26.6 3.3 43.3

105 23.6 1.2 41.2

51 32.3 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: BF139943.D

Acq: 22 Oct 2024 22:17

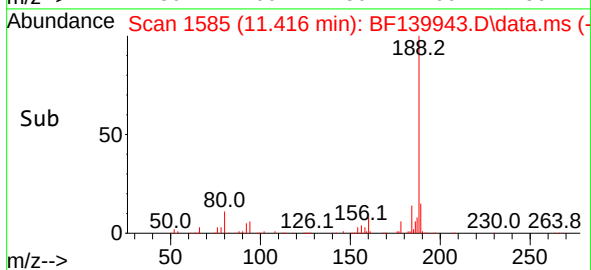
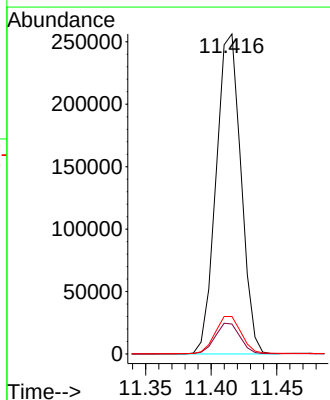
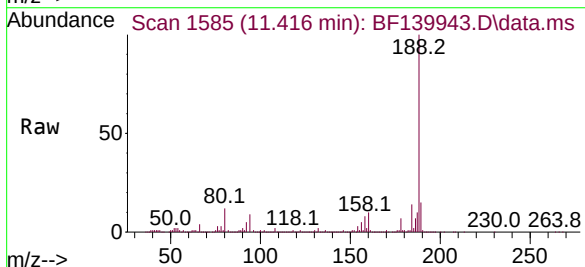
Tgt Ion: 188 Resp: 338127

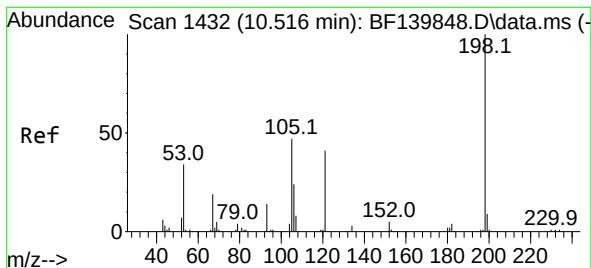
Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

80 11.7 9.0 13.4

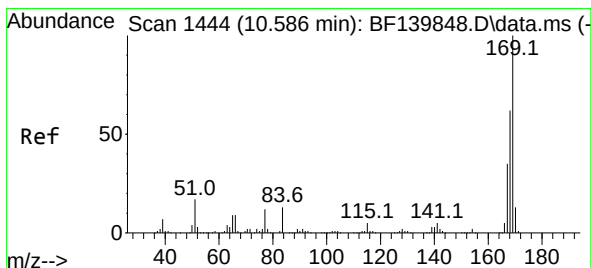
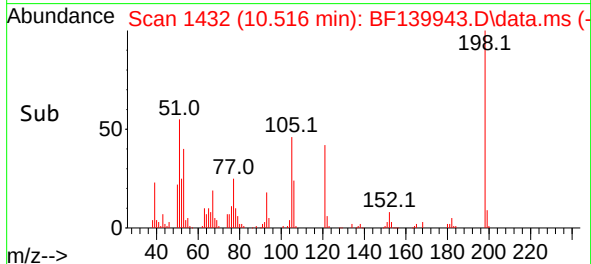
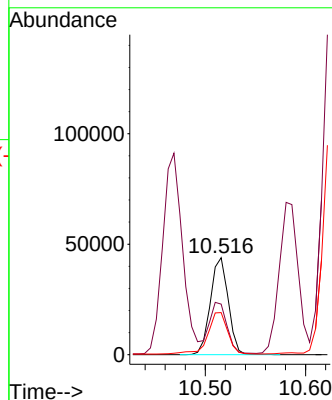
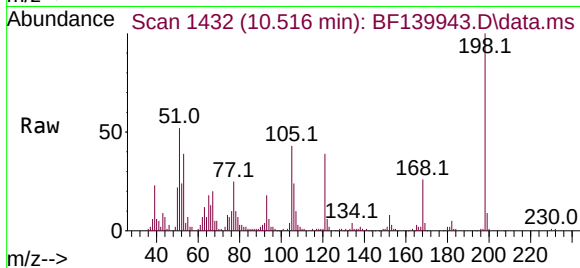




#65
4,6-Dinitro-2-methylphenol
Concen: 39.427 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

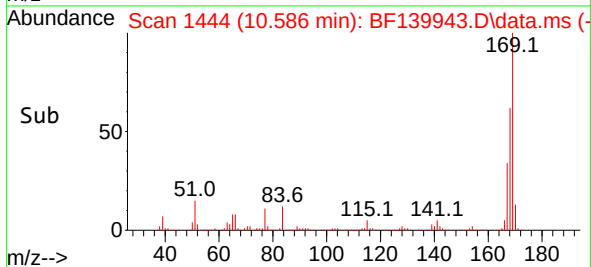
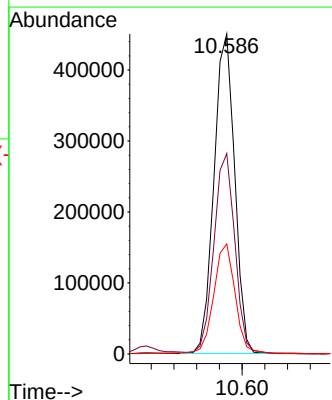
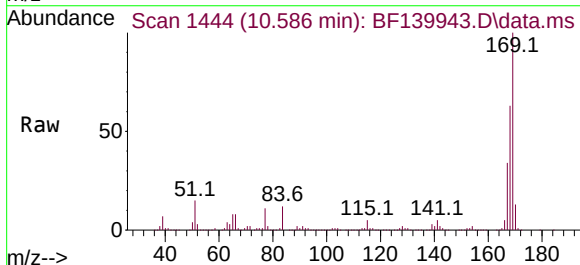
Instrument :
BNA_F
ClientSampleId :
72-11934MS

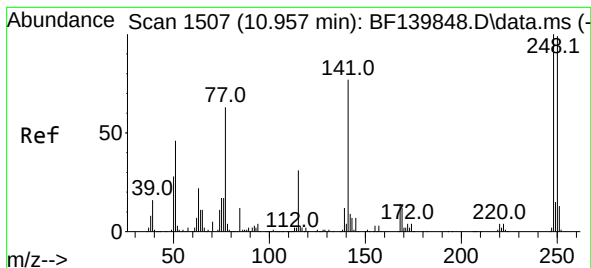
Tgt Ion:198 Resp: 54378
Ion Ratio Lower Upper
198 100
51 52.1 38.2 78.2
105 43.5 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 56.262 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

Tgt Ion:169 Resp: 569372
Ion Ratio Lower Upper
169 100
168 62.6 49.8 74.6
167 34.4 28.0 42.0

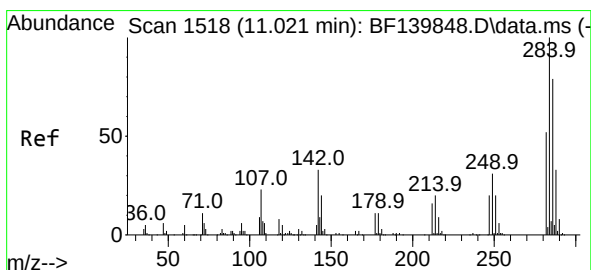
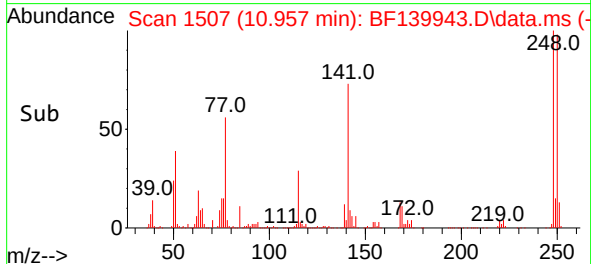
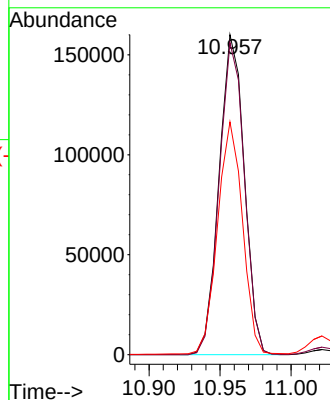
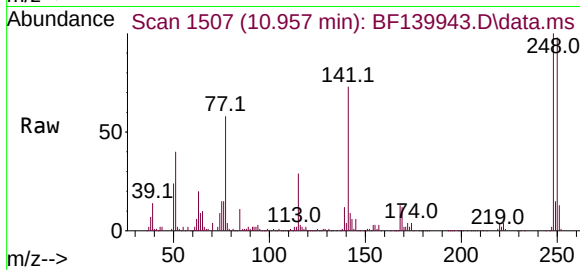




#67
4-Bromophenyl-phenylether
Concen: 56.657 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

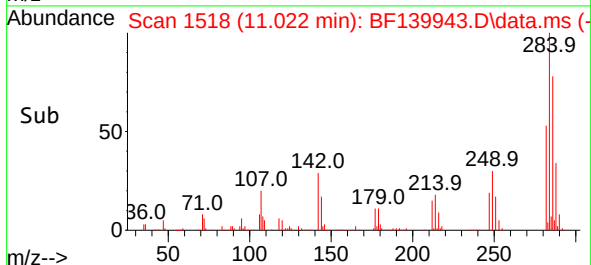
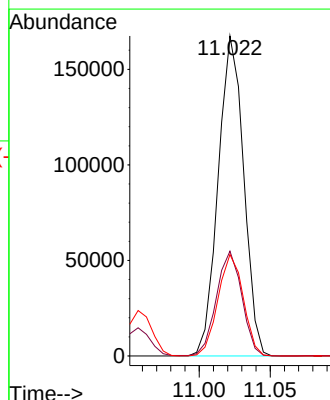
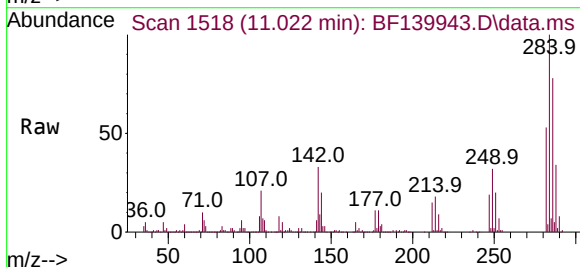
Instrument :
BNA_F
ClientSampleId :
72-11934MS

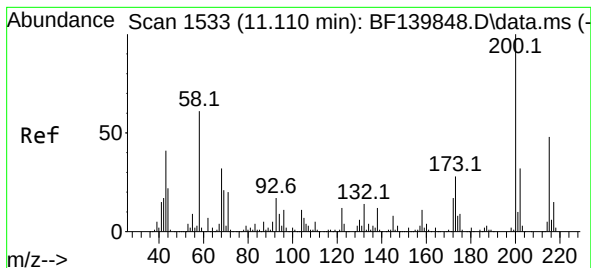
Tgt Ion:248 Resp: 197355
Ion Ratio Lower Upper
248 100
250 97.6 79.0 118.6
141 72.8 61.7 92.5



#68
Hexachlorobenzene
Concen: 53.309 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

Tgt Ion:284 Resp: 208843
Ion Ratio Lower Upper
284 100
142 32.7 26.9 40.3
249 31.7 25.3 37.9





#69

Atrazine

Concen: 64.805 ng

RT: 11.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

Instrument :

BNA_F

ClientSampleId :

72-11934MS

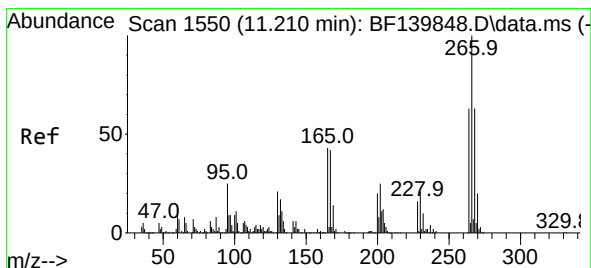
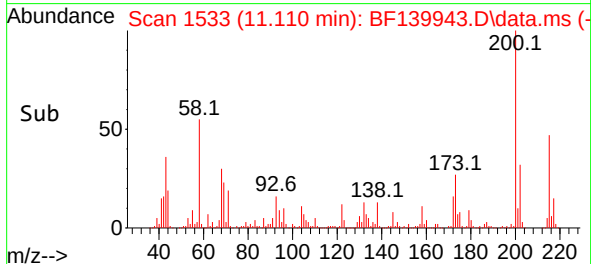
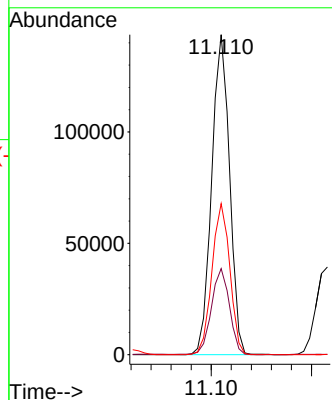
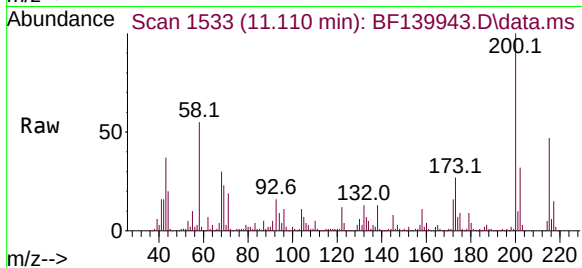
Tgt Ion:200 Resp: 177655

Ion Ratio Lower Upper

200 100

173 26.9 7.7 47.7

215 47.2 27.7 67.7



#70

Pentachlorophenol

Concen: 119.164 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

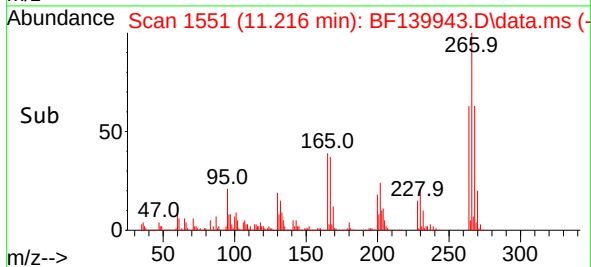
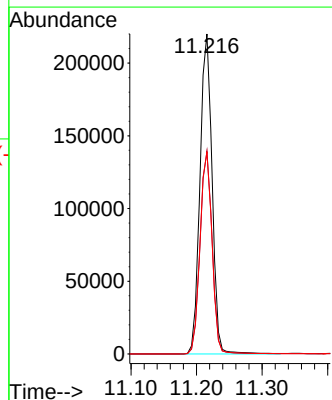
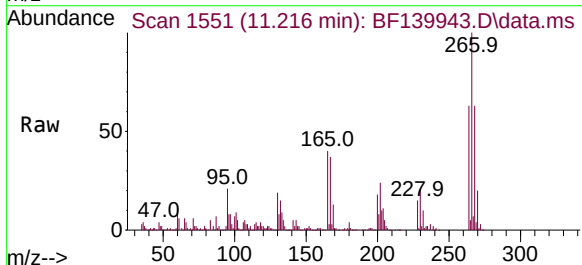
Tgt Ion:266 Resp: 283327

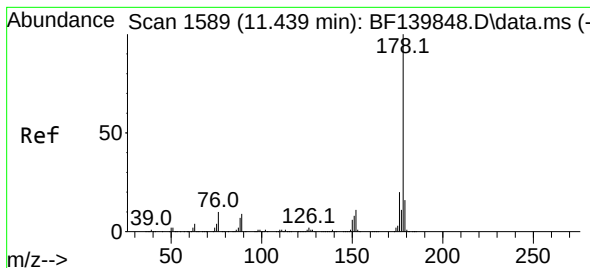
Ion Ratio Lower Upper

266 100

268 63.3 50.4 75.6

264 63.1 50.6 75.8

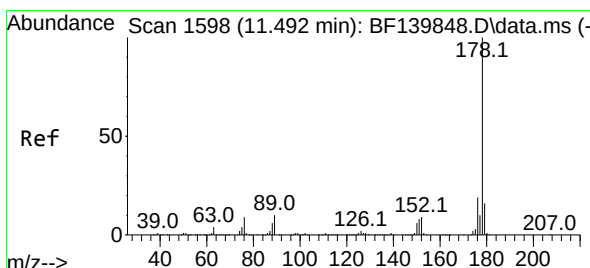
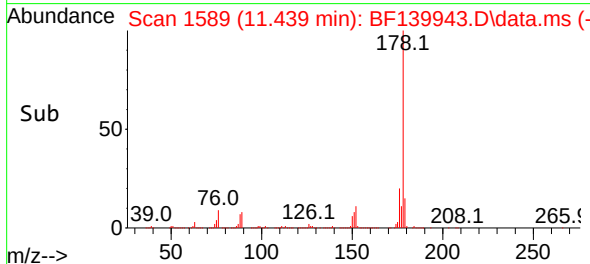
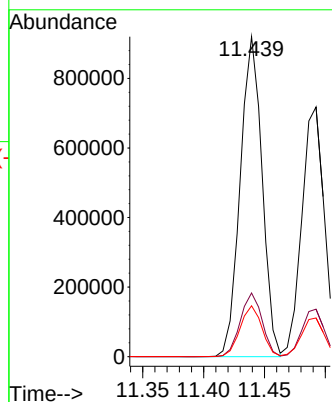
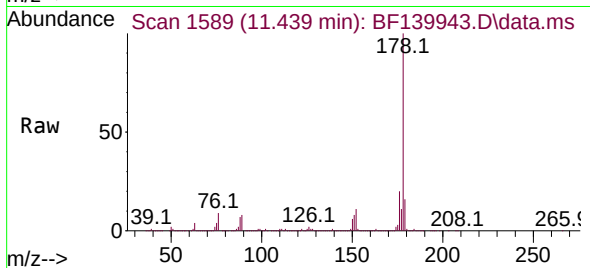




#71
Phenanthrene
Concen: 71.991 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

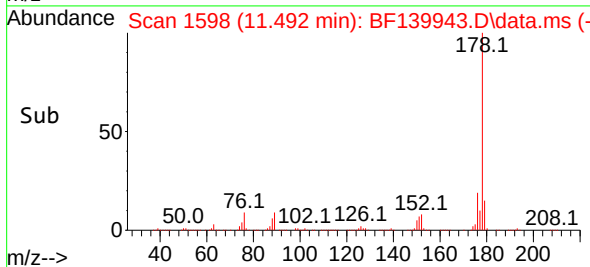
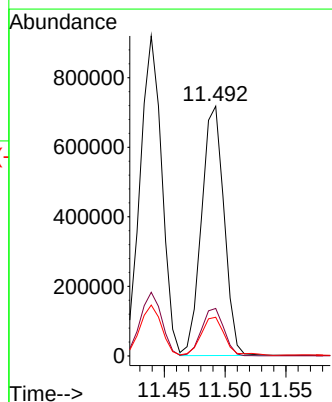
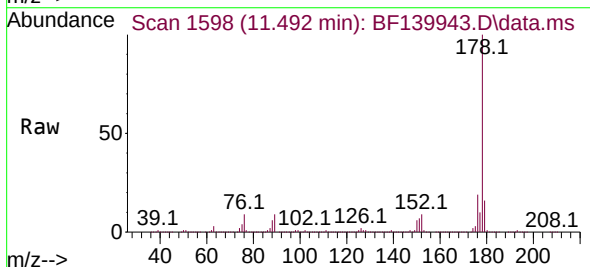
Instrument :
BNA_F
ClientSampleId :
72-11934MS

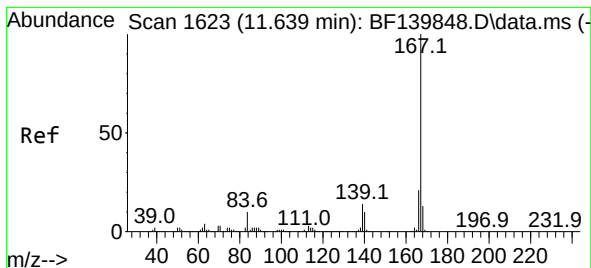
Tgt Ion:178 Resp: 1149825
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 15.9 12.6 18.8



#72
Anthracene
Concen: 59.084 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

Tgt Ion:178 Resp: 920723
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.5 12.4 18.6





#73

Carbazole

Concen: 54.833 ng

RT: 11.639 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

Instrument :

BNA_F

ClientSampleId :

72-11934MS

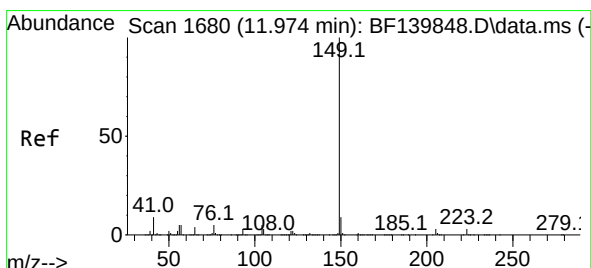
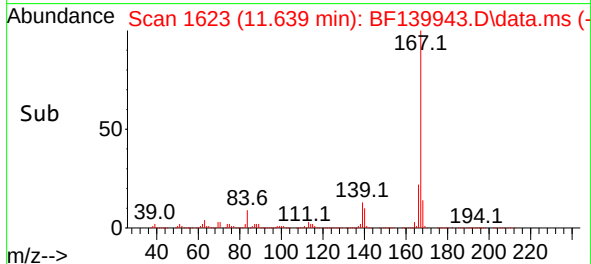
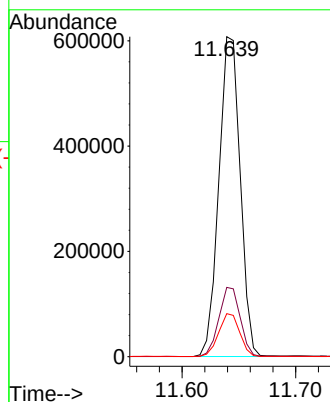
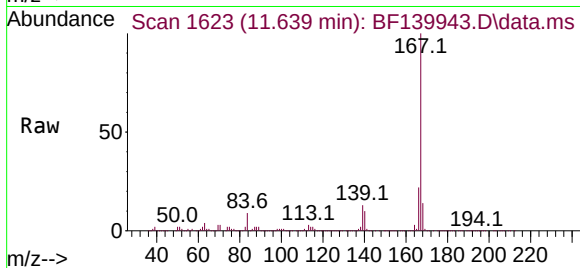
Tgt Ion:167 Resp: 794689

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.6

139 13.5 10.8 16.2



#74

Di-n-butylphthalate

Concen: 57.971 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

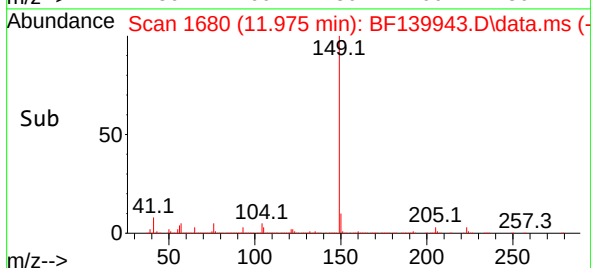
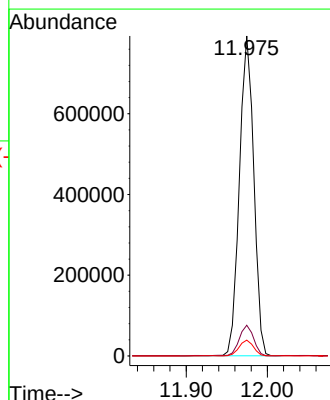
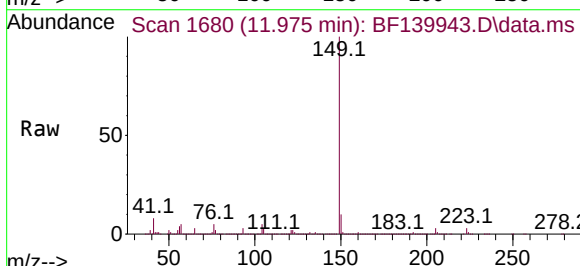
Tgt Ion:149 Resp: 970667

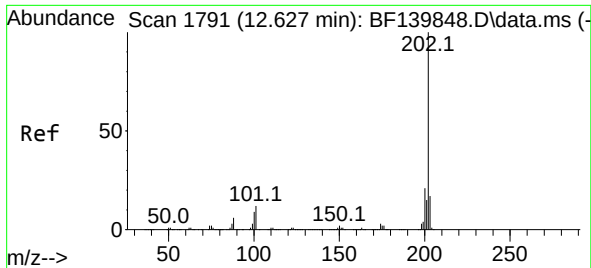
Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

104 5.0 4.1 6.1

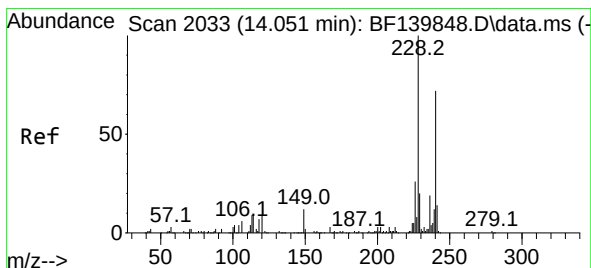
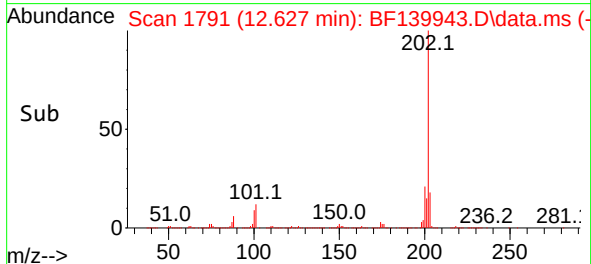
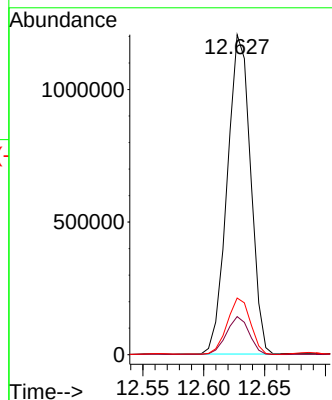
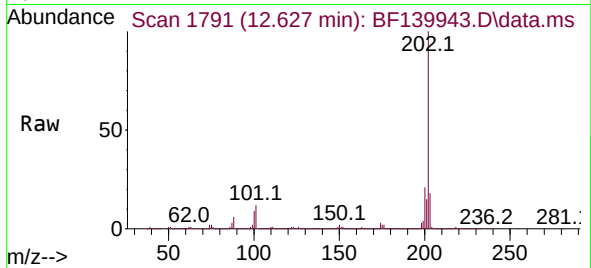




#75
Fluoranthene
Concen: 99.469 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

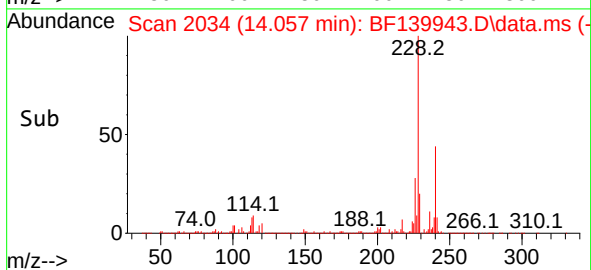
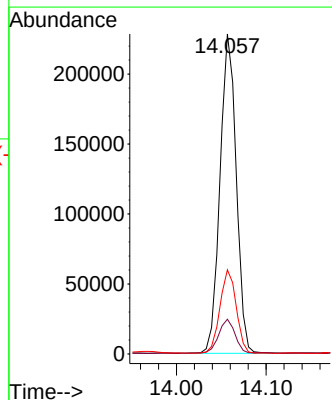
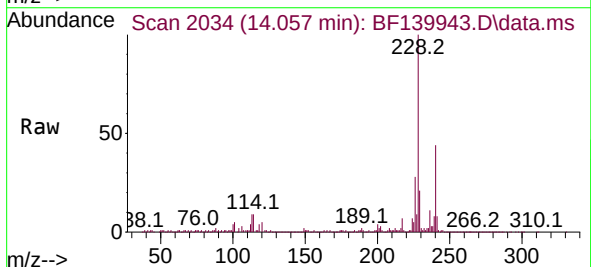
Instrument :
BNA_F
ClientSampleId :
72-11934MS

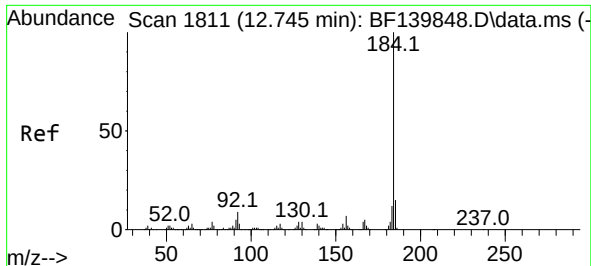
Tgt Ion:202 Resp: 1606045
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.9
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

Tgt Ion:240 Resp: 286551
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 26.3 20.9 31.3

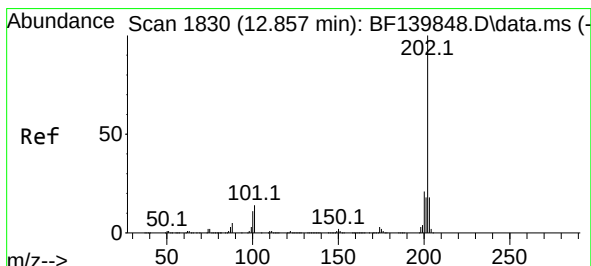
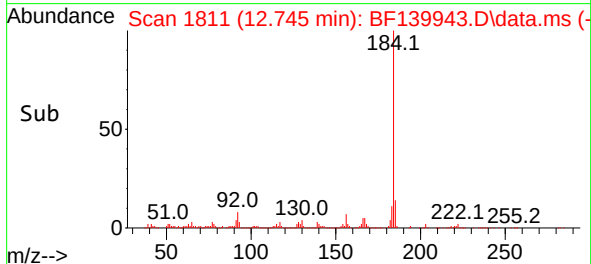
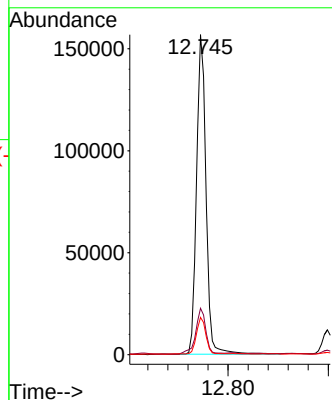
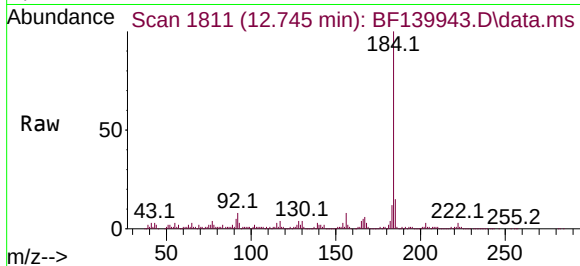




#77
Benzidine
Concen: 43.666 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

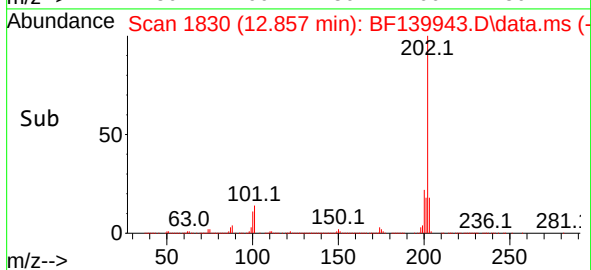
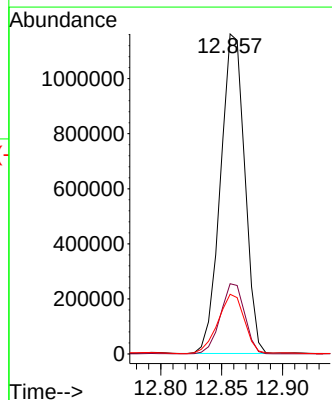
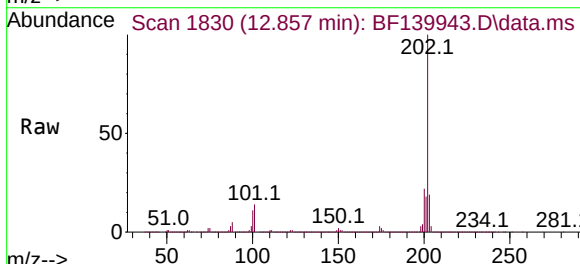
Instrument :
BNA_F
ClientSampleId :
72-11934MS

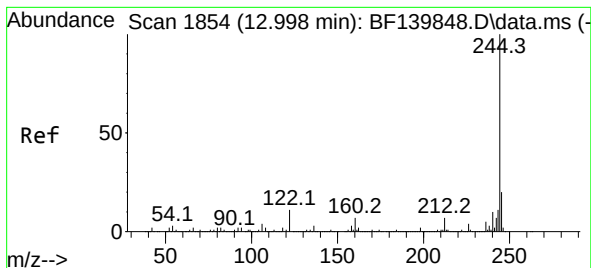
Tgt Ion:184 Resp: 205749
Ion Ratio Lower Upper
184 100
185 14.5 12.0 18.0
183 11.7 9.4 14.2



#78
Pyrene
Concen: 64.260 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

Tgt Ion:202 Resp: 1611807
Ion Ratio Lower Upper
202 100
200 22.0 17.2 25.8
203 18.7 14.2 21.4





#79

Terphenyl-d14

Concen: 67.473 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

Instrument :

BNA_F

ClientSampleId :

72-11934MS

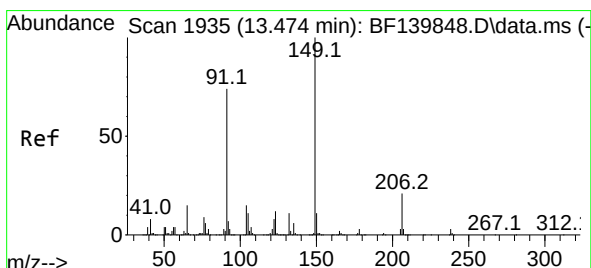
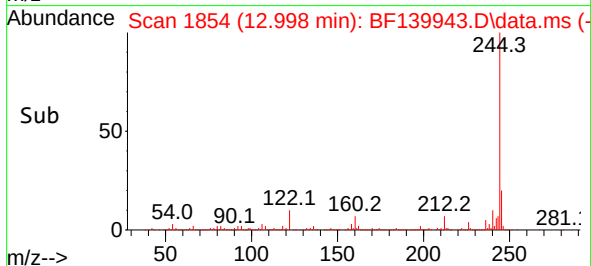
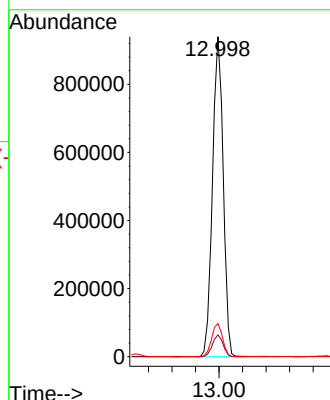
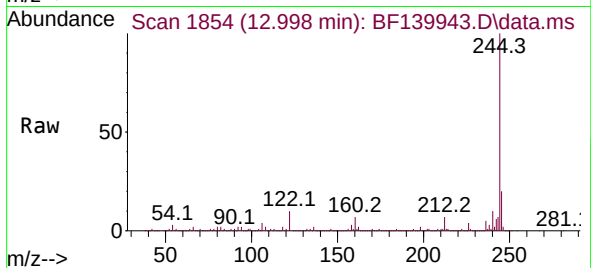
Tgt Ion:244 Resp: 1186543

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 10.4 8.6 13.0



#80

Butylbenzylphthalate

Concen: 57.942 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

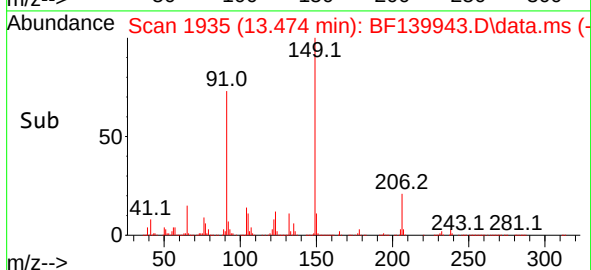
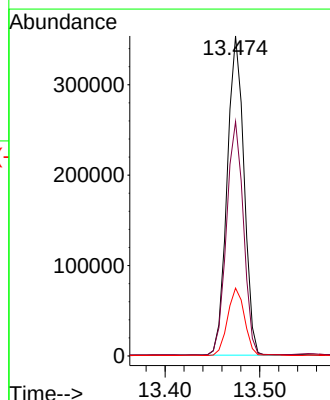
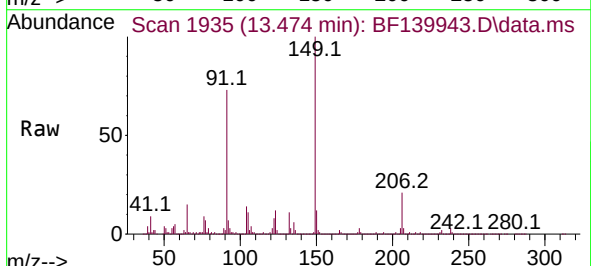
Tgt Ion:149 Resp: 435719

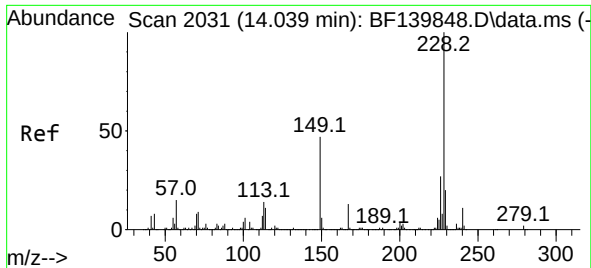
Ion Ratio Lower Upper

149 100

91 73.2 59.4 89.2

206 21.2 16.4 24.6





#81

Benzo(a)anthracene

Concen: 71.879 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

Instrument :

BNA_F

ClientSampleId :

72-11934MS

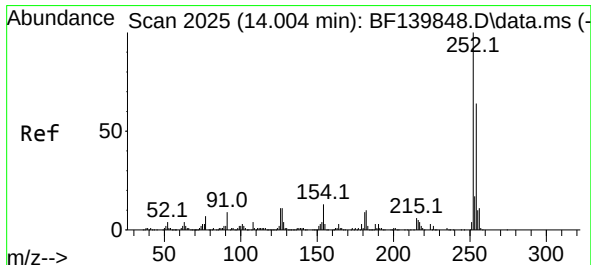
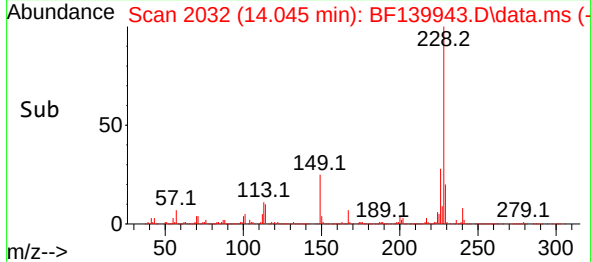
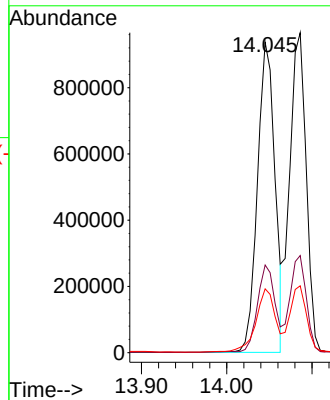
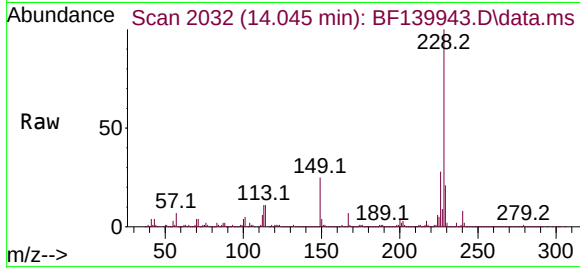
Tgt Ion:228 Resp: 1340801

Ion Ratio Lower Upper

228 100

226 28.3 21.6 32.4

229 20.6 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 27.902 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

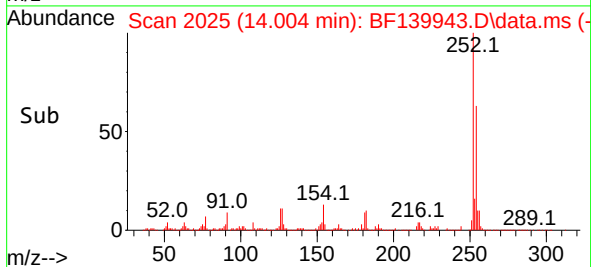
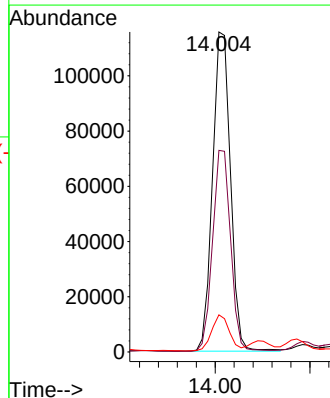
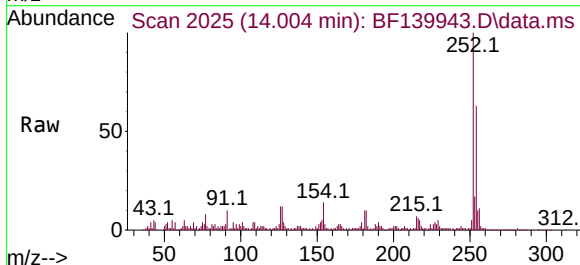
Tgt Ion:252 Resp: 151754

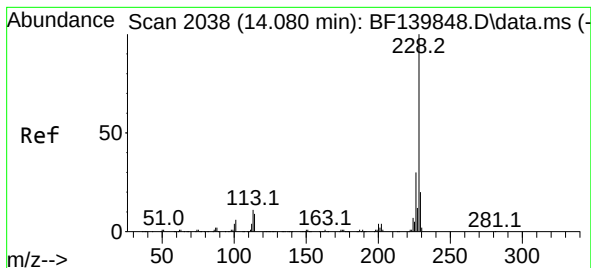
Ion Ratio Lower Upper

252 100

254 63.0 50.8 76.2

126 11.6 8.9 13.3





#83

Chrysene

Concen: 75.625 ng

RT: 14.086 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

Instrument :

BNA_F

ClientSampleId :

72-11934MS

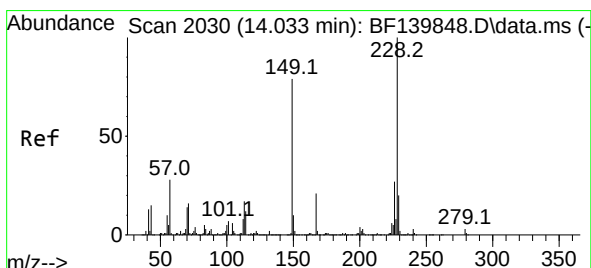
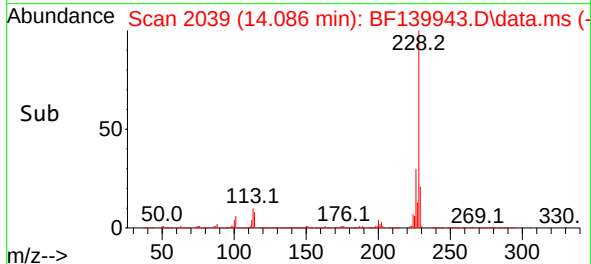
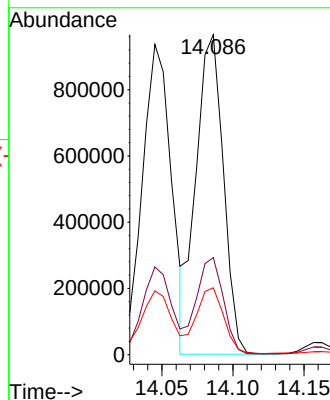
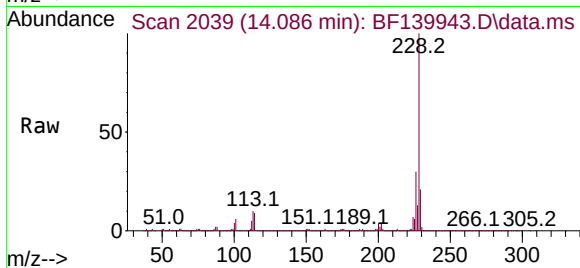
Tgt Ion:228 Resp: 1293412

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

229 20.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 77.632 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

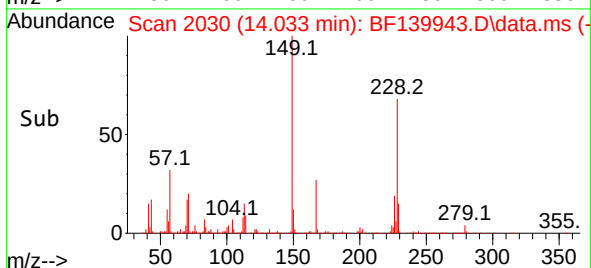
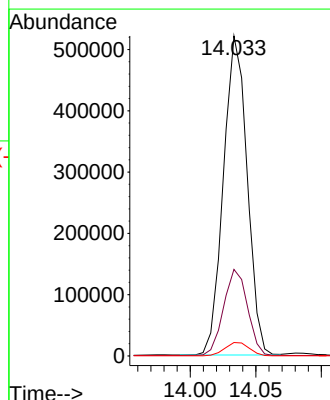
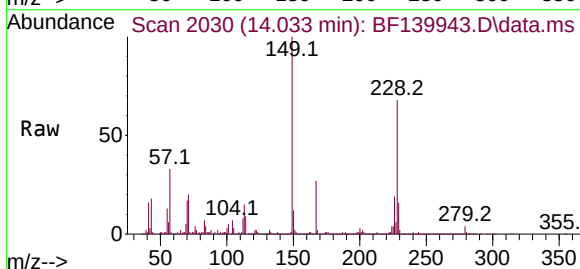
Tgt Ion:149 Resp: 654971

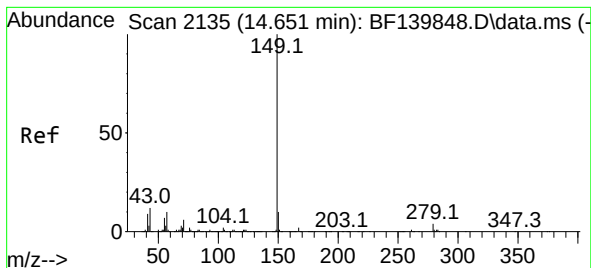
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.2 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 77.378 ng

RT: 14.651 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

Instrument :

BNA_F

ClientSampleId :

72-11934MS

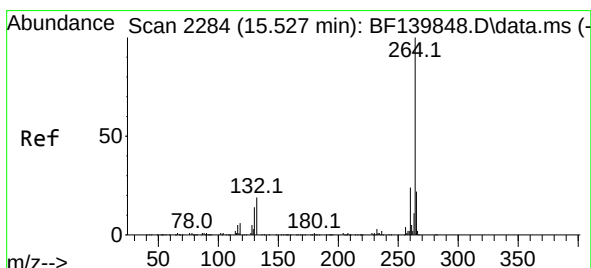
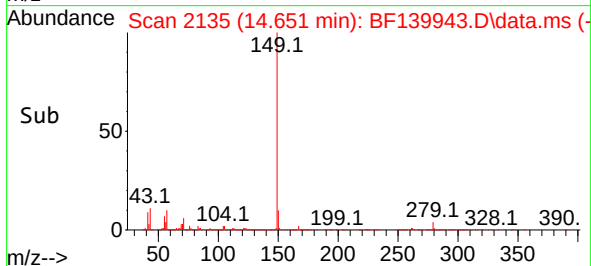
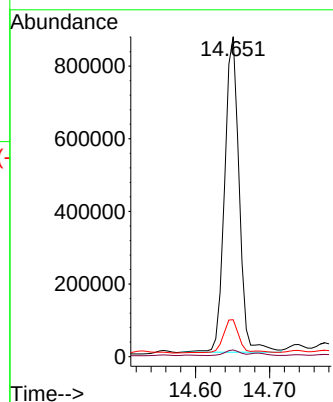
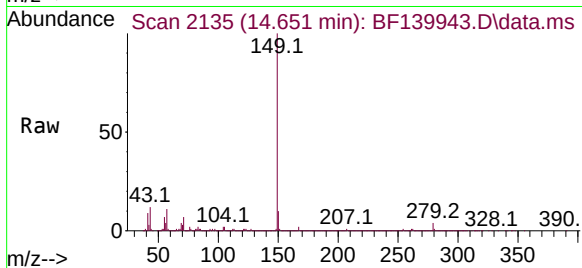
Tgt Ion:149 Resp: 1187418

Ion Ratio Lower Upper

149 100

167 2.0 1.2 1.8#

43 12.3 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: BF139943.D

Acq: 22 Oct 2024 22:17

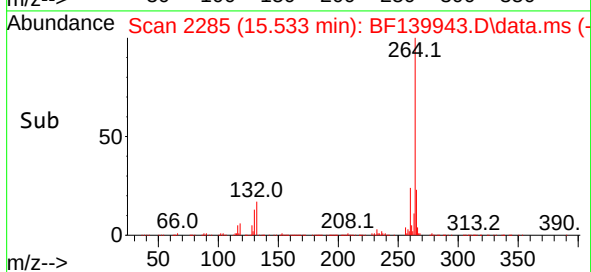
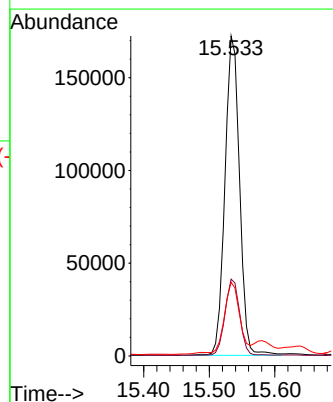
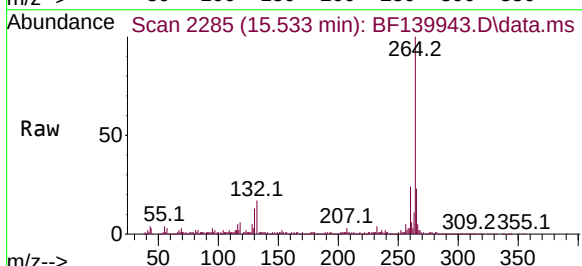
Tgt Ion:264 Resp: 265643

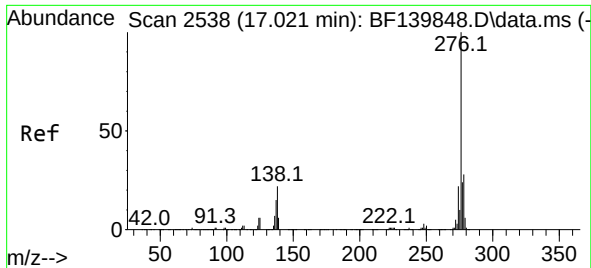
Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 23.0 17.4 26.0

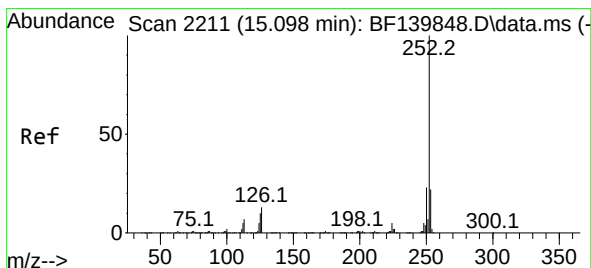
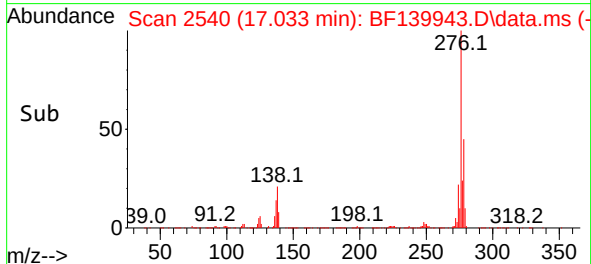
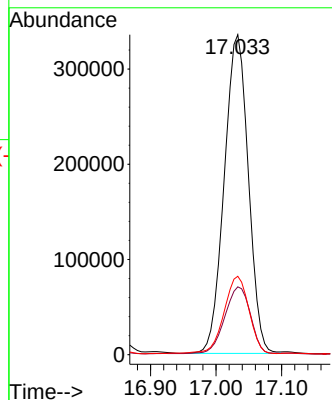
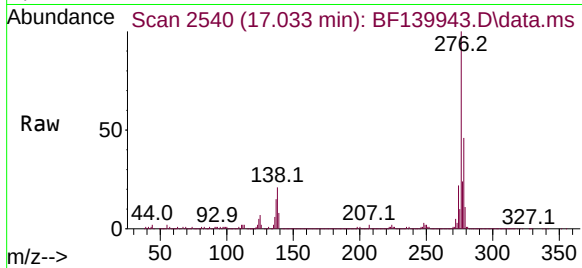




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.981 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

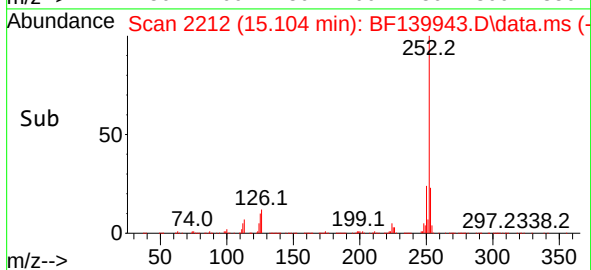
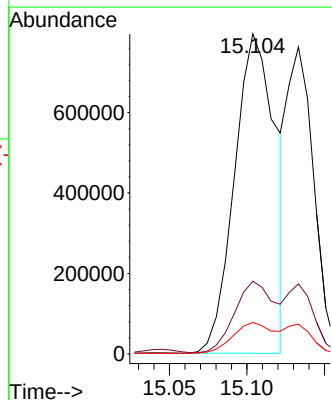
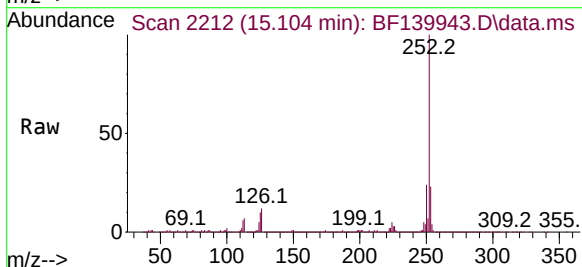
Instrument :
BNA_F
ClientSampleId :
72-11934MS

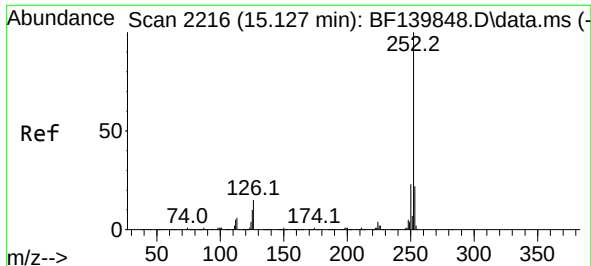
Tgt Ion:276 Resp: 854148
Ion Ratio Lower Upper
276 100
138 23.0 20.4 30.6
277 25.5 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 89.865 ng
RT: 15.104 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

Tgt Ion:252 Resp: 1454184
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 9.9 7.9 11.9

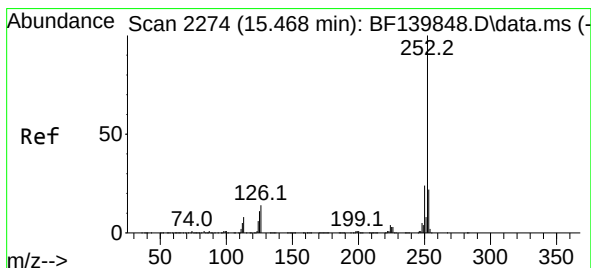
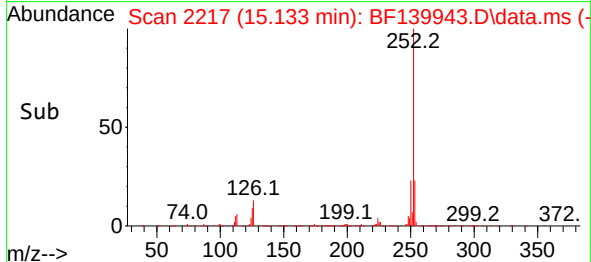
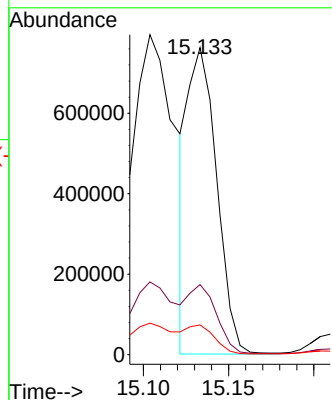
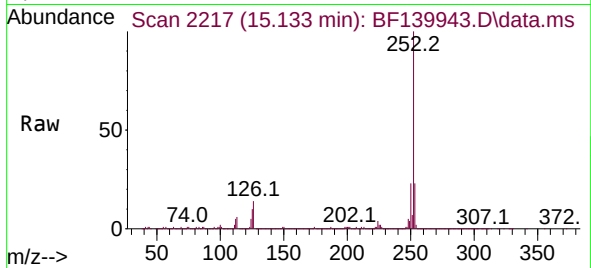




#89
Benzo(k)fluoranthene
Concen: 64.620 ng
RT: 15.133 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

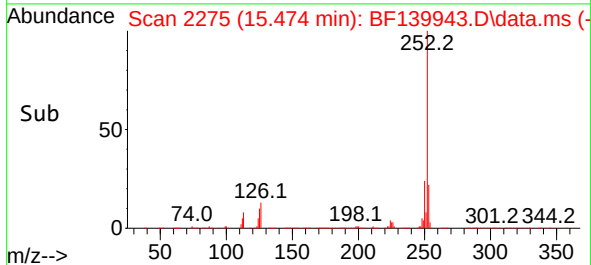
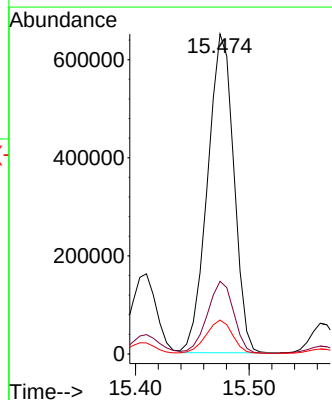
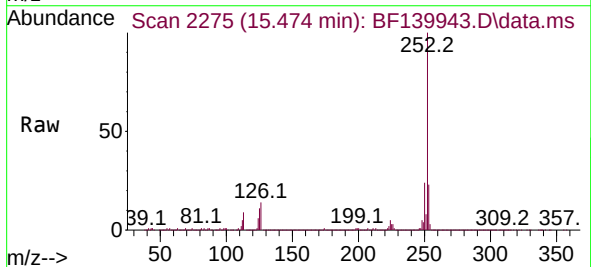
Instrument :
BNA_F
ClientSampleId :
72-11934MS

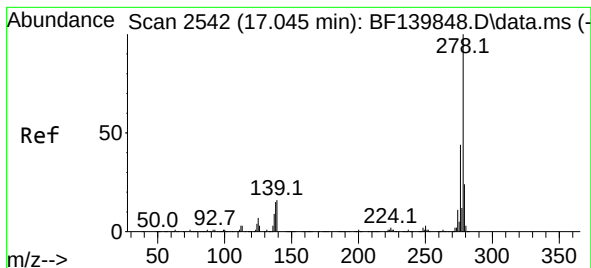
Tgt Ion:252 Resp: 901808
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 9.7 7.9 11.9



#90
Benzo(a)pyrene
Concen: 78.425 ng
RT: 15.474 min Scan# 2275
Delta R.T. 0.006 min
Lab File: BF139943.D
Acq: 22 Oct 2024 22:17

Tgt Ion:252 Resp: 1044220
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 10.6 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 41.531 ng

RT: 17.051 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

Instrument :

BNA_F

ClientSampleId :

72-11934MS

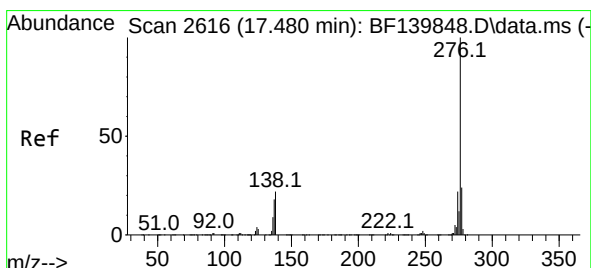
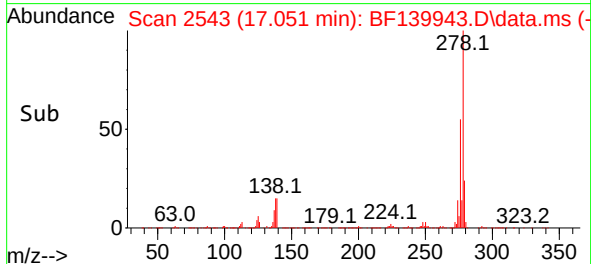
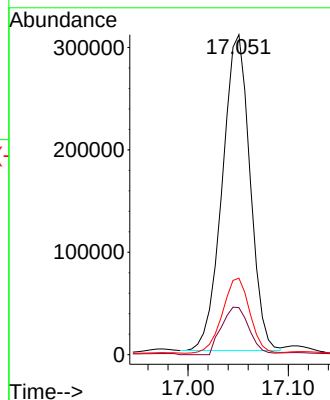
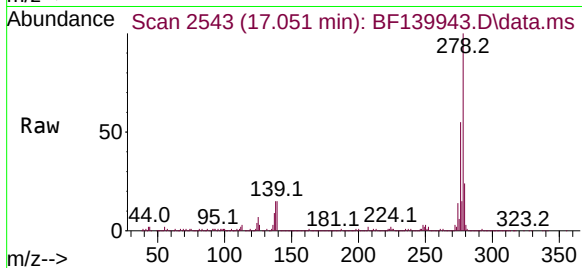
Tgt Ion:278 Resp: 592079

Ion Ratio Lower Upper

278 100

139 14.7 13.1 19.7

279 23.9 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 47.326 ng

RT: 17.486 min Scan# 2617

Delta R.T. 0.006 min

Lab File: BF139943.D

Acq: 22 Oct 2024 22:17

Tgt Ion:276 Resp: 673940

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.6

138 20.1 17.4 26.0

