

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
 Data File : BF139597.D
 Acq On : 02 Oct 2024 10:42
 Operator : RC/JU
 Sample : PB163784BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163784BS

Quant Time: Oct 02 21:02:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	119575	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	460286	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	270657	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	518410	20.000	ng	0.00
76) Chrysene-d12	14.033	240	293993	20.000	ng	0.00
86) Perylene-d12	15.504	264	254647	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	803609	116.484	ng	0.01
7) Phenol-d6	6.504	99	1068371	115.157	ng	0.00
23) Nitrobenzene-d5	7.434	82	711005	78.209	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	306811	117.428	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1327049	75.271	ng	0.00
79) Terphenyl-d14	12.980	244	1492425	83.295	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	108367	36.332	ng	99
3) Pyridine	3.481	79	287400	39.619	ng	99
4) n-Nitrosodimethylamine	3.446	42	197377	41.568	ng	99
6) Aniline	6.534	93	352988	42.877	ng	96
8) 2-Chlorophenol	6.651	128	321355	43.477	ng	99
9) Benzaldehyde	6.416	77	56167	11.429	ng	99
10) Phenol	6.516	94	419263	42.978	ng	92
11) bis(2-Chloroethyl)ether	6.604	93	321243	40.444	ng	98
12) 1,3-Dichlorobenzene	6.810	146	329179	39.589	ng	99
13) 1,4-Dichlorobenzene	6.887	146	335669	39.859	ng	99
14) 1,2-Dichlorobenzene	7.034	146	318523	40.356	ng	99
15) Benzyl Alcohol	7.010	79	308467	43.516	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	585312	42.566	ng	94
17) 2-Methylphenol	7.122	107	262408	42.526	ng	99
18) Hexachloroethane	7.375	117	126272	40.199	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	247561	41.505	ng	100
20) 3+4-Methylphenols	7.275	107	328749	42.417	ng	95
22) Acetophenone	7.281	105	444609	40.694	ng	99
24) Nitrobenzene	7.451	77	373734	39.700	ng	99
25) Isophorone	7.692	82	678162	42.000	ng	100
26) 2-Nitrophenol	7.769	139	170995	42.252	ng	99
27) 2,4-Dimethylphenol	7.804	122	268524	54.200	ng	100
28) bis(2-Chloroethoxy)met...	7.898	93	398709	41.351	ng	99
29) 2,4-Dichlorophenol	8.010	162	272748	42.207	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	281416	38.508	ng	99
31) Naphthalene	8.175	128	947875	40.277	ng	100
32) Benzoic acid	7.940	122	206393	41.896	ng	98
33) 4-Chloroaniline	8.222	127	174174	21.865	ng	100
34) Hexachlorobutadiene	8.287	225	184036	38.914	ng	99
35) Caprolactam	8.598	113	47321	22.326	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	314420	42.982	ng	97
37) 2-Methylnaphthalene	8.863	142	626749	40.891	ng	99
38) 1-Methylnaphthalene	8.963	142	584113	38.987	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	293755	39.085	ng	99
41) Hexachlorocyclopentadiene	9.016	237	361388	156.816	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	208648	41.181	ng	99

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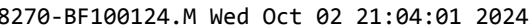
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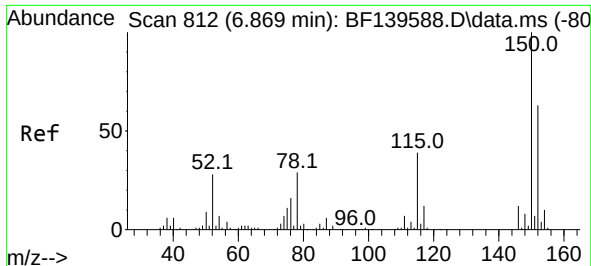
Quant Time: Oct 02 21:02:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	219887	40.244	ng	97
46) 1,1'-Biphenyl	9.328	154	796035	39.544	ng	100
47) 2-Chloronaphthalene	9.351	162	595738	39.475	ng	99
48) 2-Nitroaniline	9.451	65	230810	42.606	ng	99
49) Acenaphthylene	9.769	152	988658	43.078	ng	100
50) Dimethylphthalate	9.634	163	743799	41.981	ng	100
51) 2,6-Dinitrotoluene	9.692	165	160755	40.166	ng	100
52) Acenaphthene	9.939	154	610840	38.770	ng	99
53) 3-Nitroaniline	9.863	138	122170	29.870	ng	96
54) 2,4-Dinitrophenol	9.975	184	197269	91.638	ng	98
55) Dibenzofuran	10.116	168	895699	40.603	ng	100
56) 4-Nitrophenol	10.034	139	267202	85.670	ng	97
57) 2,4-Dinitrotoluene	10.098	165	218390	41.745	ng	97
58) Fluorene	10.457	166	707842	40.286	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	189241	42.882	ng	100
60) Diethylphthalate	10.333	149	761617	41.618	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	349816	39.796	ng	99
62) 4-Nitroaniline	10.481	138	170581	40.774	ng	98
63) Azobenzene	10.604	77	778580	42.306	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	123450	42.164	ng	96
66) n-Nitrosodiphenylamine	10.569	169	635874	41.613	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	213739	40.212	ng	98
68) Hexachlorobenzene	11.004	284	234513	39.761	ng	99
69) Atrazine	11.098	200	206920	50.470	ng	99
70) Pentachlorophenol	11.198	266	271246	77.234	ng	99
71) Phenanthrene	11.422	178	1016041	41.567	ng	100
72) Anthracene	11.469	178	1033189	42.726	ng	100
73) Carbazole	11.628	167	949855	40.897	ng	99
74) Di-n-butylphthalate	11.951	149	1201269	42.533	ng	100
75) Fluoranthene	12.604	202	1093747	40.933	ng	100
77) Benzidine	12.727	184	293282	56.556	ng	100
78) Pyrene	12.833	202	1113269	42.339	ng	99
80) Butylbenzylphthalate	13.451	149	432504	45.985	ng	99
81) Benzo(a)anthracene	14.021	228	832376	43.064	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	191128	32.310	ng	99
83) Chrysene	14.063	228	715240	40.474	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	551932	46.995	ng	99
85) Di-n-octyl phthalate	14.621	149	795338	46.096	ng	100
87) Indeno(1,2,3-cd)pyrene	16.980	276	698605	46.611	ng	100
88) Benzo(b)fluoranthene	15.074	252	621588	37.752	ng	100
89) Benzo(k)fluoranthene	15.104	252	625986	44.820	ng	100
90) Benzo(a)pyrene	15.439	252	579319	44.622	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	570975	45.931	ng	99
92) Benzo(g,h,i)perylene	17.427	276	531465	42.629	ng	100

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

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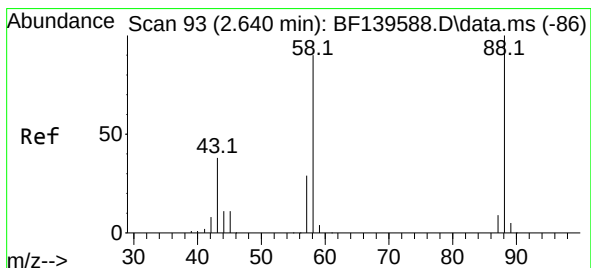
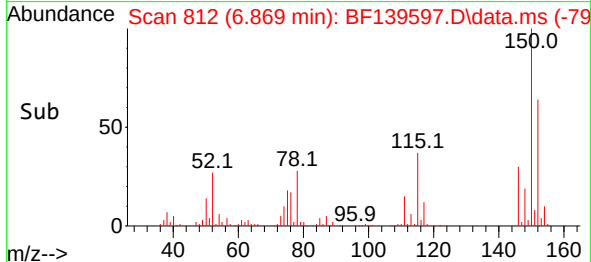
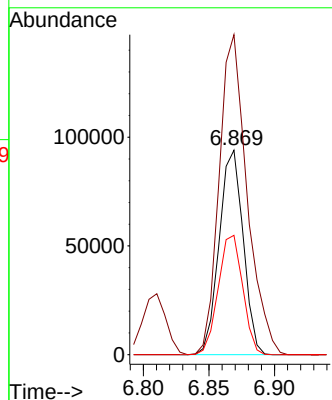
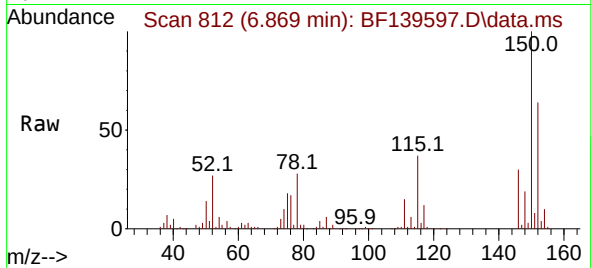




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF139597.D
 Acq: 02 Oct 2024 10:42

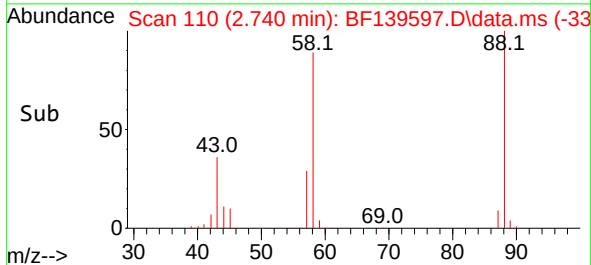
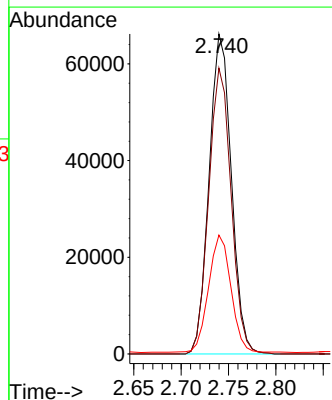
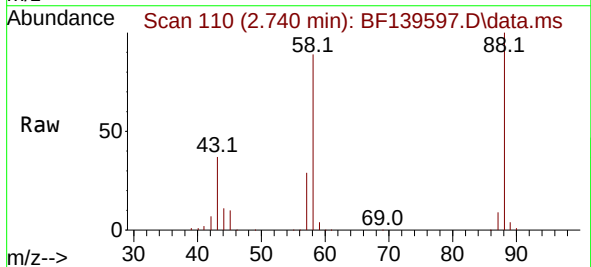
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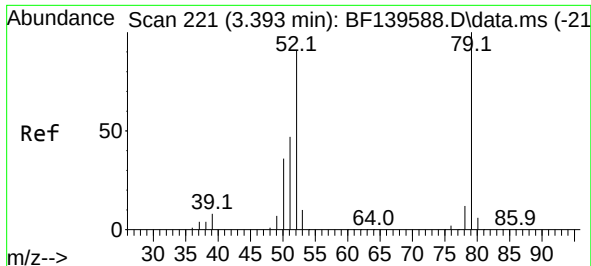
Tgt Ion:152 Resp: 119575
 Ion Ratio Lower Upper
 152 100
 150 156.5 127.2 190.8
 115 58.4 49.0 73.4



#2
 1,4-Dioxane
 Concen: 36.332 ng
 RT: 2.740 min Scan# 110
 Delta R.T. 0.100 min
 Lab File: BF139597.D
 Acq: 02 Oct 2024 10:42

Tgt Ion: 88 Resp: 108367
 Ion Ratio Lower Upper
 88 100
 58 90.1 72.0 108.0
 43 37.0 30.8 46.2





#3

Pyridine

Concen: 39.619 ng

RT: 3.481 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB163784BS

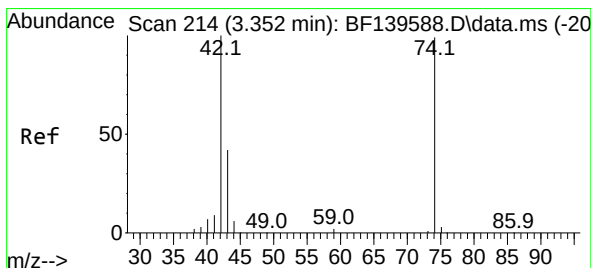
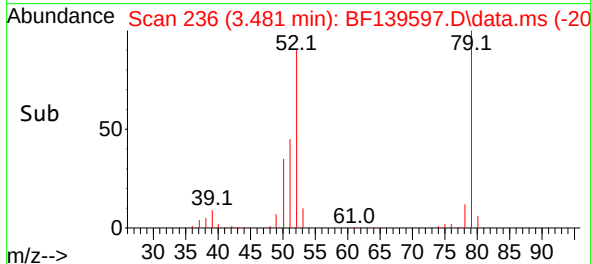
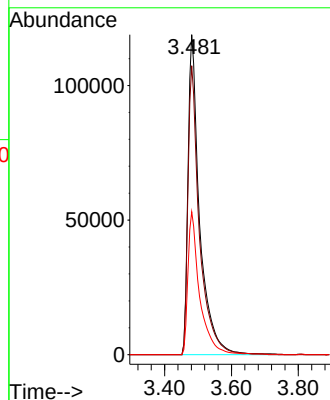
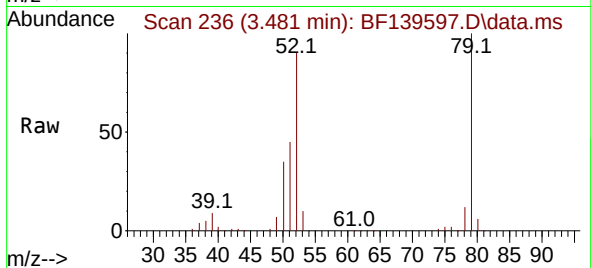
Tgt Ion: 79 Resp: 287400

Ion Ratio Lower Upper

79 100

52 90.3 72.6 109.0

51 44.6 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 41.568 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.094 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

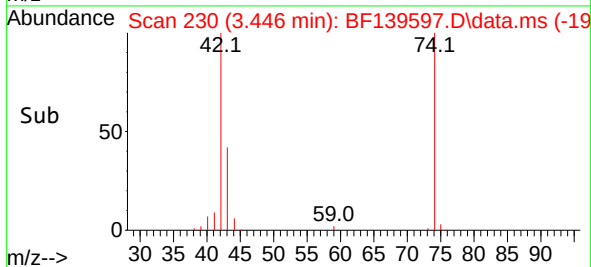
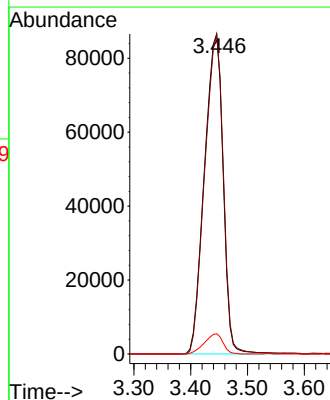
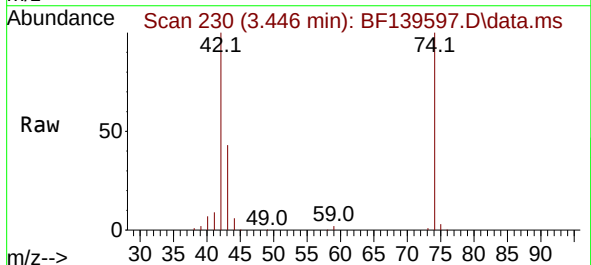
Tgt Ion: 42 Resp: 197377

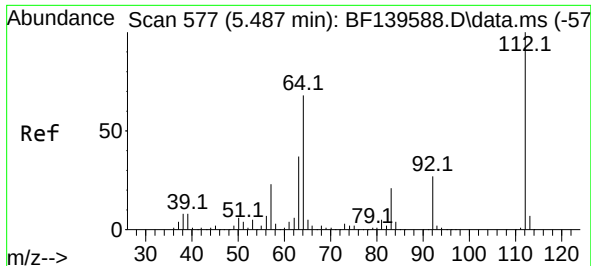
Ion Ratio Lower Upper

42 100

74 99.8 79.0 118.6

44 6.3 5.2 7.8

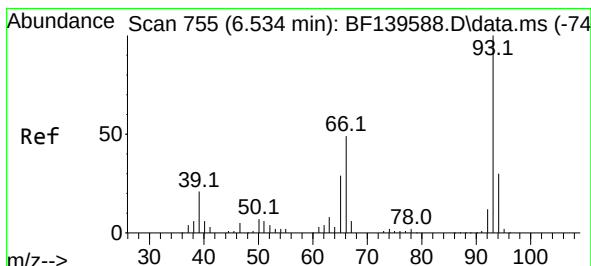
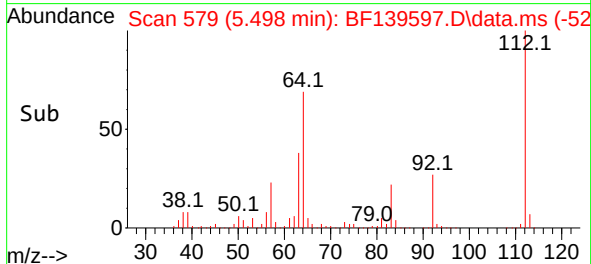
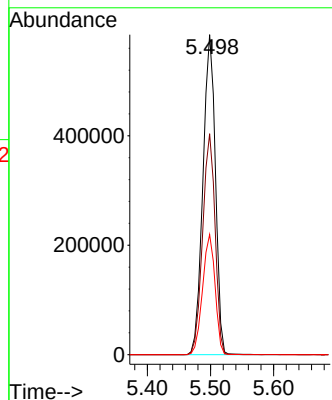
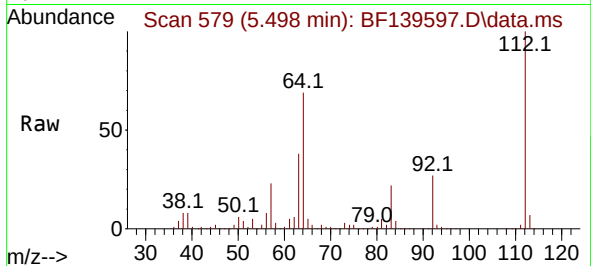




#5
2-Fluorophenol
Concen: 116.484 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

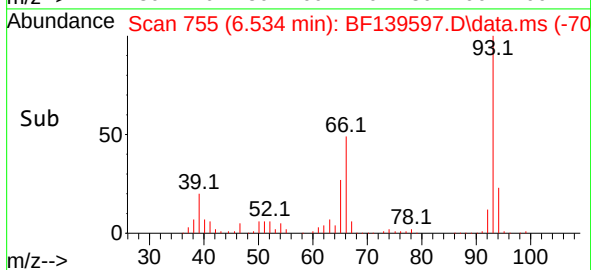
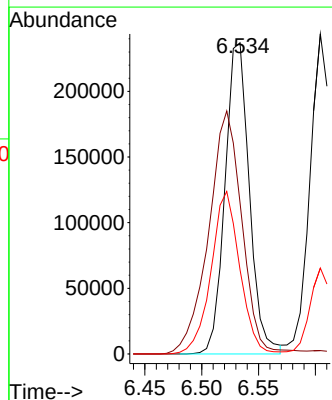
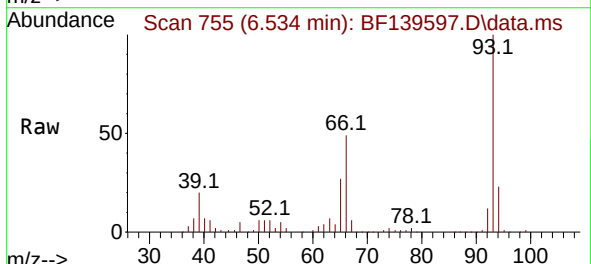
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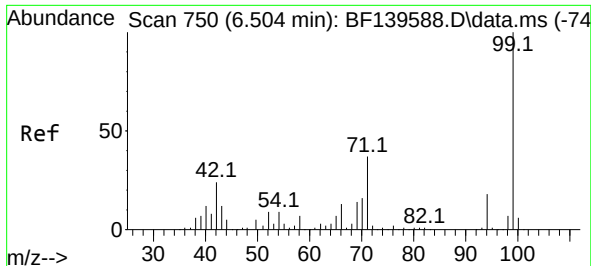
Tgt Ion:112 Resp: 803609
Ion Ratio Lower Upper
112 100
64 69.0 54.2 81.4
63 37.6 29.4 44.2



#6
Aniline
Concen: 42.877 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Tgt Ion: 93 Resp: 352988
Ion Ratio Lower Upper
93 100
66 48.6 40.9 61.3
65 27.0 23.3 34.9

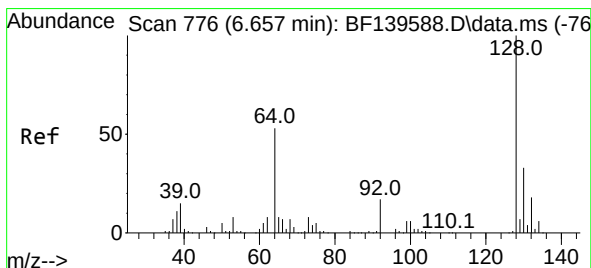
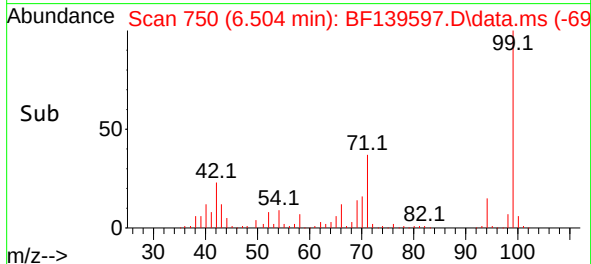
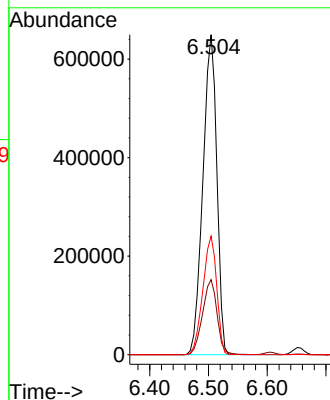
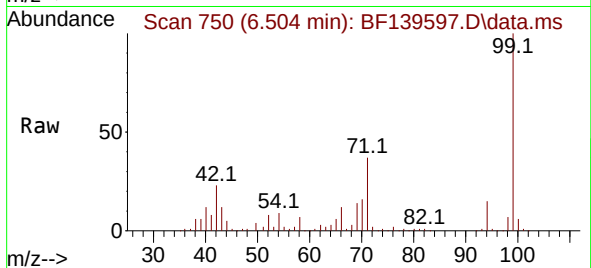




#7
Phenol-d6
Concen: 115.157 ng
RT: 6.504 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

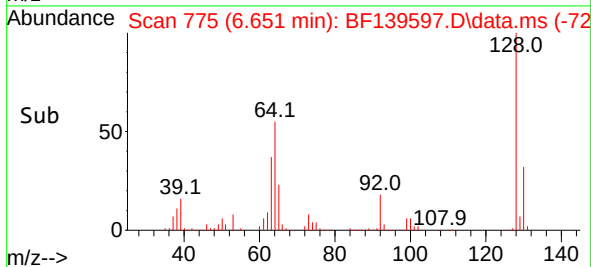
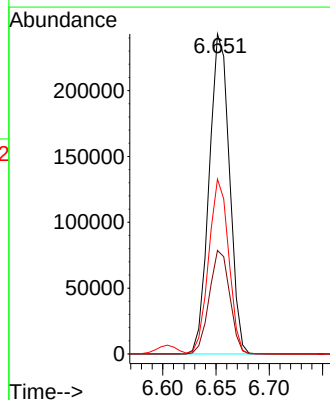
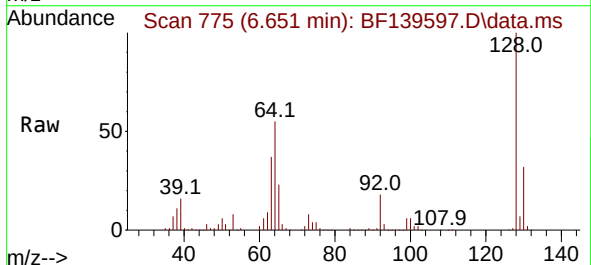
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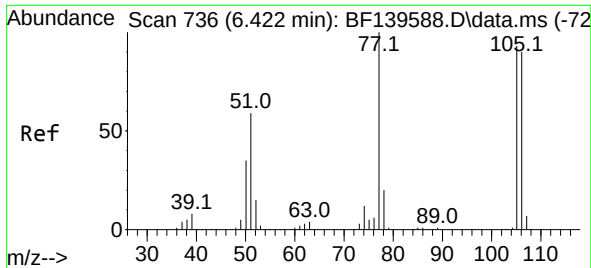
Tgt Ion: 99 Resp: 1068371
Ion Ratio Lower Upper
99 100
42 23.4 19.1 28.7
71 37.0 29.7 44.5



#8
2-Chlorophenol
Concen: 43.477 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Tgt Ion:128 Resp: 321355
Ion Ratio Lower Upper
128 100
130 32.4 13.2 53.2
64 54.7 35.1 75.1





#9

Benzaldehyde

Concen: 11.429 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB163784BS

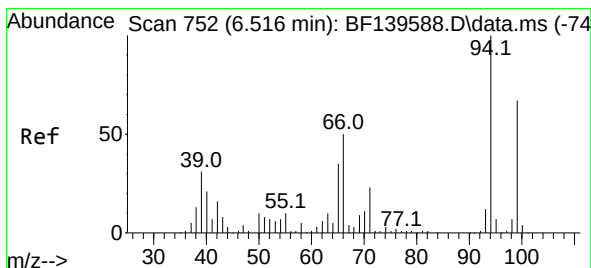
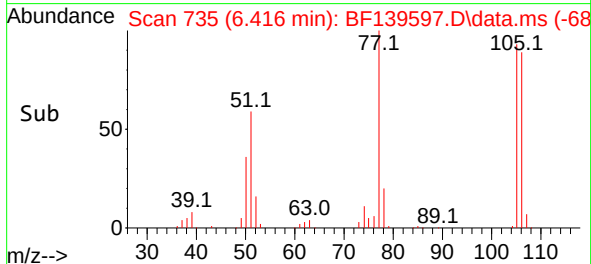
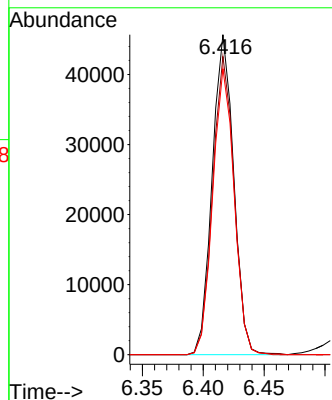
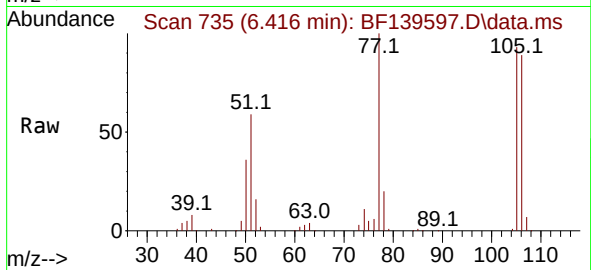
Tgt Ion: 77 Resp: 56167

Ion Ratio Lower Upper

77 100

105 93.2 72.7 112.7

106 89.3 70.1 110.1



#10

Phenol

Concen: 42.978 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

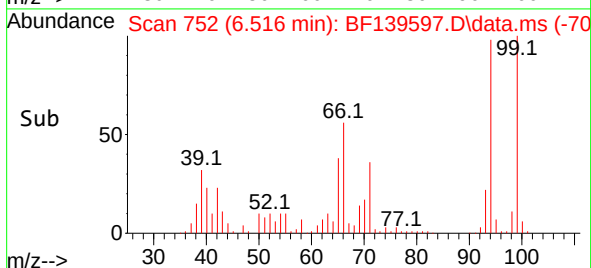
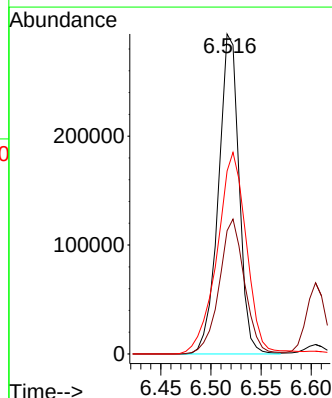
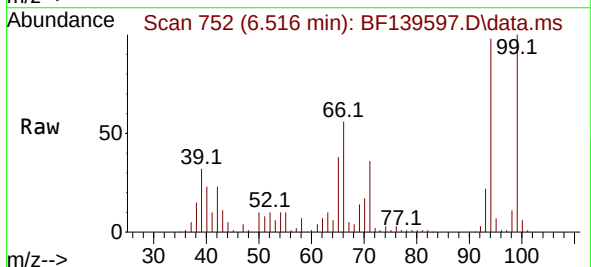
Tgt Ion: 94 Resp: 419263

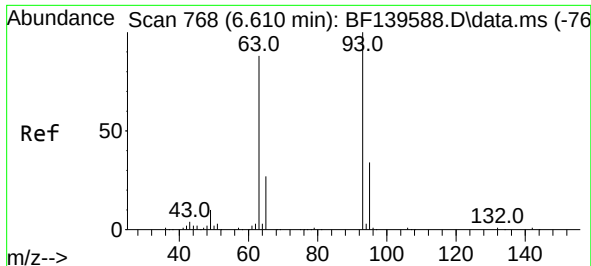
Ion Ratio Lower Upper

94 100

65 38.5 15.3 55.3

66 57.2 30.5 70.5





#11

bis(2-Chloroethyl)ether

Concen: 40.444 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB163784BS

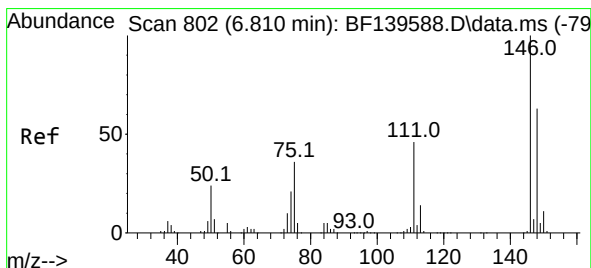
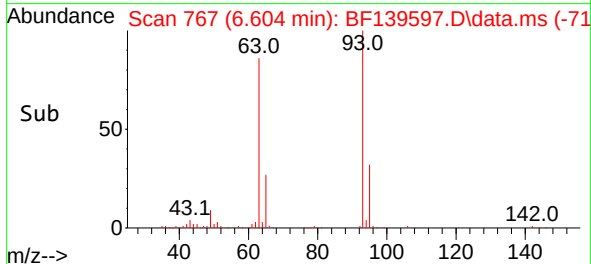
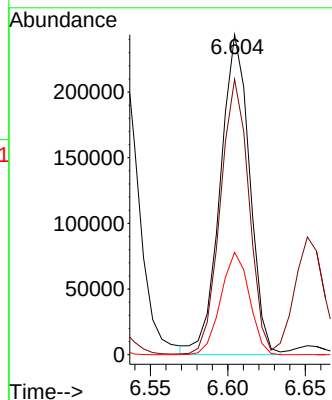
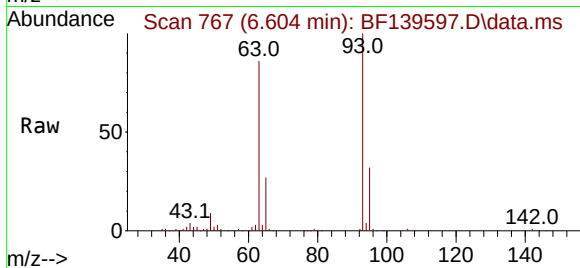
Tgt Ion: 93 Resp: 321243

Ion Ratio Lower Upper

93 100

63 86.1 64.1 104.1

95 32.0 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 39.589 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

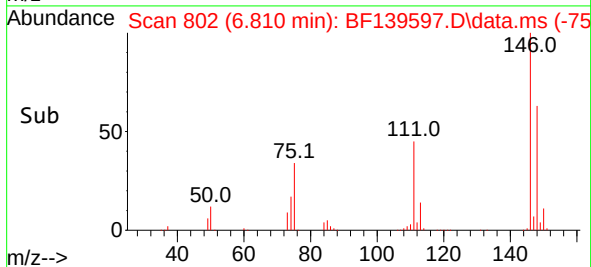
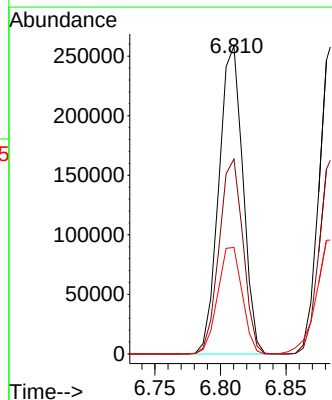
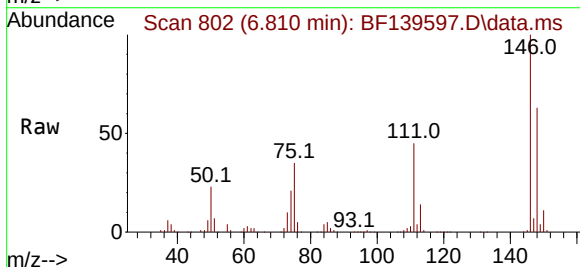
Tgt Ion: 146 Resp: 329179

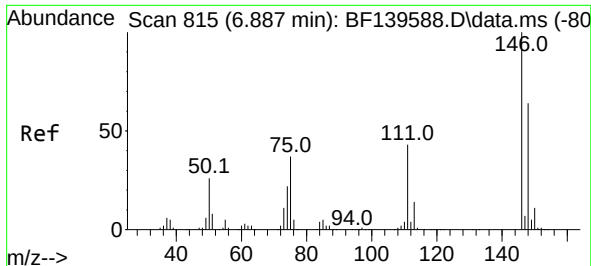
Ion Ratio Lower Upper

146 100

148 63.3 50.2 75.4

75 34.6 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 39.859 ng

RT: 6.887 min Scan# 815

Delta R.T. -0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB163784BS

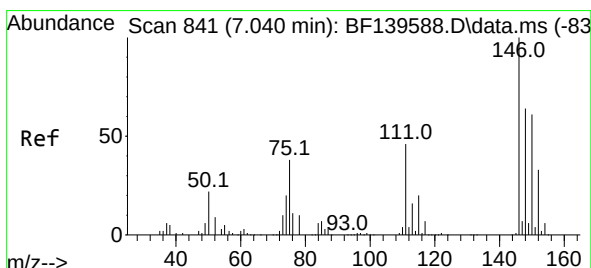
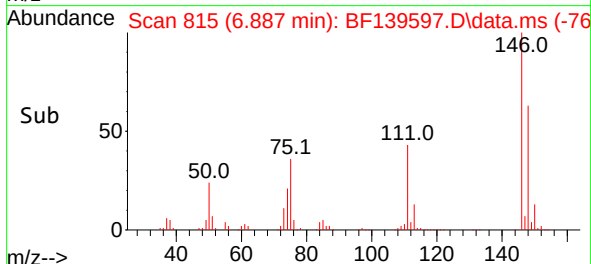
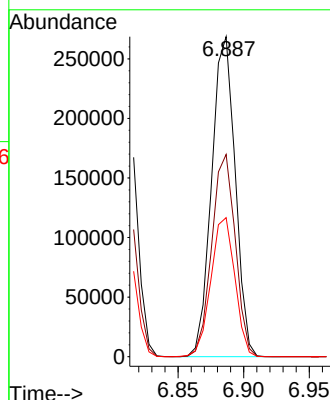
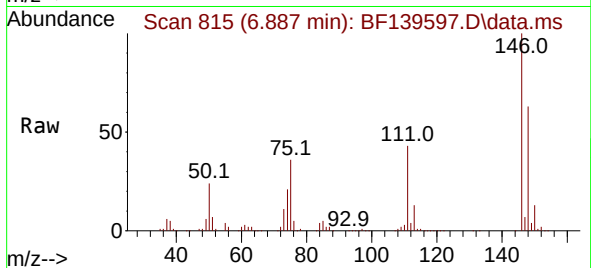
Tgt Ion:146 Resp: 335669

Ion Ratio Lower Upper

146 100

148 63.2 51.0 76.6

111 43.5 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 40.356 ng

RT: 7.034 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

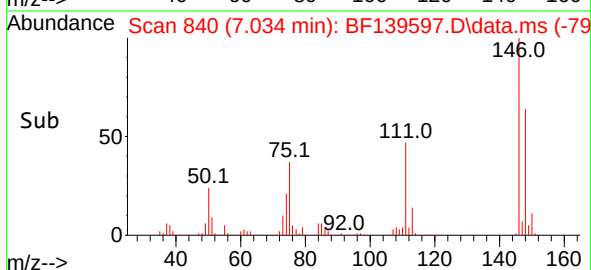
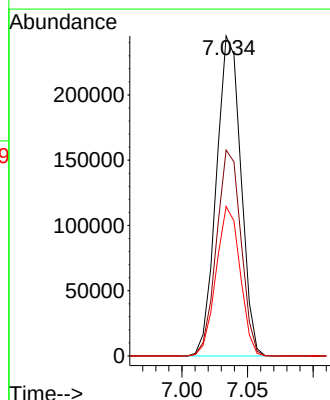
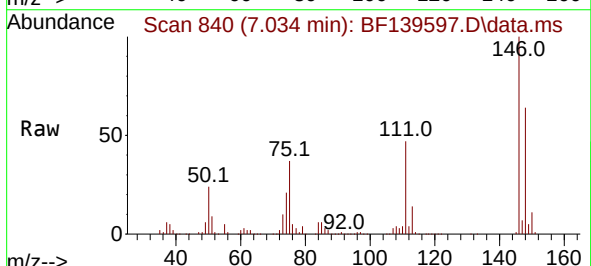
Tgt Ion:146 Resp: 318523

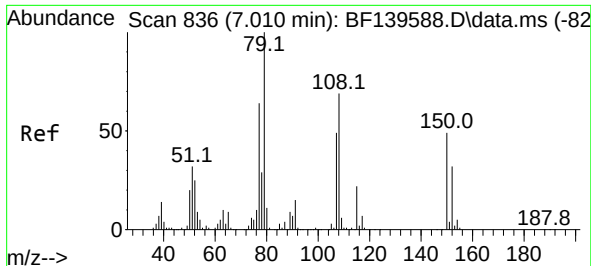
Ion Ratio Lower Upper

146 100

148 64.3 51.2 76.8

111 46.7 37.0 55.6

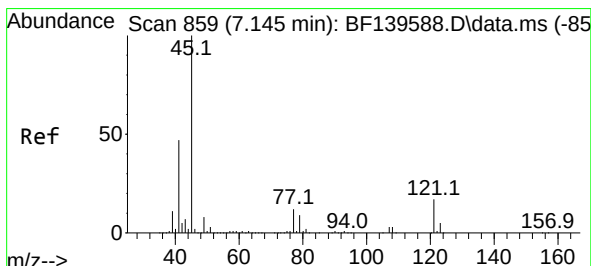
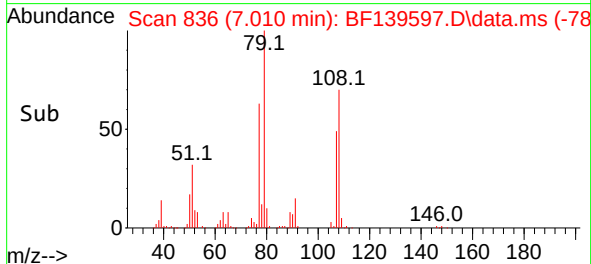
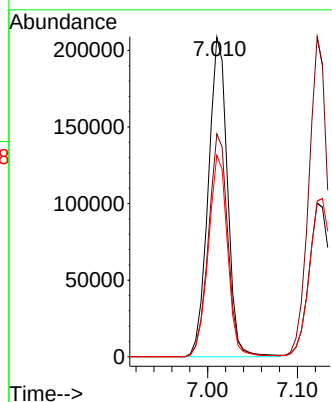
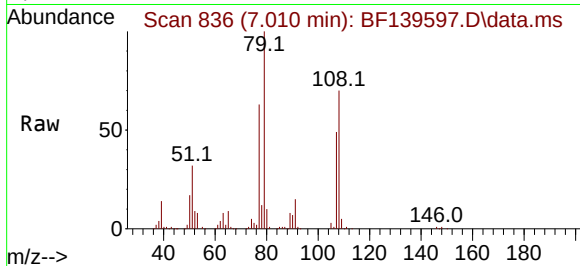




#15
Benzyl Alcohol
Concen: 43.516 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

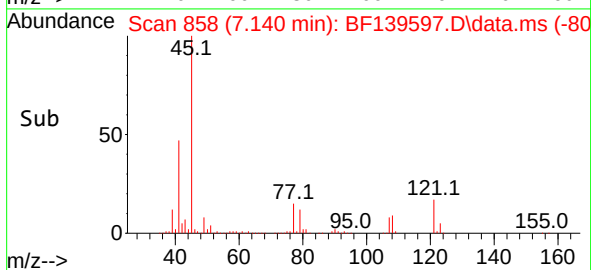
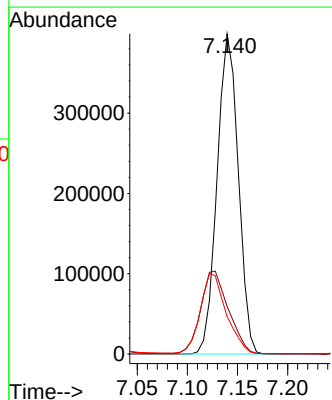
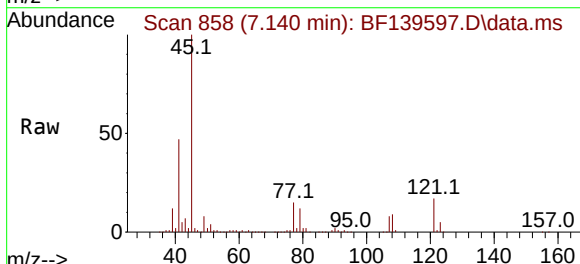
Instrument :
BNA_F
ClientSampleId :
PB163784BS

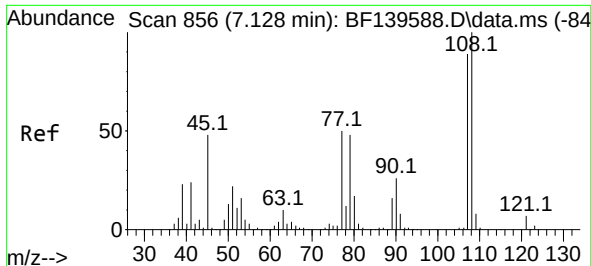
Tgt Ion: 79 Resp: 308467
Ion Ratio Lower Upper
79 100
108 69.7 55.1 82.7
77 63.0 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.566 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Tgt Ion: 45 Resp: 585312
Ion Ratio Lower Upper
45 100
77 14.9 0.0 32.5
79 11.7 0.0 29.7

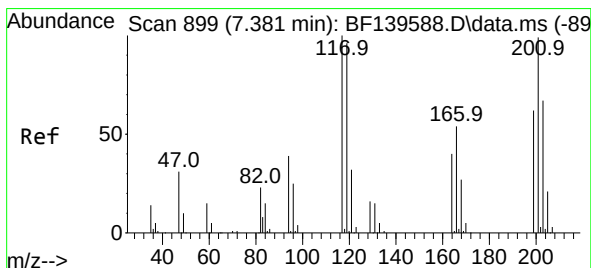
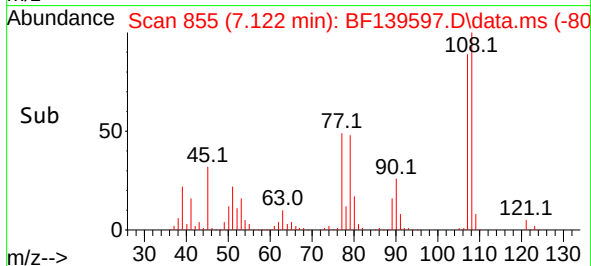
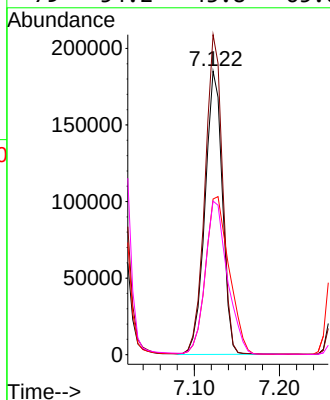
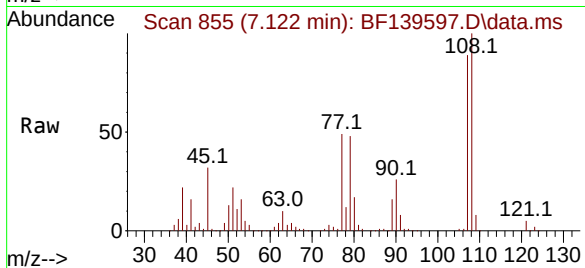




#17
2-Methylphenol
Concen: 42.526 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

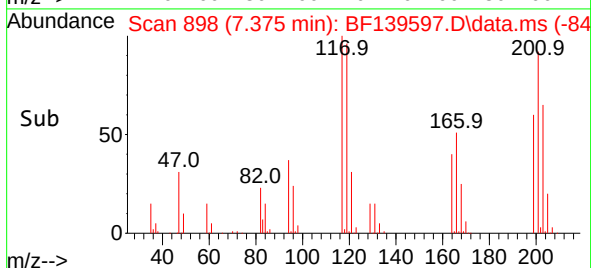
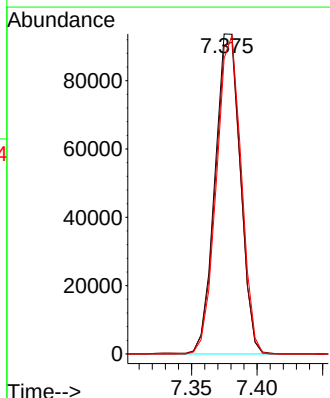
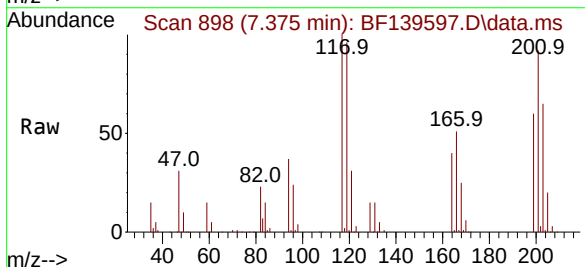
Instrument :
BNA_F
ClientSampleId :
PB163784BS

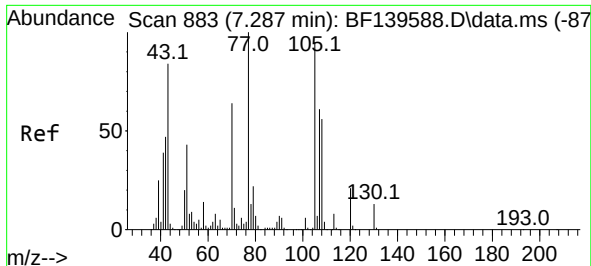
Tgt Ion:107 Resp: 262408
Ion Ratio Lower Upper
107 100
108 112.9 89.8 134.6
77 54.9 44.6 67.0
79 54.2 43.8 65.6



#18
Hexachloroethane
Concen: 40.199 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Tgt Ion:117 Resp: 126272
Ion Ratio Lower Upper
117 100
119 96.1 77.0 115.6
201 92.3 79.2 118.8



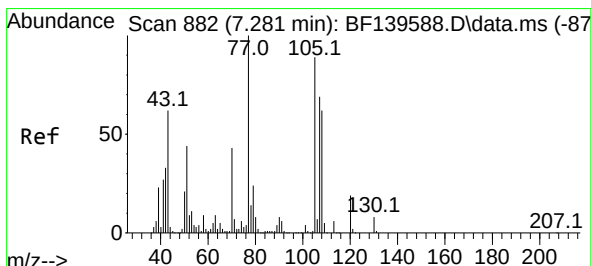
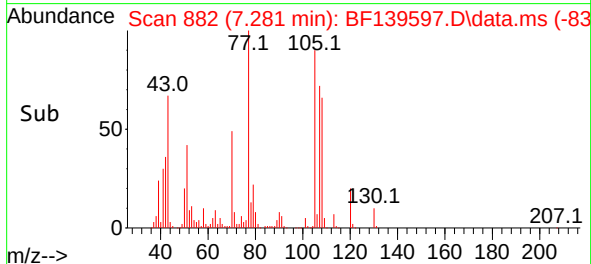
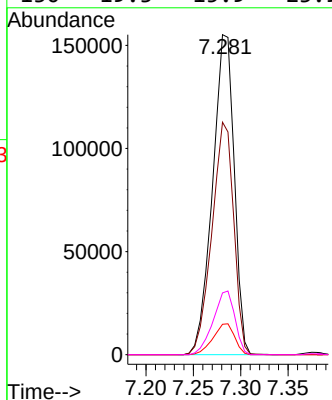
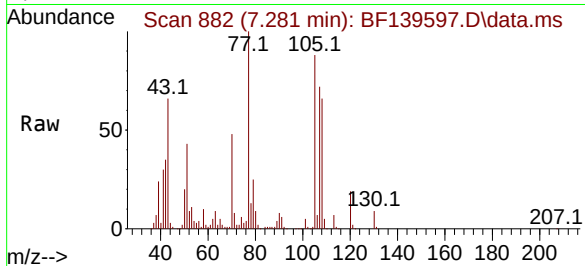


#19
n-Nitroso-di-n-propylamine
Concen: 41.505 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Instrument :
BNA_F
ClientSampleId :
PB163784BS

Tgt Ion: 70 Resp: 247561

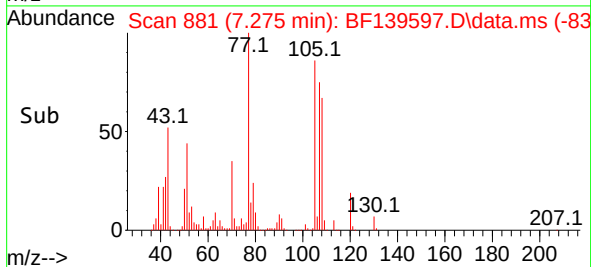
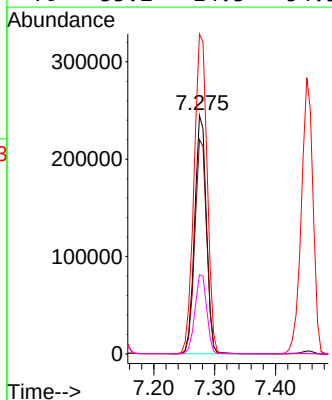
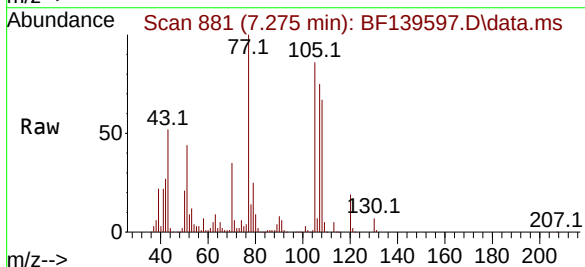
Ion	Ratio	Lower	Upper
70	100		
42	72.6	58.0	87.0
101	9.5	7.8	11.8
130	19.3	15.9	23.9

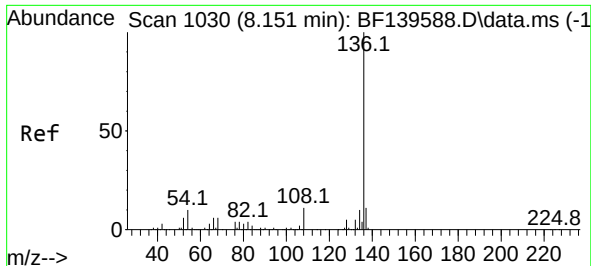


#20
3+4-Methylphenols
Concen: 42.417 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Tgt Ion: 107 Resp: 328749

Ion	Ratio	Lower	Upper
107	100		
108	89.8	70.2	110.2
77	134.1	125.3	165.3
79	33.2	14.3	54.3

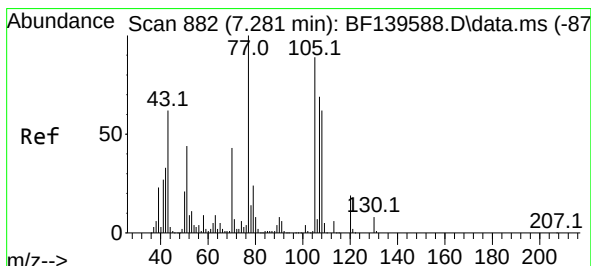
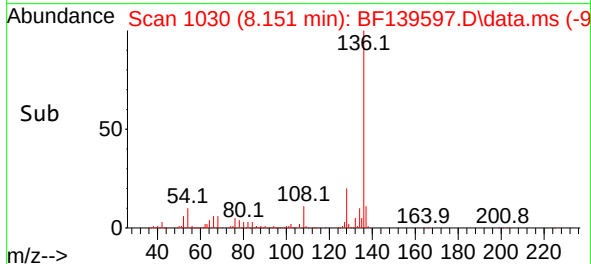
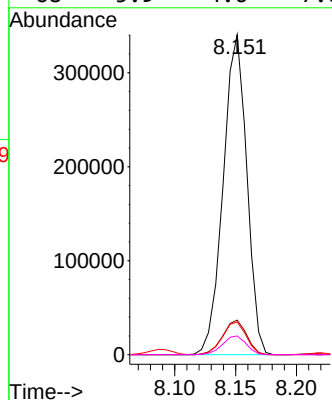
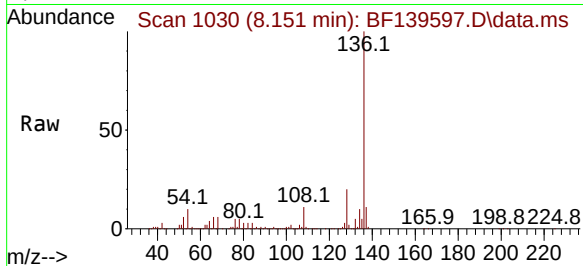




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

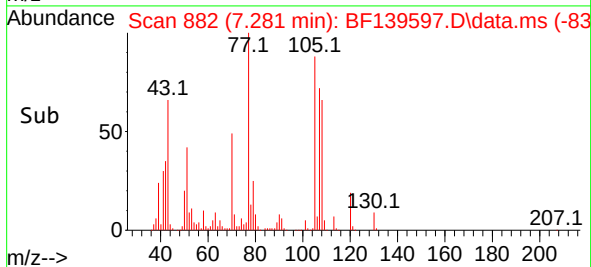
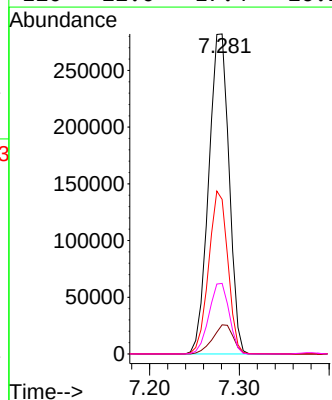
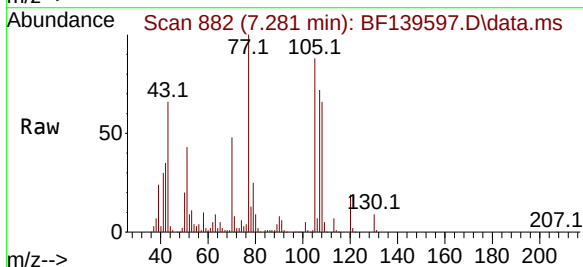
Instrument :
BNA_F
ClientSampleId :
PB163784BS

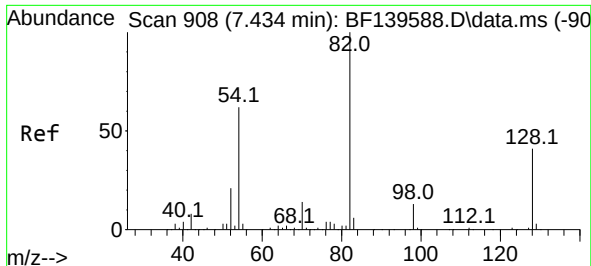
Tgt Ion:136 Resp: 460286
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.2 8.3 12.5
68 5.9 4.6 7.0



#22
Acetophenone
Concen: 40.694 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Tgt Ion:105 Resp: 444609
Ion Ratio Lower Upper
105 100
71 9.1 6.6 10.0
51 48.3 39.4 59.0
120 22.0 17.4 26.2





#23

Nitrobenzene-d5

Concen: 78.209 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB163784BS

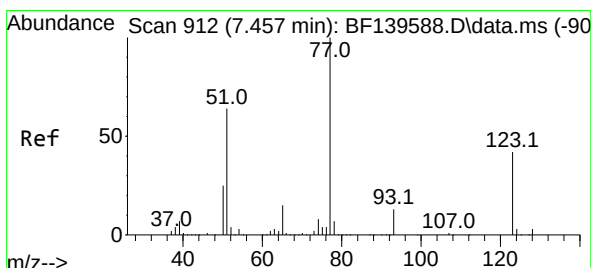
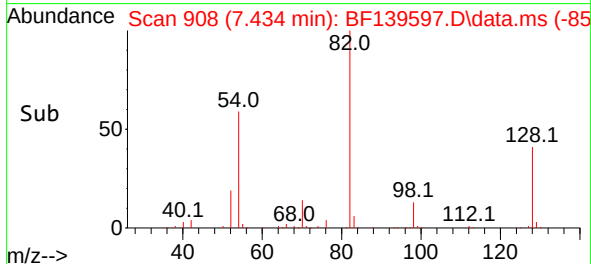
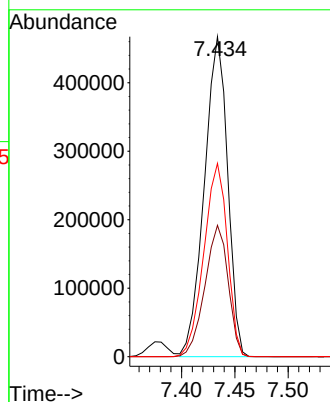
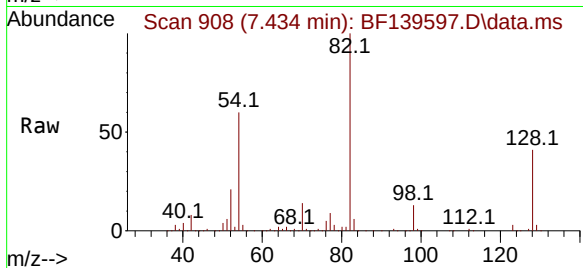
Tgt Ion: 82 Resp: 711005

Ion Ratio Lower Upper

82 100

128 41.0 32.4 48.6

54 60.4 49.1 73.7



#24

Nitrobenzene

Concen: 39.700 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

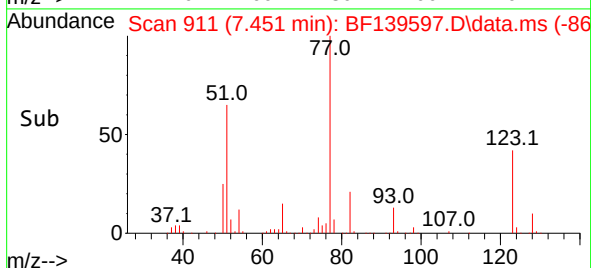
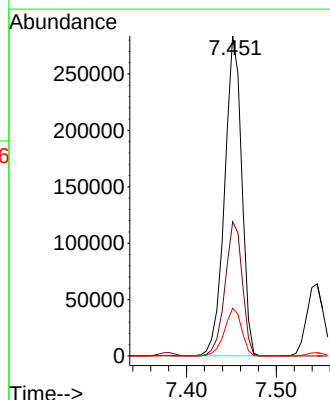
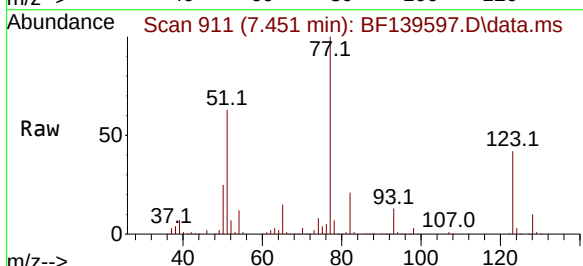
Tgt Ion: 77 Resp: 373734

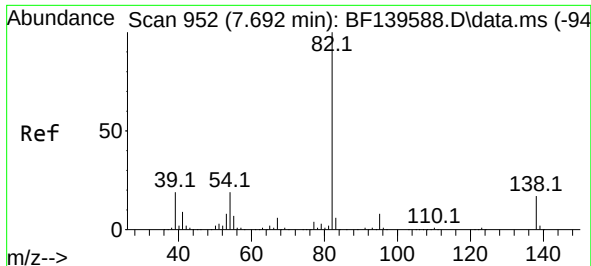
Ion Ratio Lower Upper

77 100

123 42.0 34.2 51.4

65 14.9 12.1 18.1

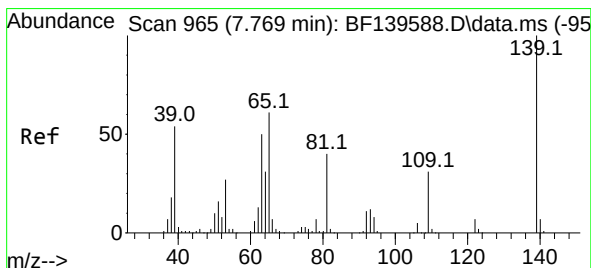
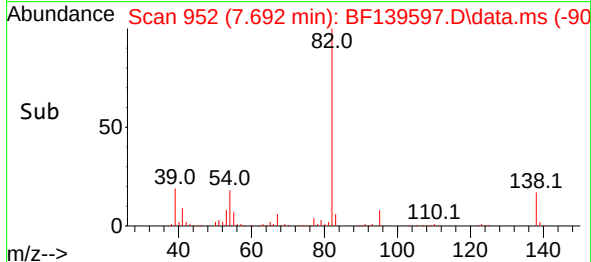
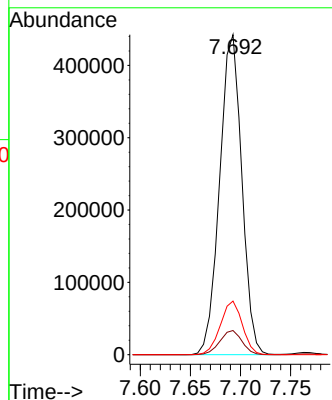
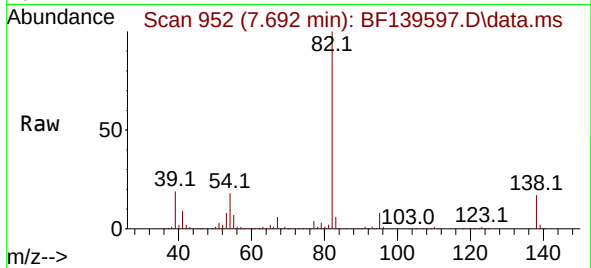




#25
Isophorone
Concen: 42.000 ng
RT: 7.692 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

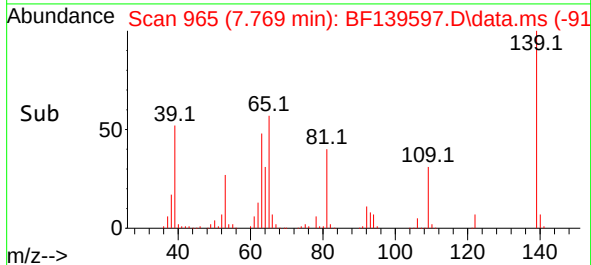
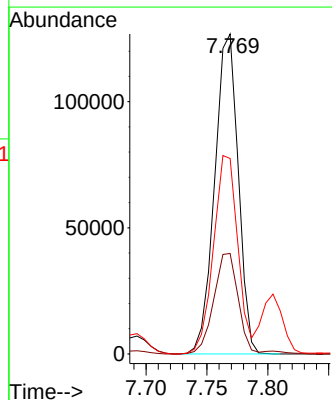
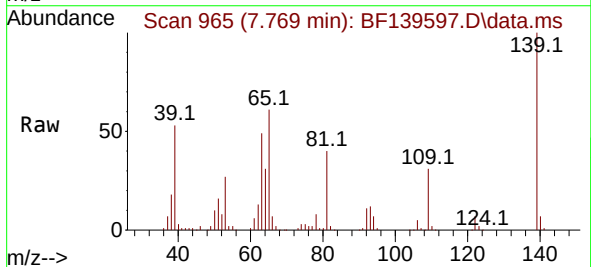
Instrument :
BNA_F
ClientSampleId :
PB163784BS

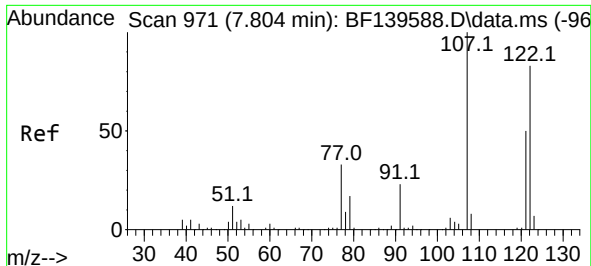
Tgt Ion: 82 Resp: 678162
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 16.7 13.4 20.2



#26
2-Nitrophenol
Concen: 42.252 ng
RT: 7.769 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Tgt Ion:139 Resp: 170995
Ion Ratio Lower Upper
139 100
109 31.4 24.9 37.3
65 61.1 48.6 72.8

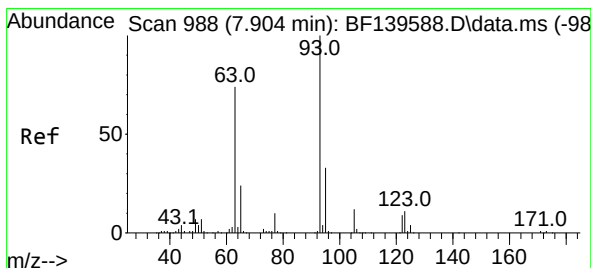
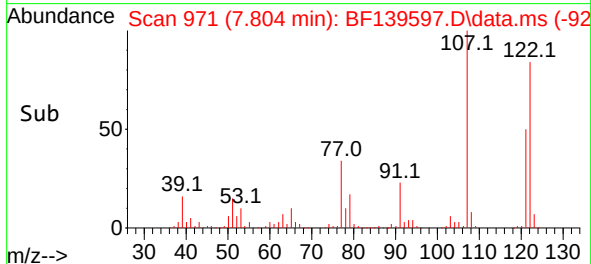
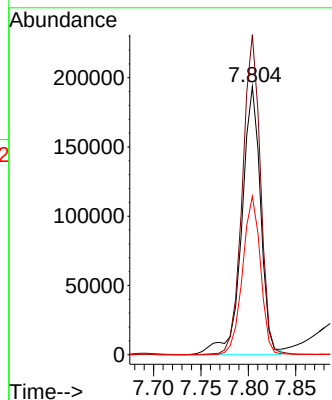
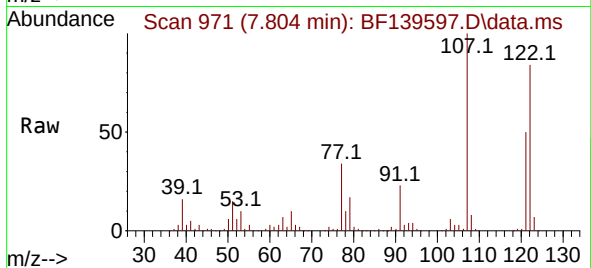




#27
2,4-Dimethylphenol
Concen: 54.200 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

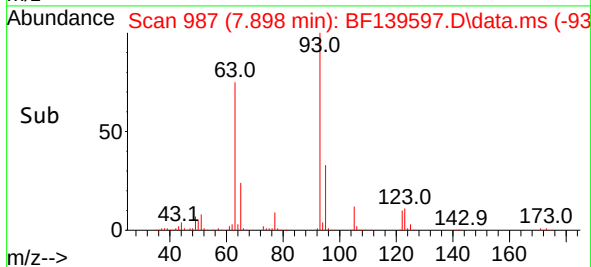
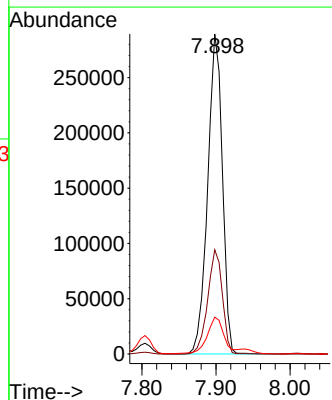
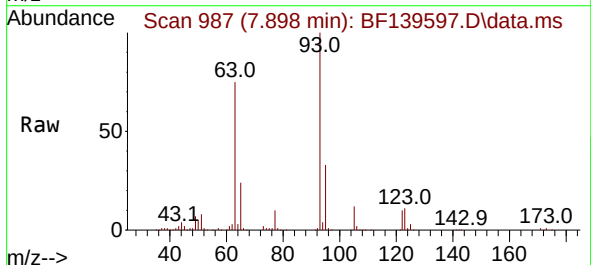
Instrument :
BNA_F
ClientSampleId :
PB163784BS

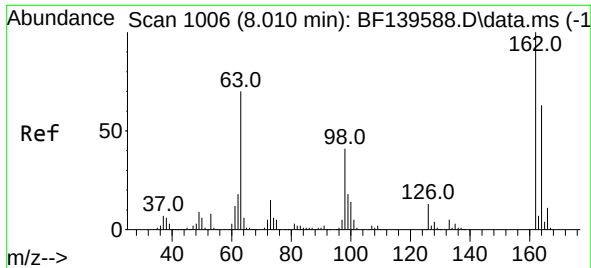
Tgt Ion:122 Resp: 268524
Ion Ratio Lower Upper
122 100
107 119.3 95.4 143.0
121 59.1 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 41.351 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Tgt Ion: 93 Resp: 398709
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 42.207 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB163784BS

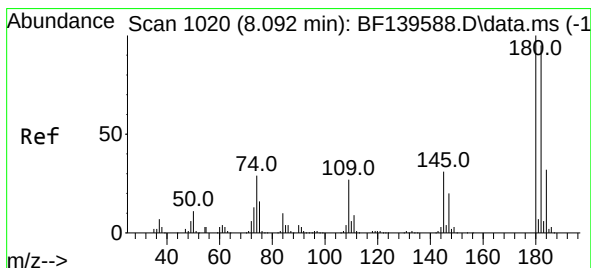
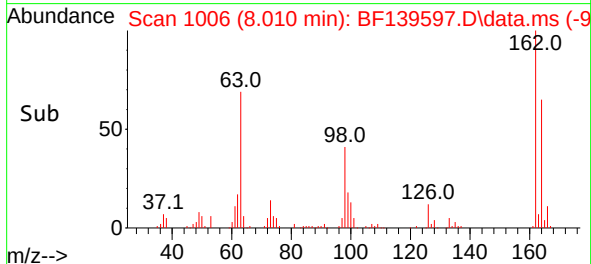
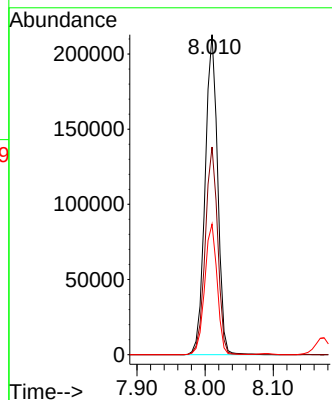
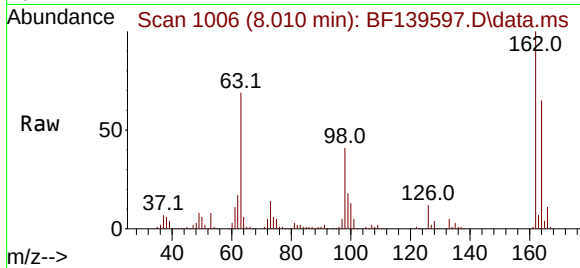
Tgt Ion:162 Resp: 272748

Ion Ratio Lower Upper

162 100

164 64.9 43.1 83.1

98 40.8 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 38.508 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

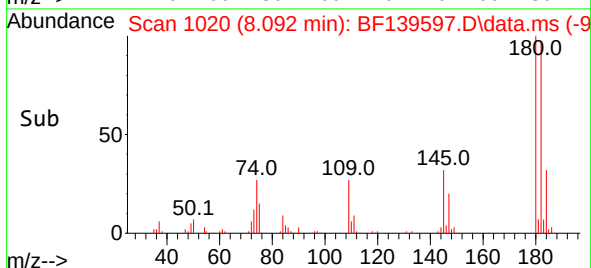
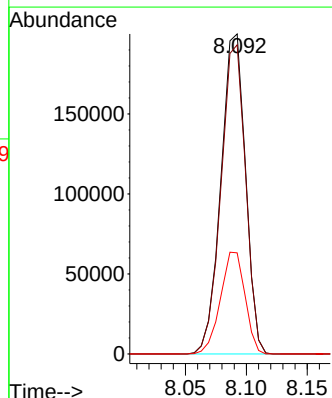
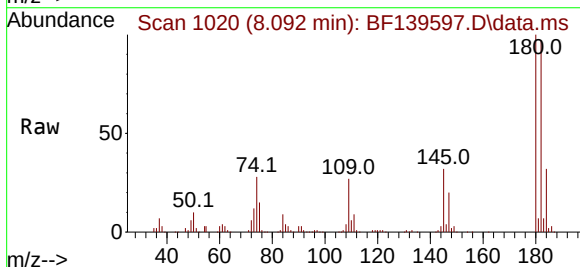
Tgt Ion:180 Resp: 281416

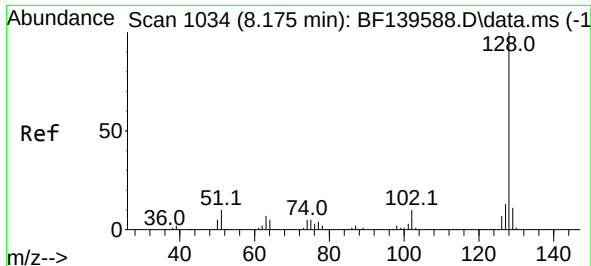
Ion Ratio Lower Upper

180 100

182 96.6 76.0 114.0

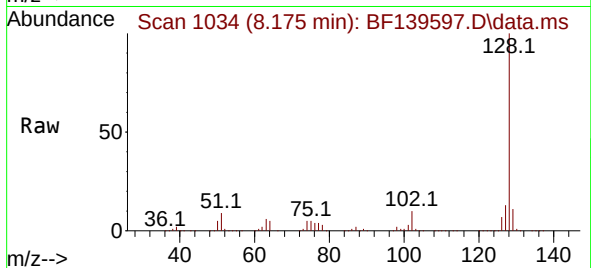
145 31.6 25.0 37.6



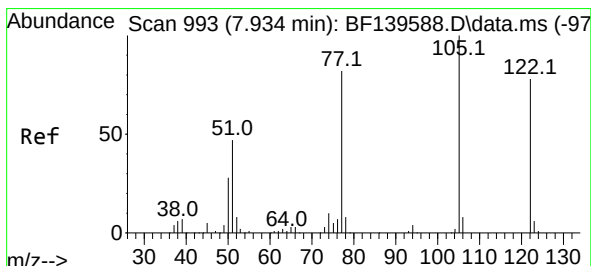
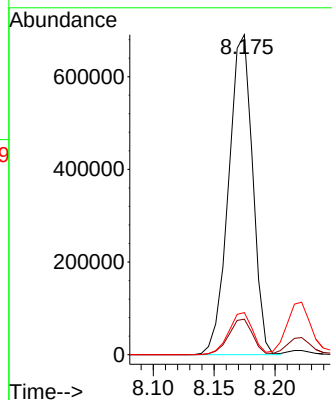
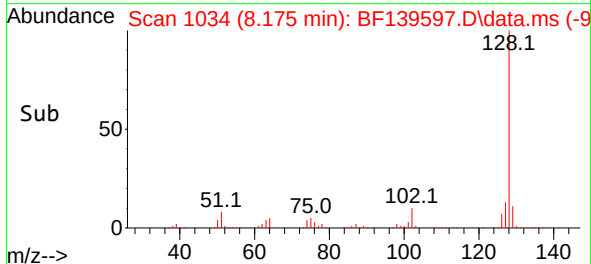


#31
Naphthalene
Concen: 40.277 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Instrument :
BNA_F
ClientSampleId :
PB163784BS

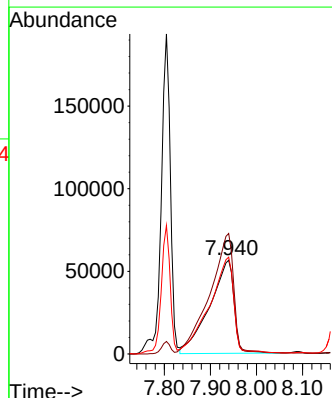
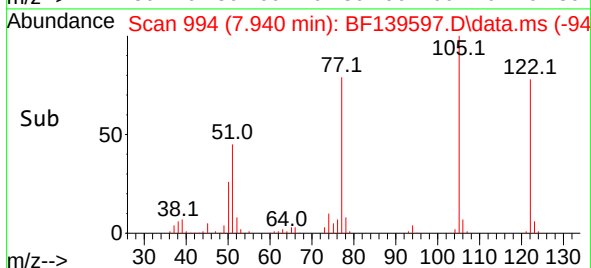
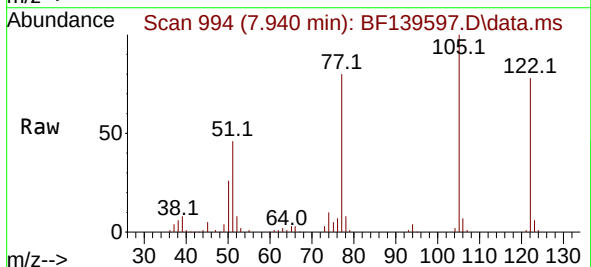


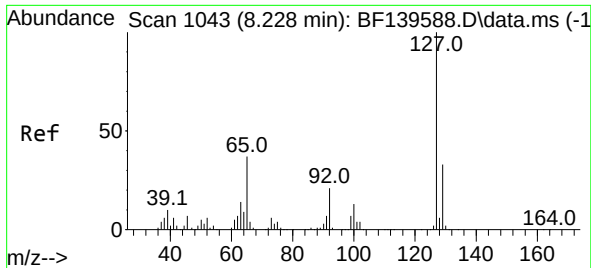
Tgt Ion:128 Resp: 947875
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 41.896 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Tgt Ion:122 Resp: 206393
Ion Ratio Lower Upper
122 100
105 128.5 104.9 144.9
77 103.2 82.7 122.7

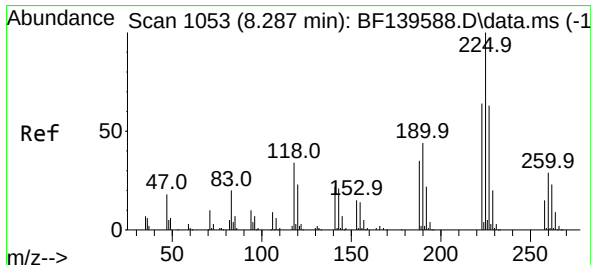
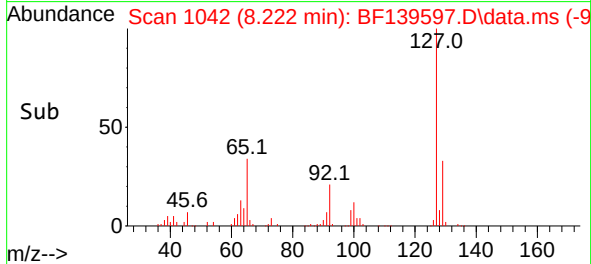
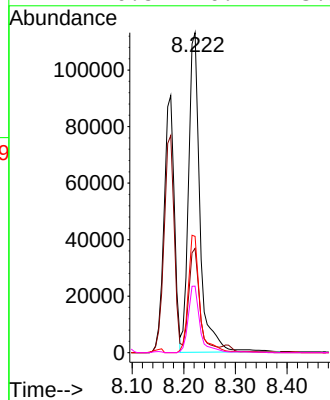
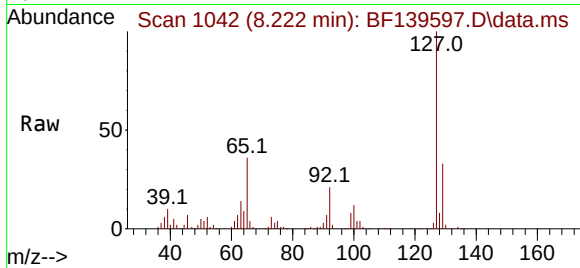




#33
4-Chloroaniline
Concen: 21.865 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

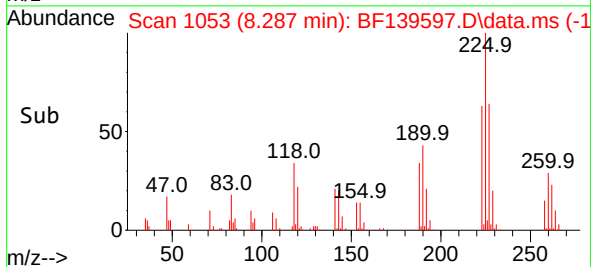
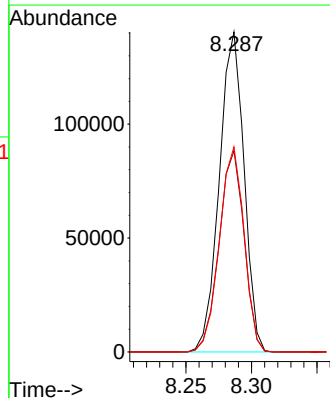
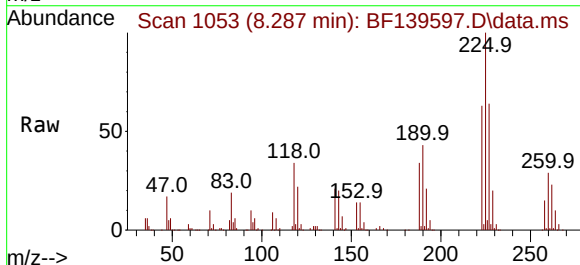
Instrument :
BNA_F
ClientSampleId :
PB163784BS

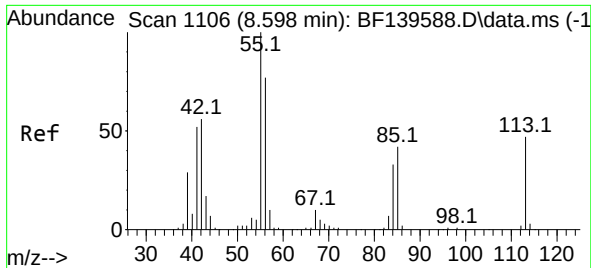
Tgt	Ion:127	Resp:	174174
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	36.4	29.3	43.9
92	20.8	16.9	25.3



#34
Hexachlorobutadiene
Concen: 38.914 ng
RT: 8.287 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Tgt Ion:225	Resp: 184036
Ion Ratio	Lower Upper
225 100	
223 62.9	50.9 76.3
227 64.1	50.7 76.1

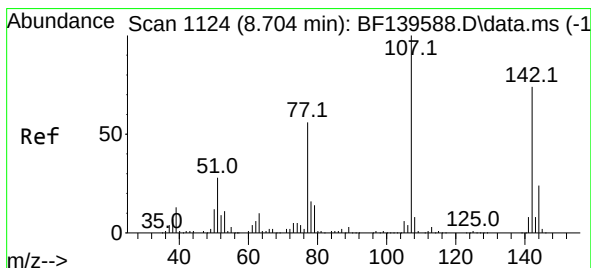
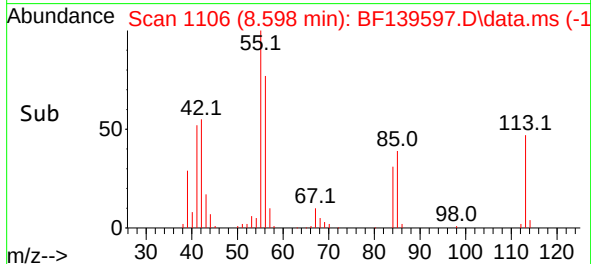
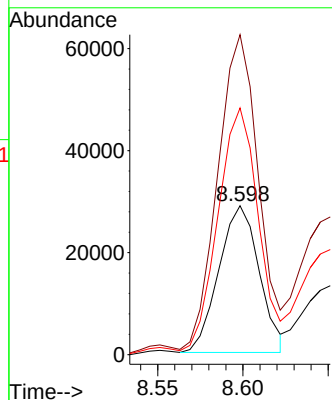
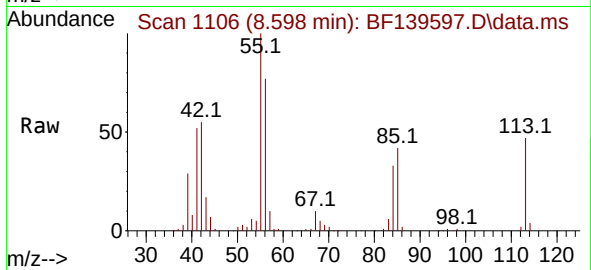




#35
 Caprolactam
 Concen: 22.326 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.000 min
 Lab File: BF139597.D
 Acq: 02 Oct 2024 10:42

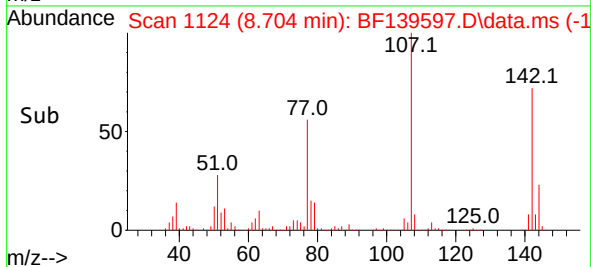
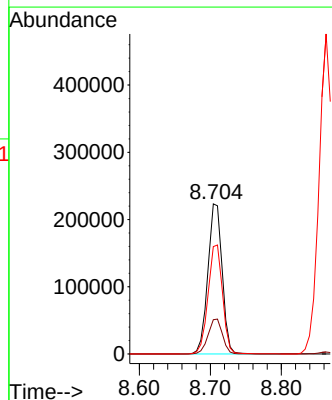
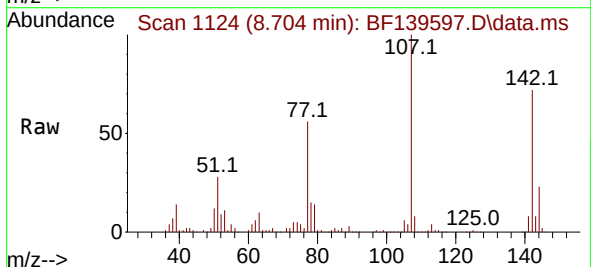
Instrument :
 BNA_F
 ClientSampleId :
 PB163784BS

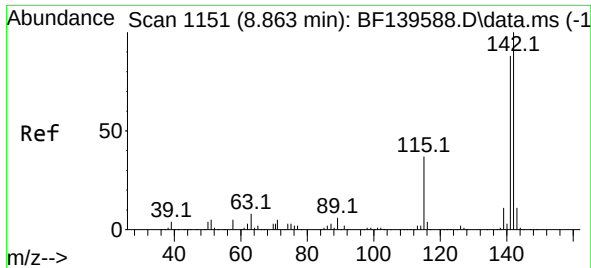
Tgt Ion:113 Resp: 47321
 Ion Ratio Lower Upper
 113 100
 55 214.9 193.4 233.4
 56 165.7 143.8 183.8



#36
 4-Chloro-3-methylphenol
 Concen: 42.982 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF139597.D
 Acq: 02 Oct 2024 10:42

Tgt Ion:107 Resp: 314420
 Ion Ratio Lower Upper
 107 100
 144 22.8 19.0 28.6
 142 71.6 59.2 88.8





#37

2-Methylnaphthalene

Concen: 40.891 ng

RT: 8.863 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

Instrument :

BNA_F

ClientSampleId :

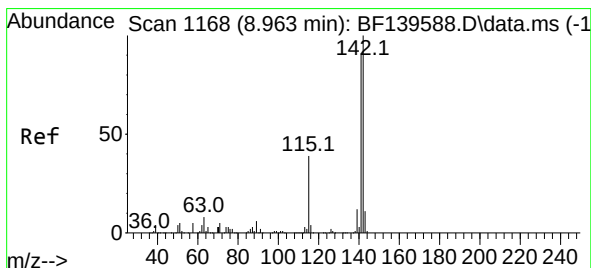
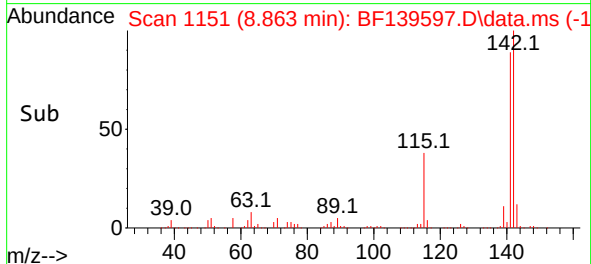
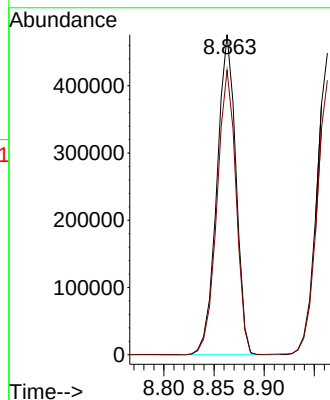
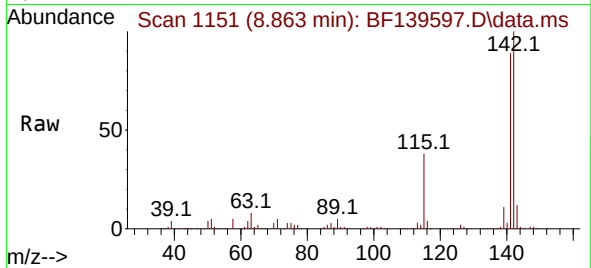
PB163784BS

Tgt Ion:142 Resp: 626749

Ion Ratio Lower Upper

142 100

141 88.9 70.4 105.6



#38

1-Methylnaphthalene

Concen: 38.987 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF139597.D

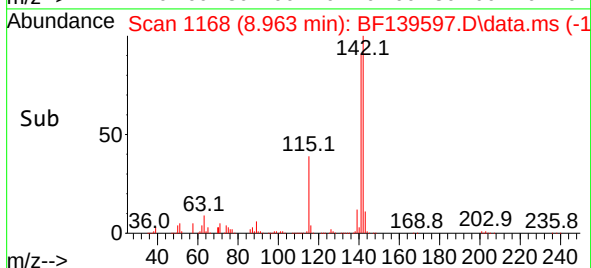
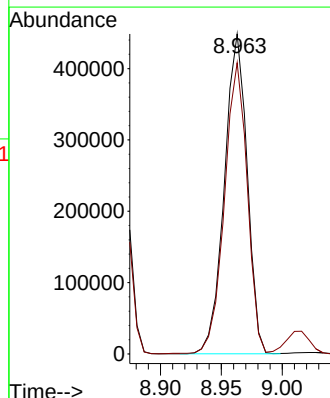
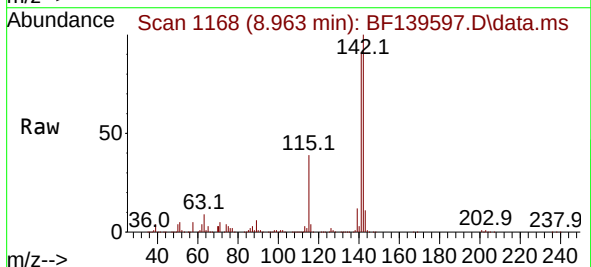
Acq: 02 Oct 2024 10:42

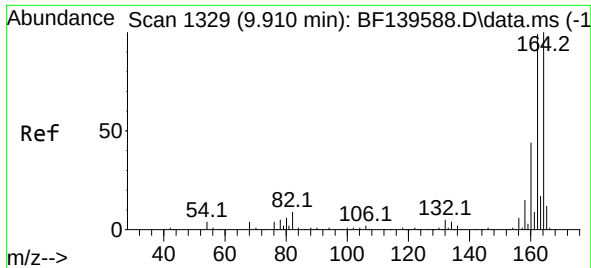
Tgt Ion:142 Resp: 584113

Ion Ratio Lower Upper

142 100

141 91.0 73.0 109.4

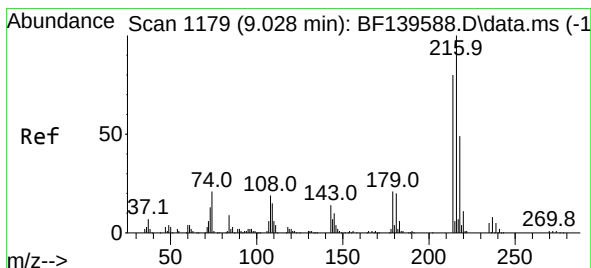
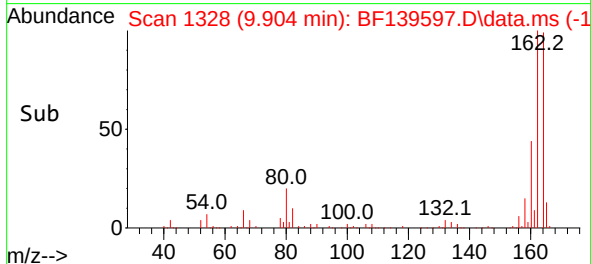
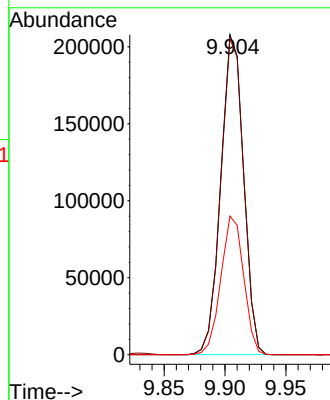
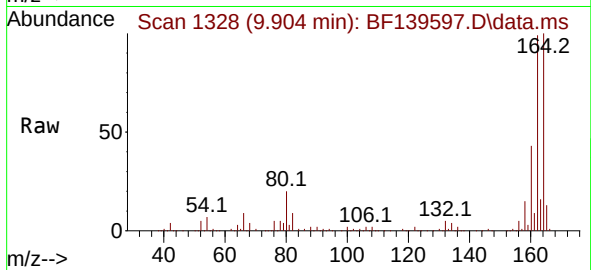




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

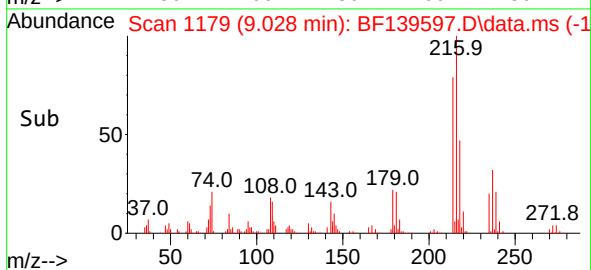
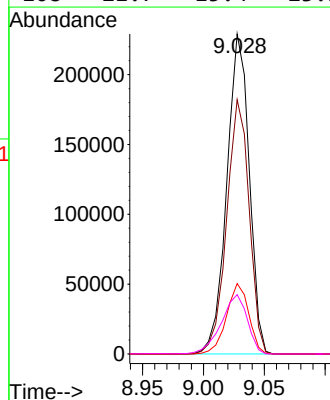
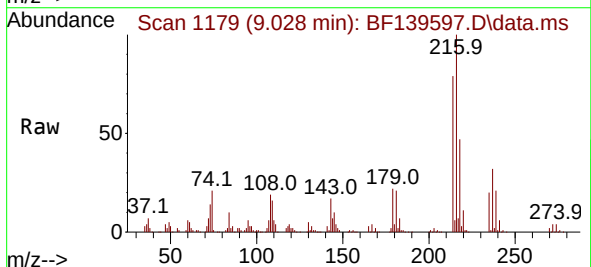
Instrument :
BNA_F
ClientSampleId :
PB163784BS

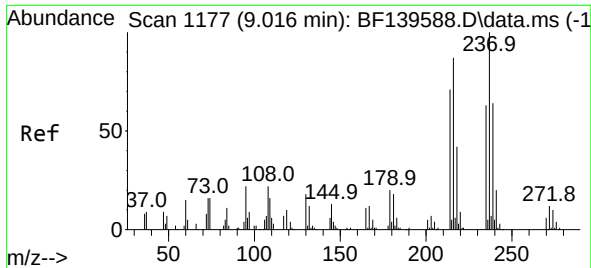
Tgt Ion:164 Resp: 270657
Ion Ratio Lower Upper
164 100
162 98.8 79.4 119.0
160 43.3 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.085 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Tgt Ion:216 Resp: 293755
Ion Ratio Lower Upper
216 100
214 79.4 63.7 95.5
179 21.8 16.9 25.3
108 21.7 15.4 23.2

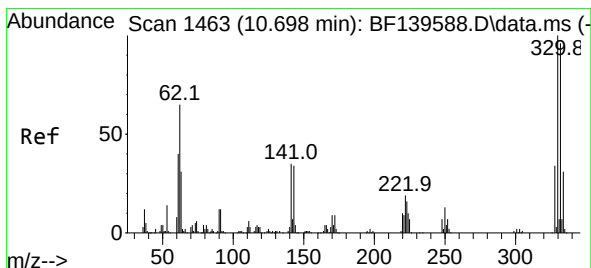
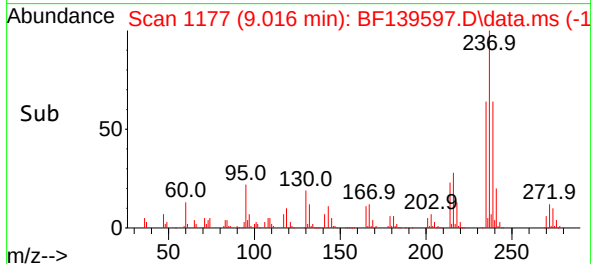
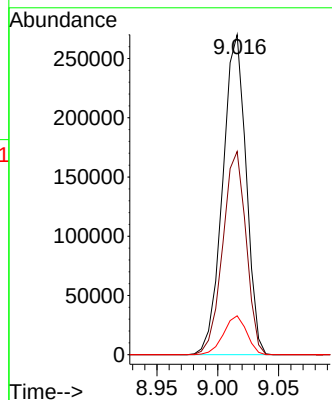
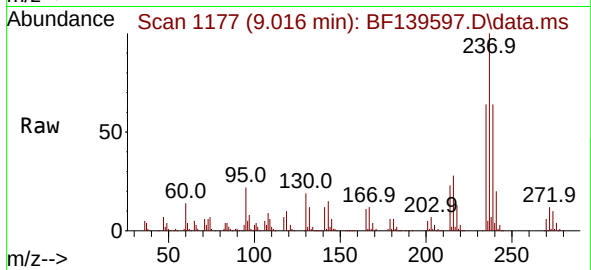




#41
Hexachlorocyclopentadiene
Concen: 156.816 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

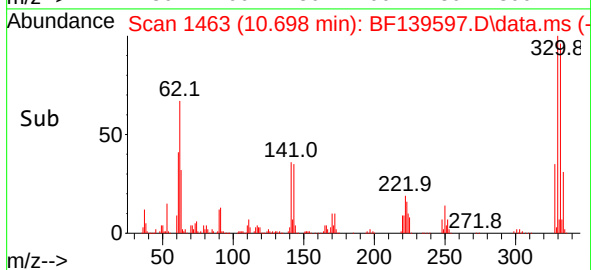
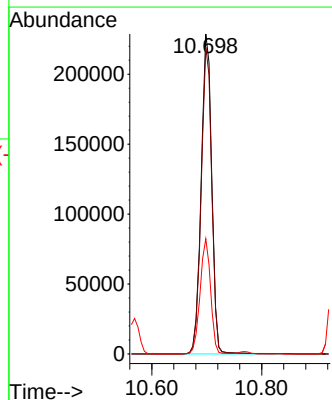
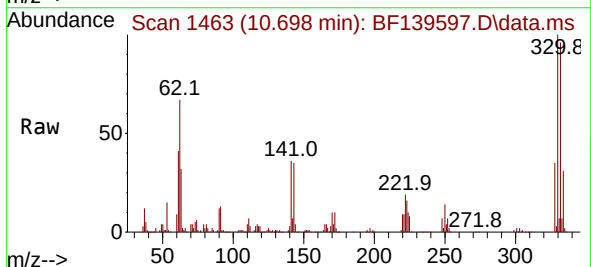
Instrument :
BNA_F
ClientSampleId :
PB163784BS

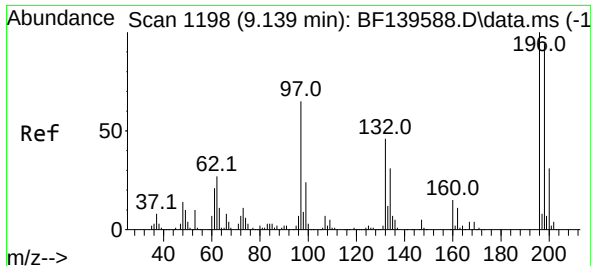
Tgt Ion:237 Resp: 361388
Ion Ratio Lower Upper
237 100
235 63.5 42.5 82.5
272 12.1 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 117.428 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Tgt Ion:330 Resp: 306811
Ion Ratio Lower Upper
330 100
332 95.4 76.5 114.7
141 35.6 29.3 43.9

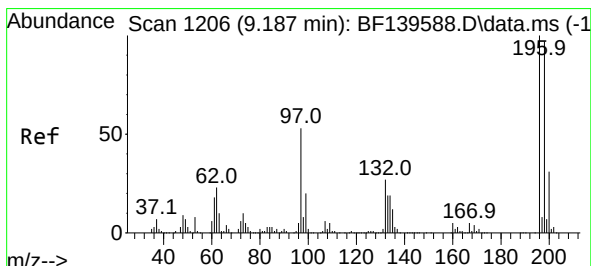
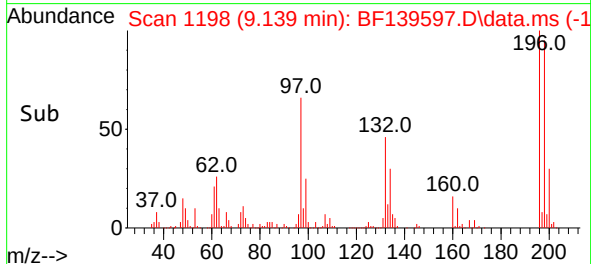
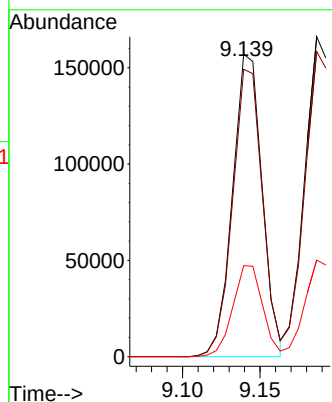
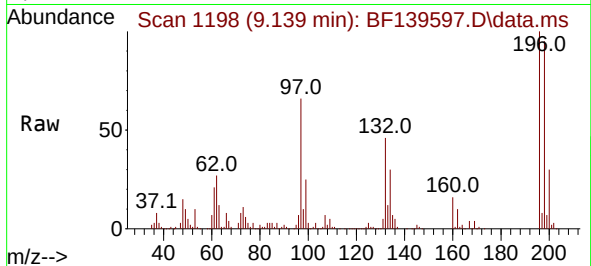




#43
2,4,6-Trichlorophenol
Concen: 41.181 ng
RT: 9.139 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

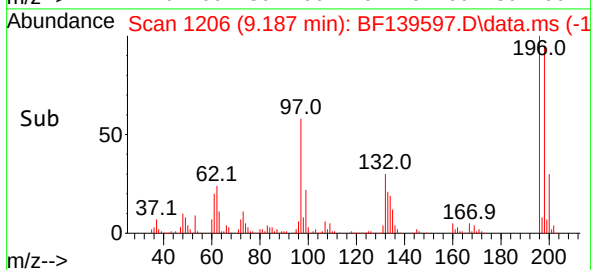
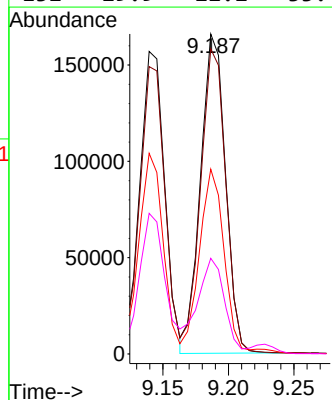
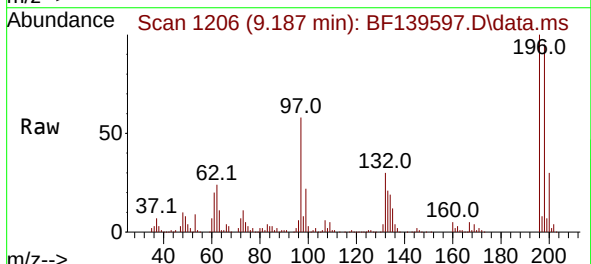
Instrument :
BNA_F
ClientSampleId :
PB163784BS

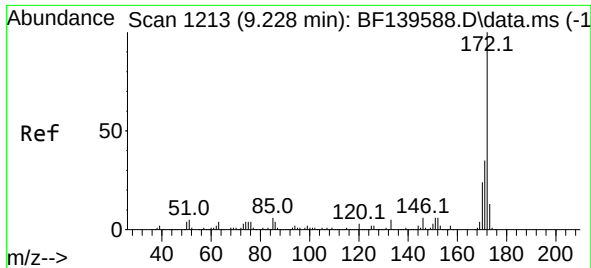
Tgt Ion:196 Resp: 208648
Ion Ratio Lower Upper
196 100
198 94.9 75.2 112.8
200 30.1 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 40.244 ng
RT: 9.187 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Tgt Ion:196 Resp: 219887
Ion Ratio Lower Upper
196 100
198 95.3 77.5 116.3
97 57.7 43.1 64.7
132 29.9 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 75.271 ng

RT: 9.228 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB163784BS

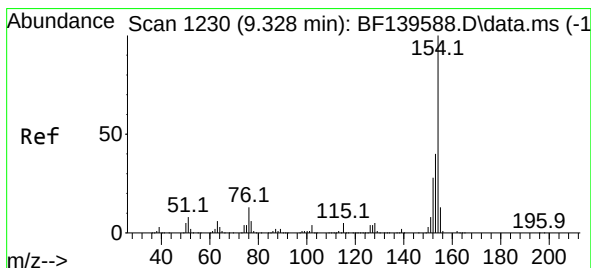
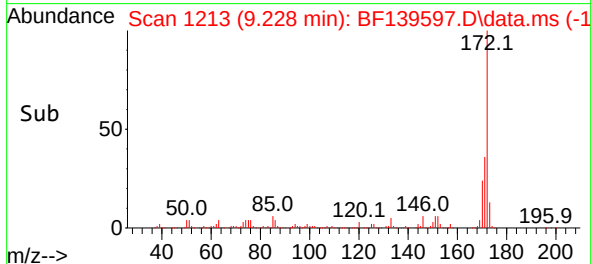
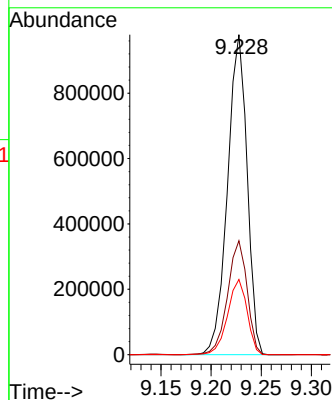
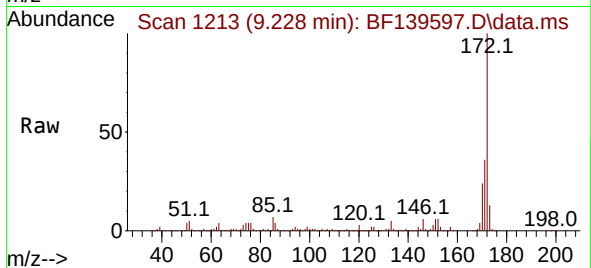
Tgt Ion:172 Resp: 1327049

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 39.544 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

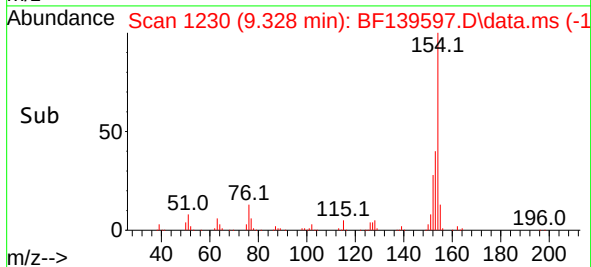
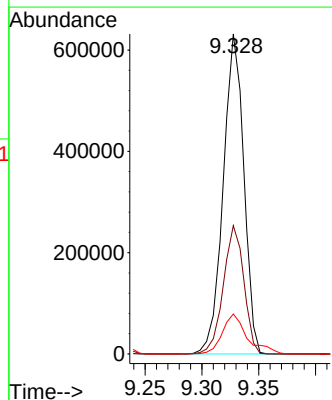
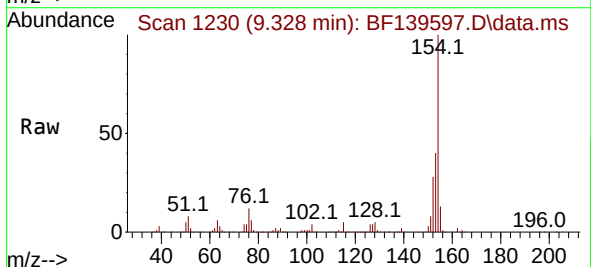
Tgt Ion:154 Resp: 796035

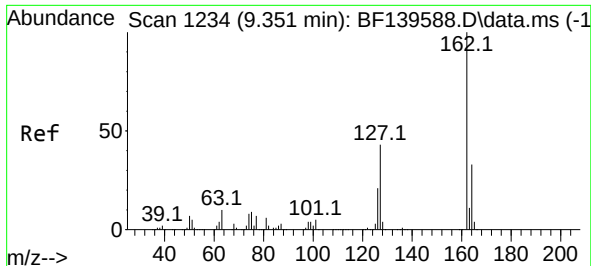
Ion Ratio Lower Upper

154 100

153 40.1 20.1 60.1

76 12.5 0.0 32.6

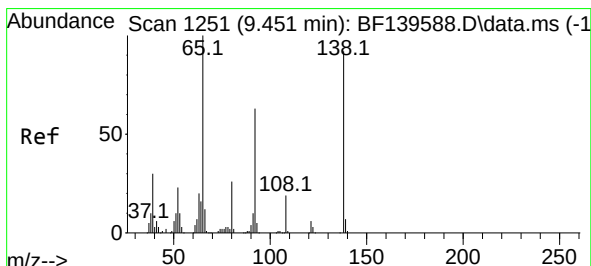
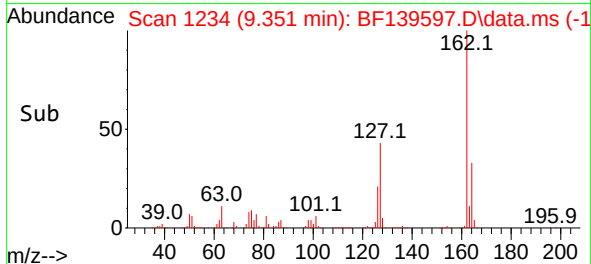
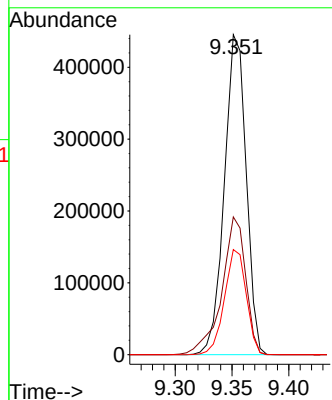
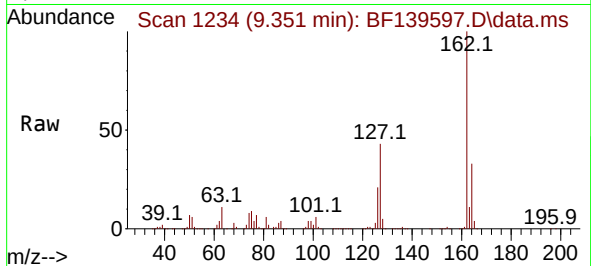




#47
2-Chloronaphthalene
Concen: 39.475 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

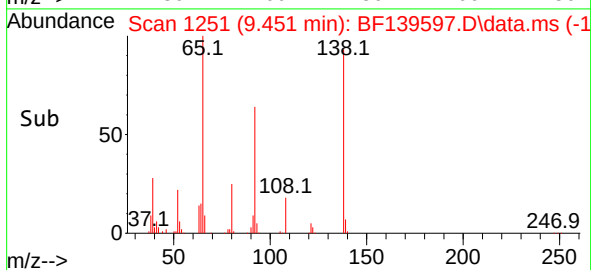
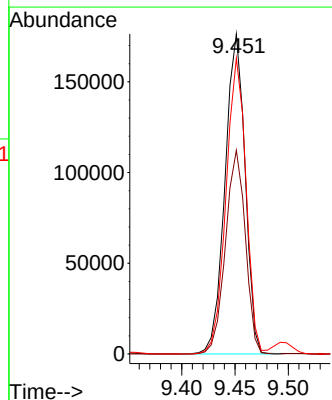
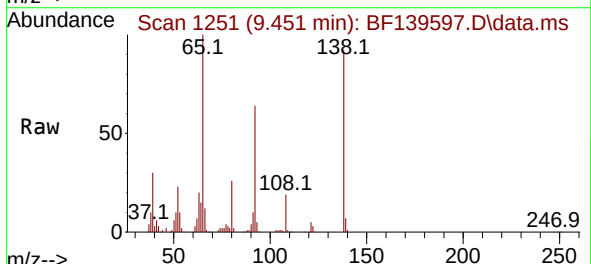
Instrument :
BNA_F
ClientSampleId :
PB163784BS

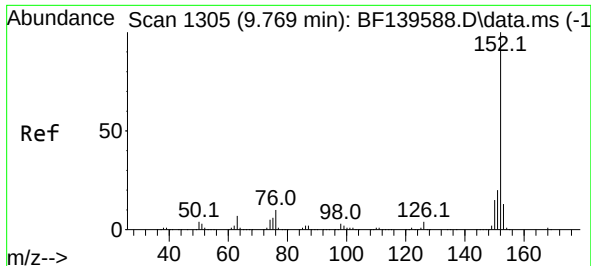
Tgt Ion:162 Resp: 595738
Ion Ratio Lower Upper
162 100
127 43.1 35.0 52.4
164 32.8 26.1 39.1



#48
2-Nitroaniline
Concen: 42.606 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

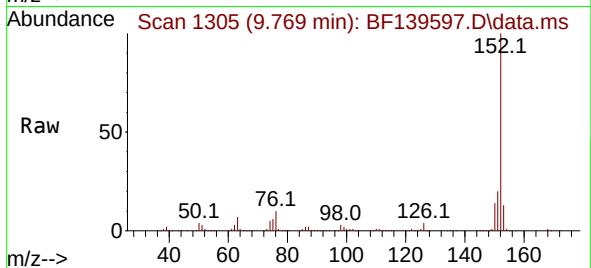
Tgt Ion: 65 Resp: 230810
Ion Ratio Lower Upper
65 100
92 63.7 50.0 75.0
138 92.5 73.8 110.8



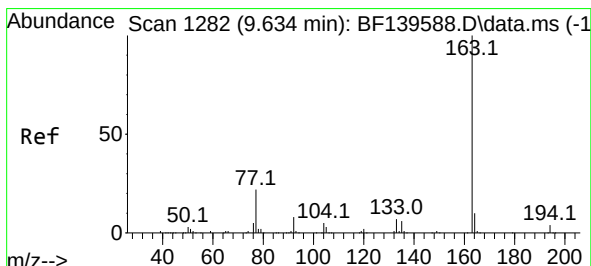
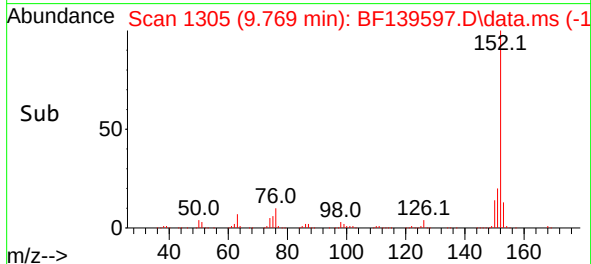
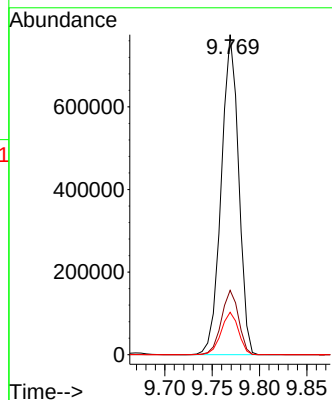


#49
Acenaphthylene
Concen: 43.078 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Instrument :
BNA_F
ClientSampleId :
PB163784BS

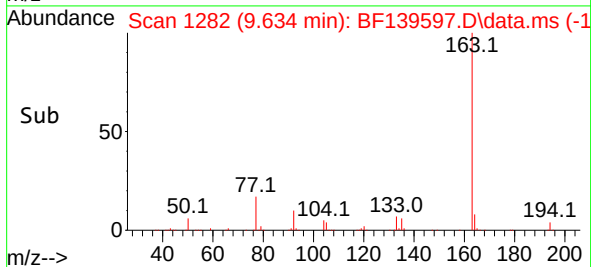
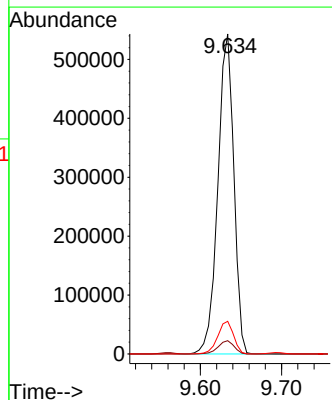
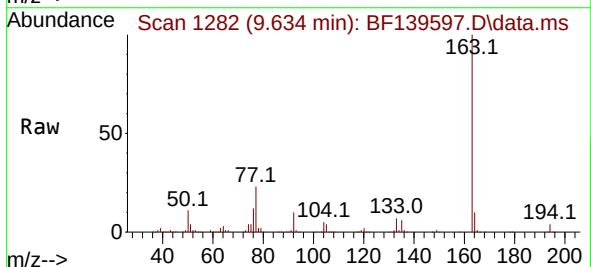


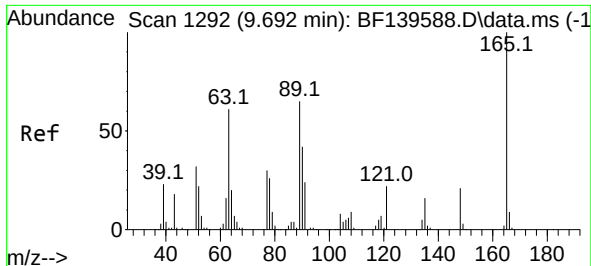
Tgt Ion:152 Resp: 988658
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 41.981 ng
RT: 9.634 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Tgt Ion:163 Resp: 743799
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.1 12.1

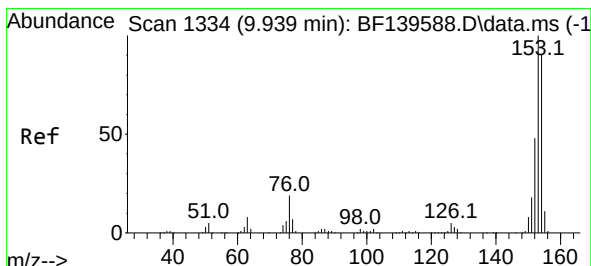
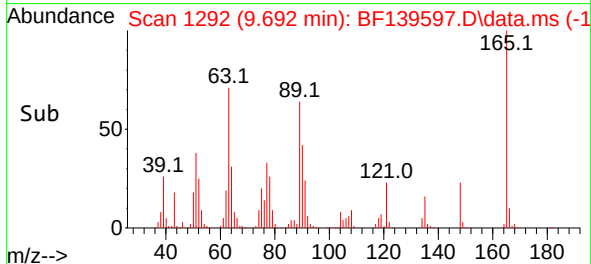
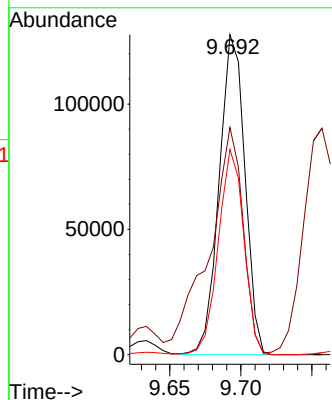
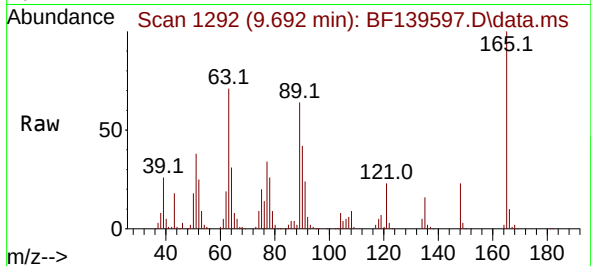




#51
2,6-Dinitrotoluene
Concen: 40.166 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

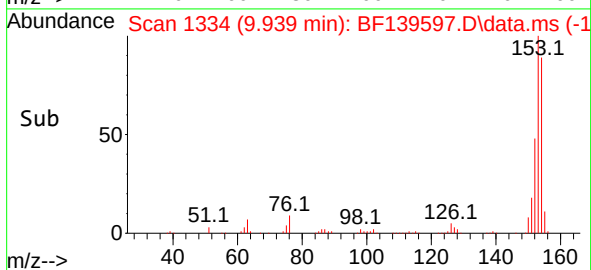
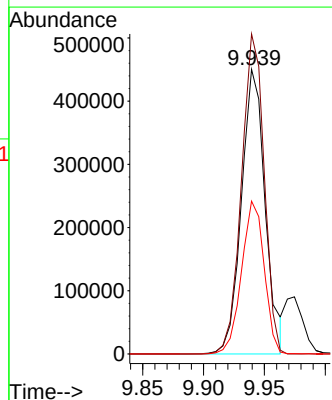
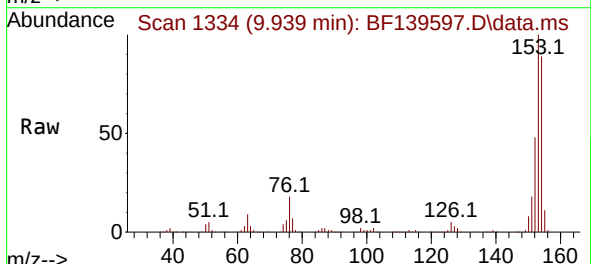
Instrument :
BNA_F
ClientSampleId :
PB163784BS

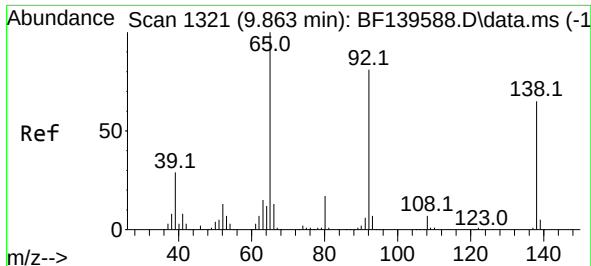
Tgt Ion:165 Resp: 160755
Ion Ratio Lower Upper
165 100
63 71.0 56.7 85.1
89 64.1 51.6 77.4



#52
Acenaphthene
Concen: 38.770 ng
RT: 9.939 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Tgt Ion:154 Resp: 610840
Ion Ratio Lower Upper
154 100
153 112.5 88.8 133.2
152 53.7 42.5 63.7

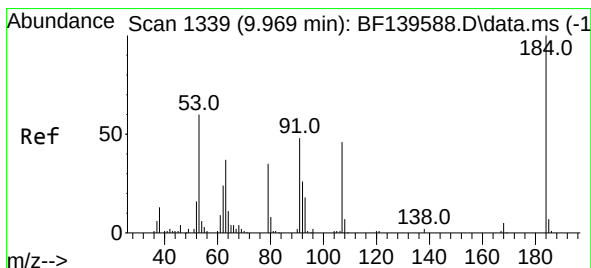
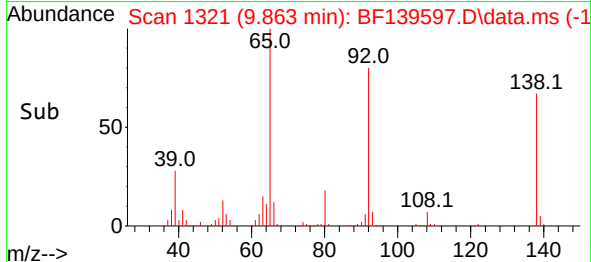
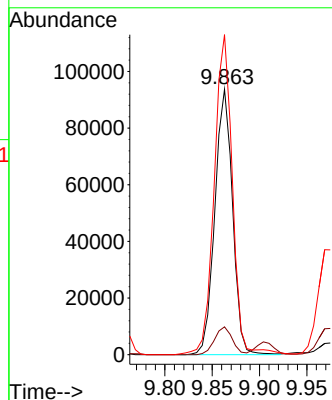
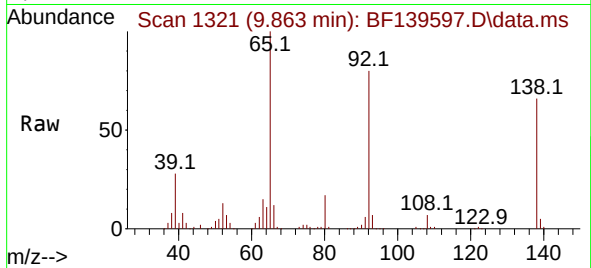




#53
3-Nitroaniline
Concen: 29.870 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

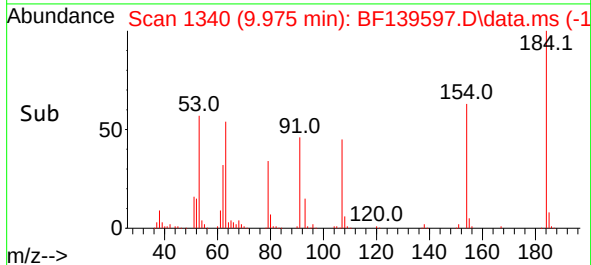
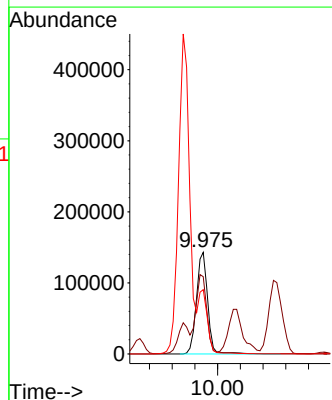
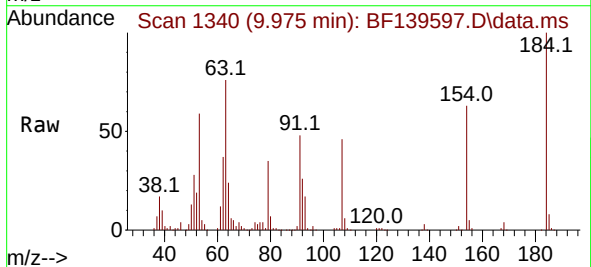
Instrument :
BNA_F
ClientSampleId :
PB163784BS

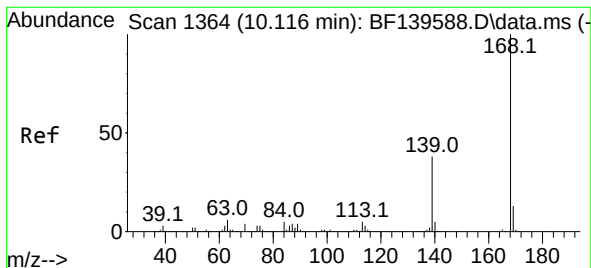
Tgt Ion:138 Resp: 122170
Ion Ratio Lower Upper
138 100
108 10.5 8.8 13.2
92 120.5 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 91.638 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Tgt Ion:184 Resp: 197269
Ion Ratio Lower Upper
184 100
63 76.0 61.7 92.5
154 63.2 53.0 79.4





#55

Dibenzenofuran

Concen: 40.603 ng

RT: 10.116 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB163784BS

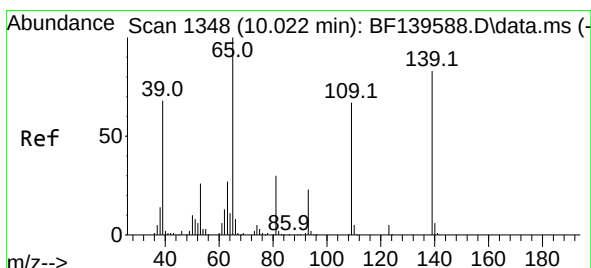
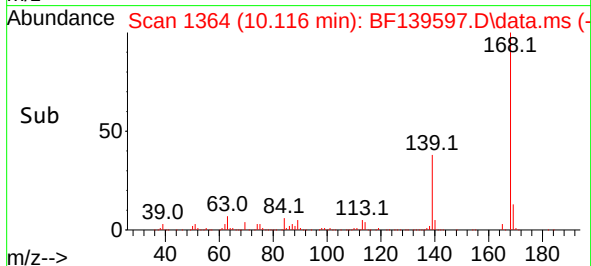
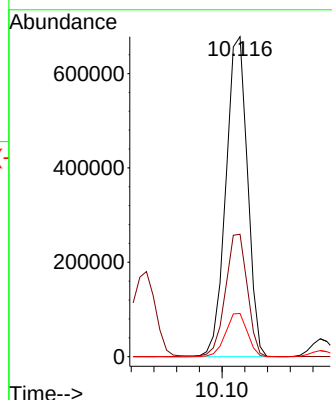
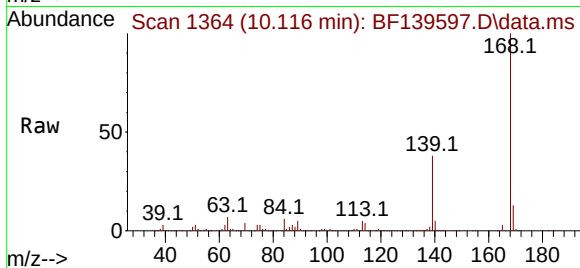
Tgt Ion:168 Resp: 895699

Ion Ratio Lower Upper

168 100

139 38.2 30.4 45.6

169 13.5 10.7 16.1



#56

4-Nitrophenol

Concen: 85.670 ng

RT: 10.034 min Scan# 1350

Delta R.T. 0.012 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

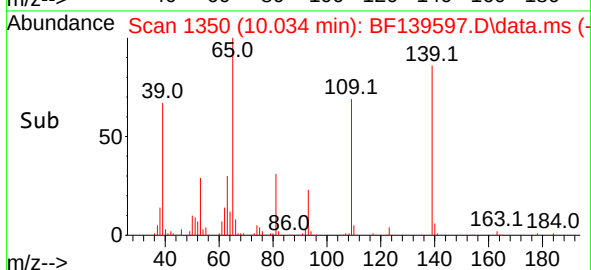
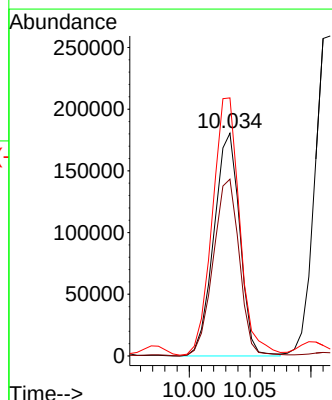
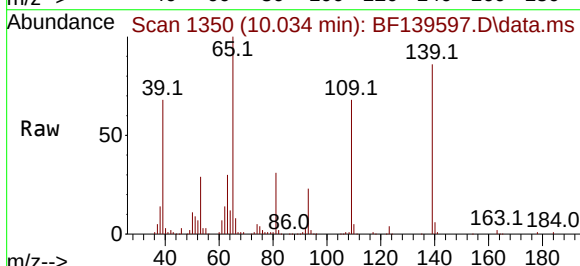
Tgt Ion:139 Resp: 267202

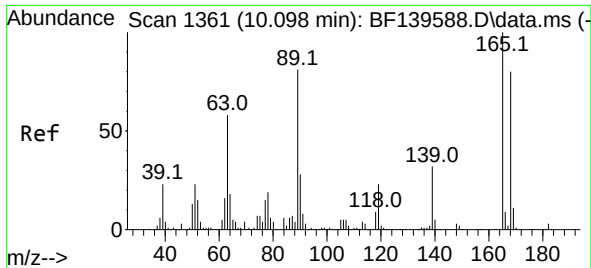
Ion Ratio Lower Upper

139 100

109 79.4 60.3 100.3

65 115.9 100.8 140.8

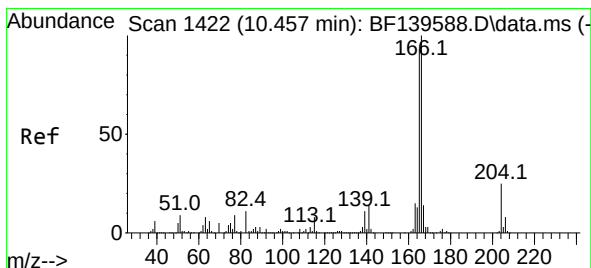
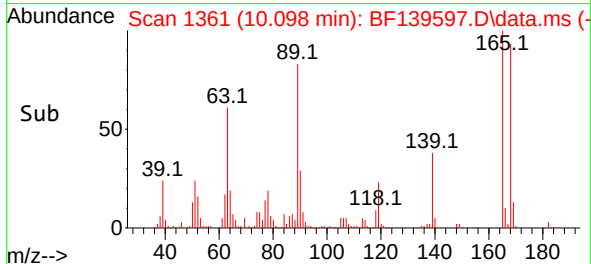
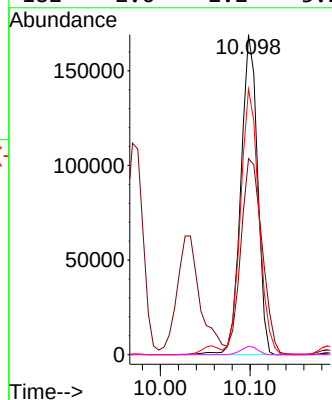
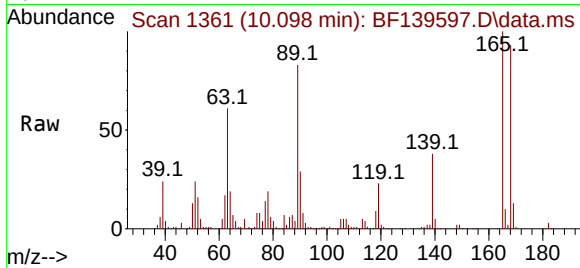




#57
2,4-Dinitrotoluene
Concen: 41.745 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

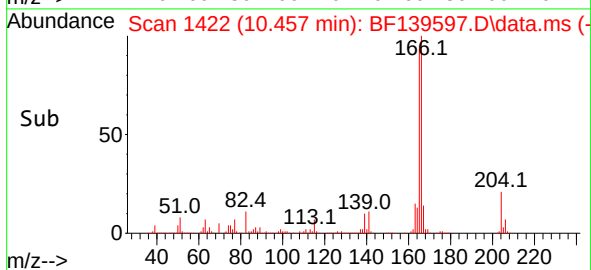
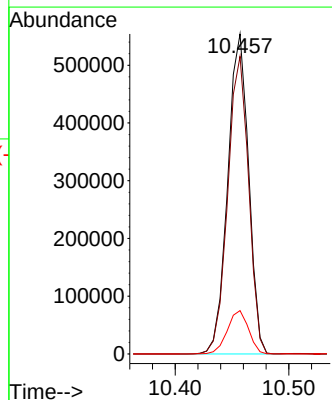
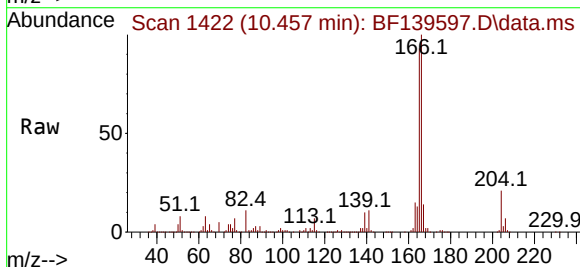
Instrument :
BNA_F
ClientSampleId :
PB163784BS

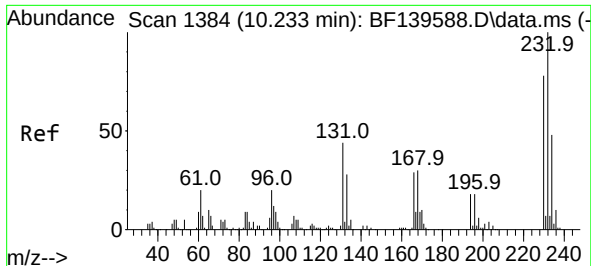
Tgt Ion:165 Resp: 218390
Ion Ratio Lower Upper
165 100
63 61.2 46.9 70.3
89 83.0 64.4 96.6
182 2.6 2.2 3.2



#58
Fluorene
Concen: 40.286 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Tgt Ion:166 Resp: 707842
Ion Ratio Lower Upper
166 100
165 93.0 74.4 111.6
167 13.6 10.9 16.3



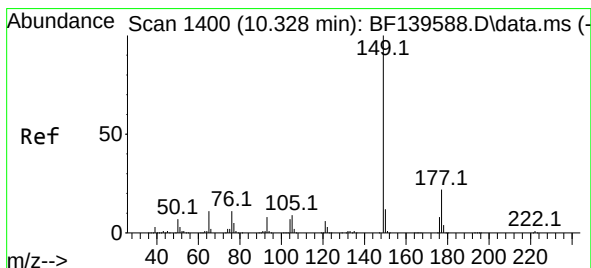
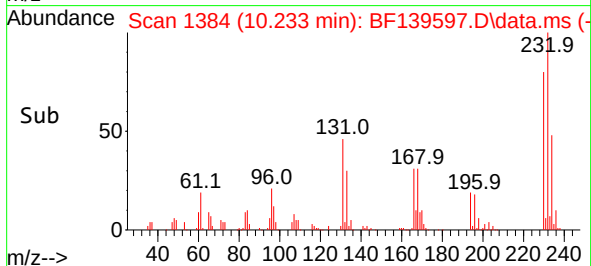
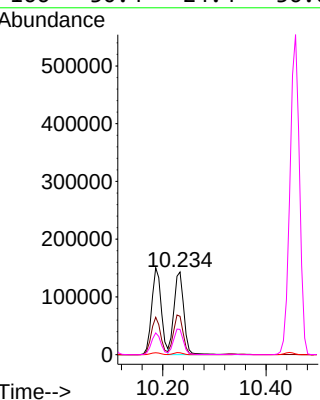
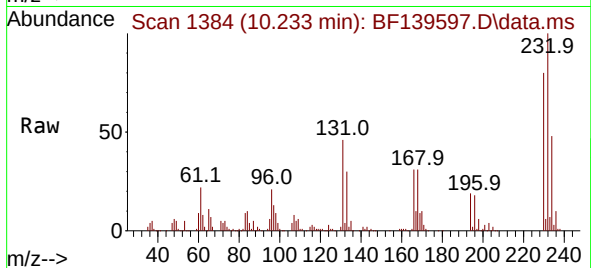


#59
2,3,4,6-Tetrachlorophenol
Concen: 42.882 ng
RT: 10.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Instrument :
BNA_F
ClientSampleId :
PB163784BS

Tgt Ion:232 Resp: 189241

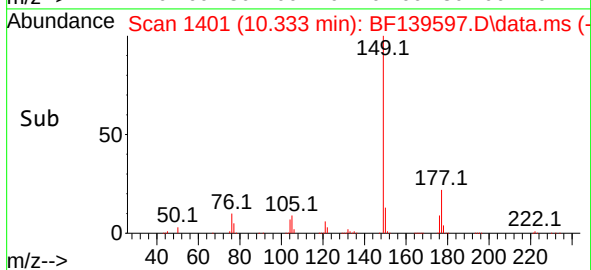
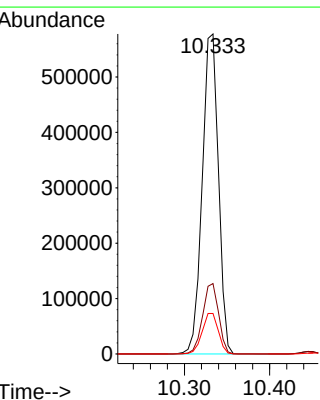
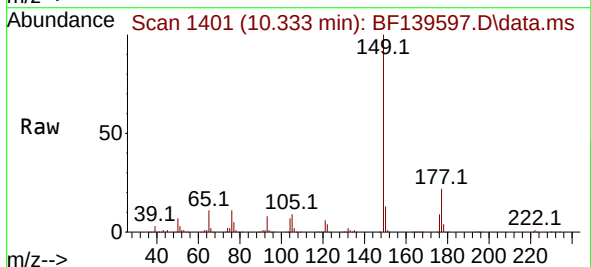
Ion	Ratio	Lower	Upper
232	100		
131	47.2	37.8	56.6
130	2.4	1.9	2.9
166	30.4	24.4	36.6

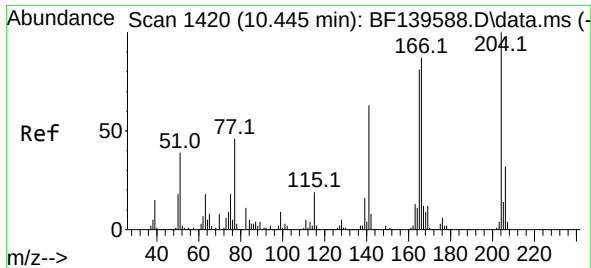


#60
Diethylphthalate
Concen: 41.618 ng
RT: 10.333 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Tgt Ion:149 Resp: 761617

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.0
150	12.6	10.0	15.0

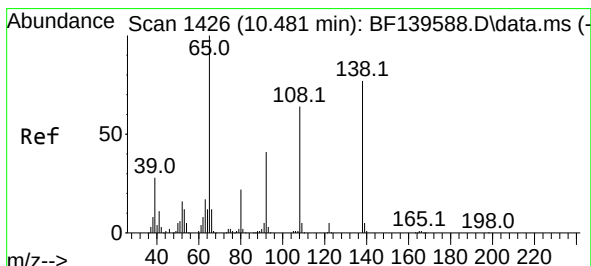
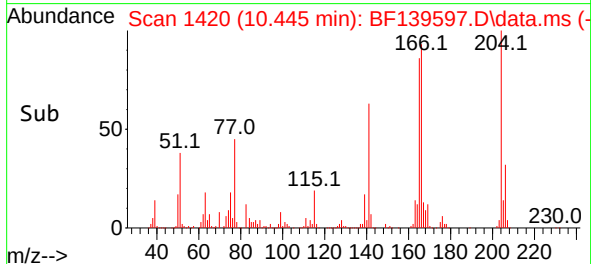
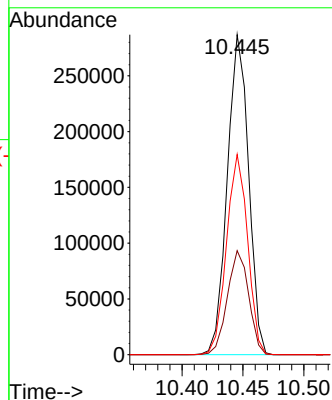
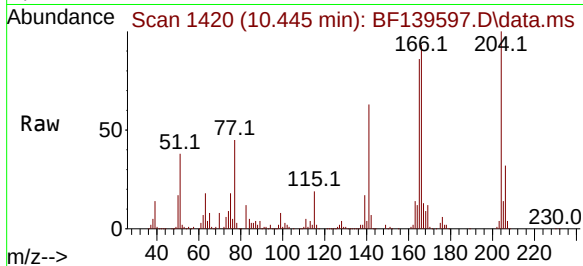




#61
4-Chlorophenyl-phenylether
Concen: 39.796 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

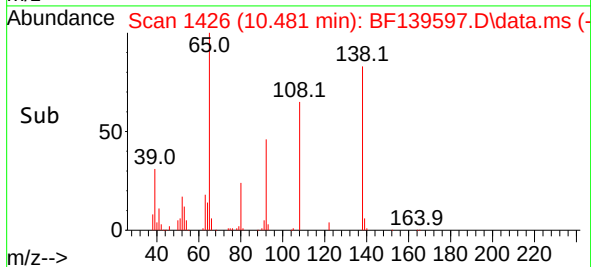
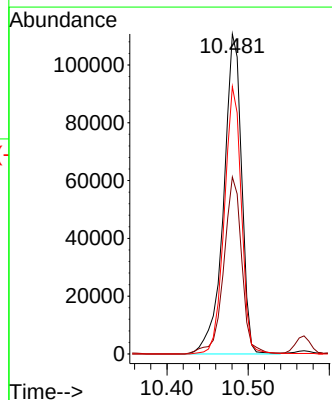
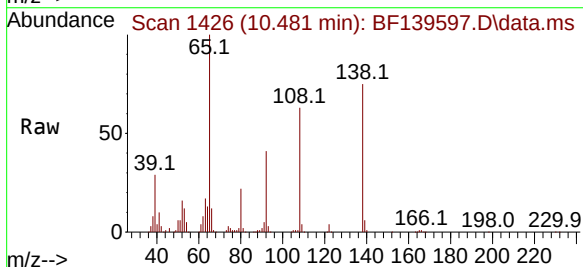
Instrument :
BNA_F
ClientSampleId :
PB163784BS

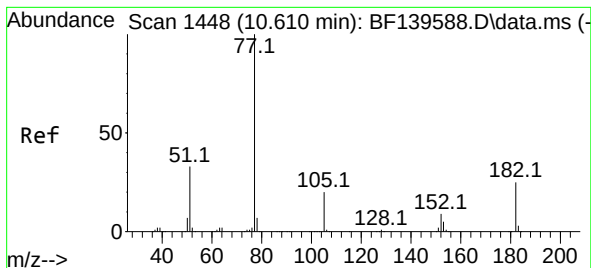
Tgt Ion:204 Resp: 349816
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 62.5 50.5 75.7



#62
4-Nitroaniline
Concen: 40.774 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Tgt Ion:138 Resp: 170581
Ion Ratio Lower Upper
138 100
92 55.3 33.3 73.3
108 83.5 62.1 102.1





#63

Azobenzene

Concen: 42.306 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB163784BS

Tgt Ion: 77 Resp: 778580

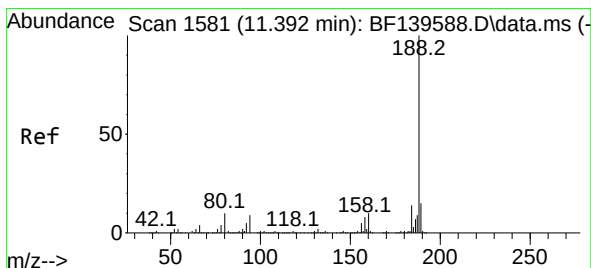
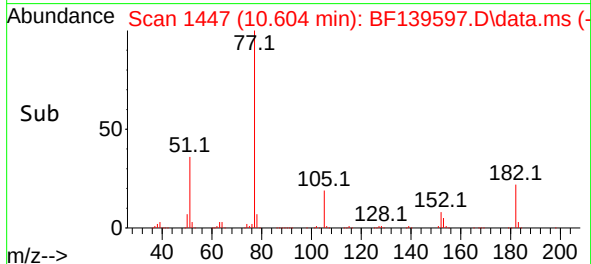
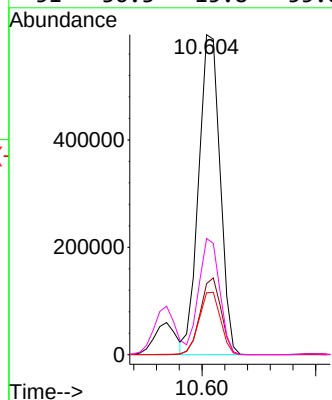
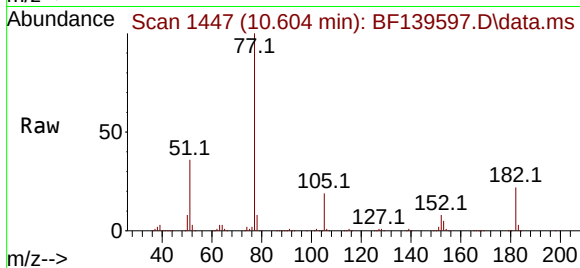
Ion Ratio Lower Upper

77 100

182 22.2 4.2 44.2

105 19.3 0.0 39.6

51 36.3 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

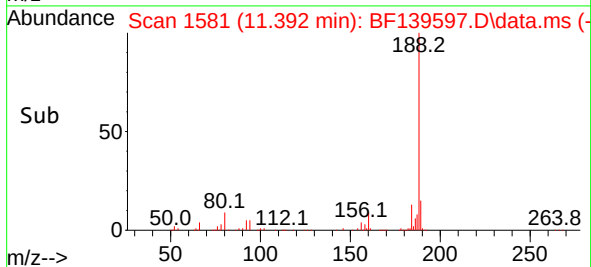
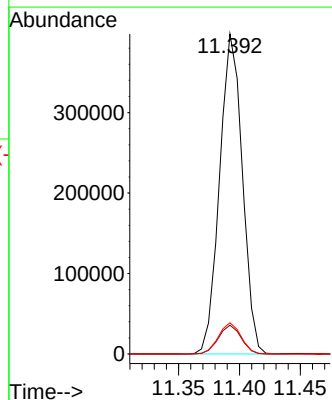
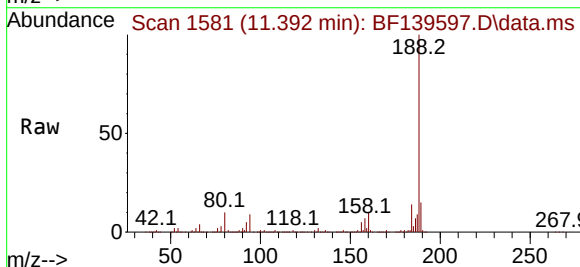
Tgt Ion: 188 Resp: 518410

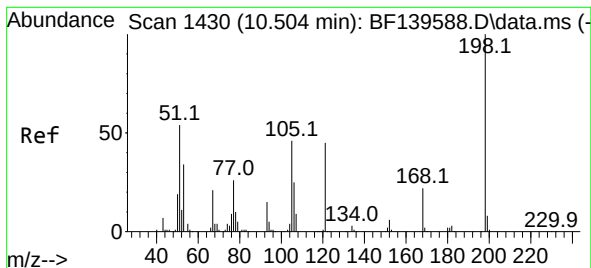
Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.7 8.2 12.2

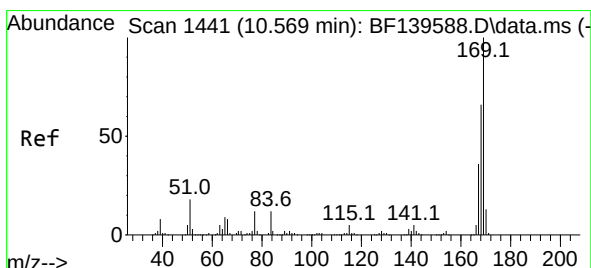
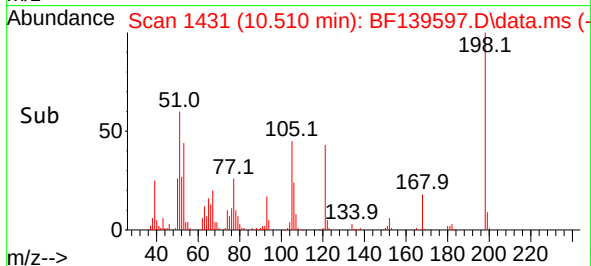
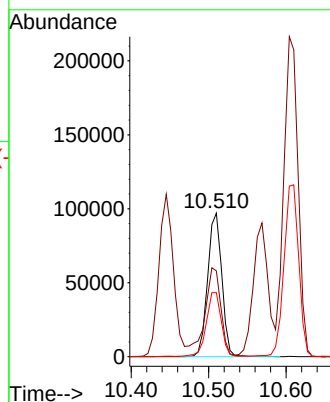
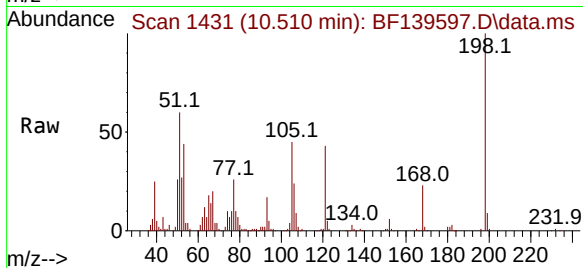




#65
4,6-Dinitro-2-methylphenol
Concen: 42.164 ng
RT: 10.510 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

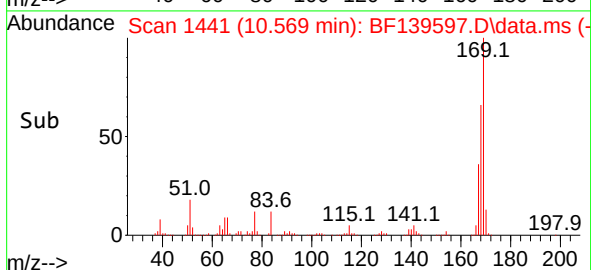
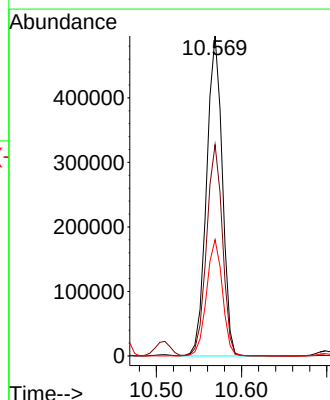
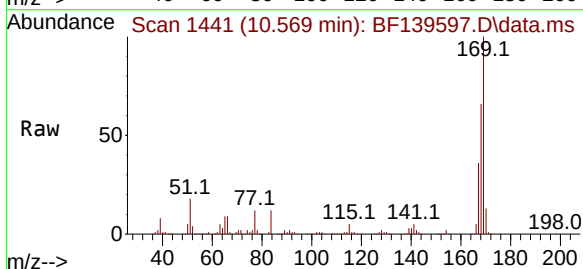
Instrument :
BNA_F
ClientSampleId :
PB163784BS

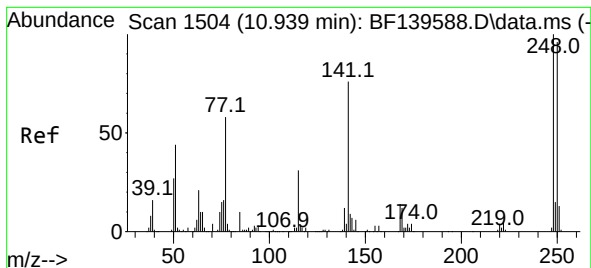
Tgt Ion:198 Resp: 123450
Ion Ratio Lower Upper
198 100
51 59.7 43.0 83.0
105 44.6 26.6 66.6



#66
n-Nitrosodiphenylamine
Concen: 41.613 ng
RT: 10.569 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Tgt Ion:169 Resp: 635874
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 36.4 28.6 43.0

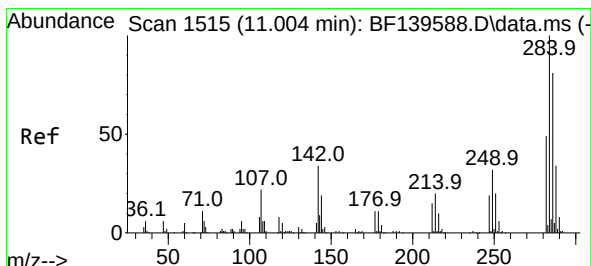
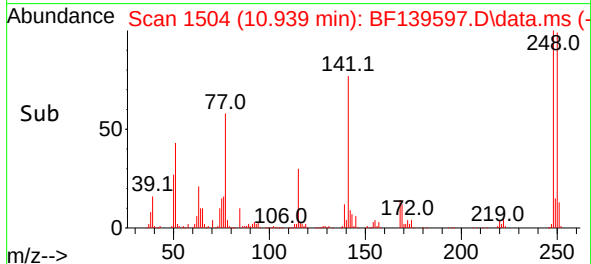
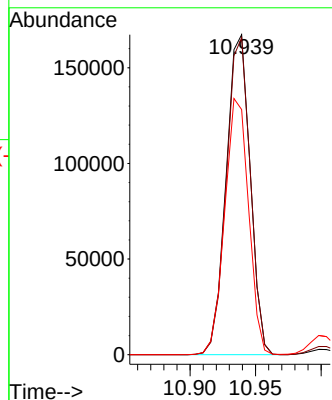
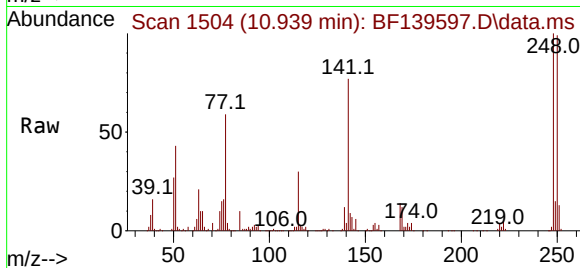




#67
4-Bromophenyl-phenylether
Concen: 40.212 ng
RT: 10.939 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

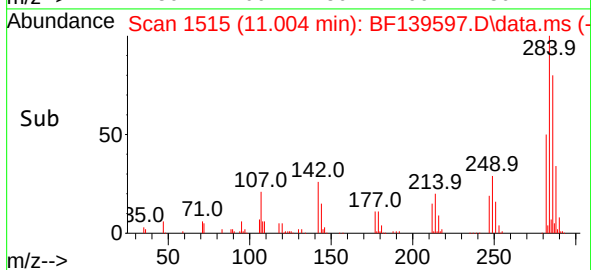
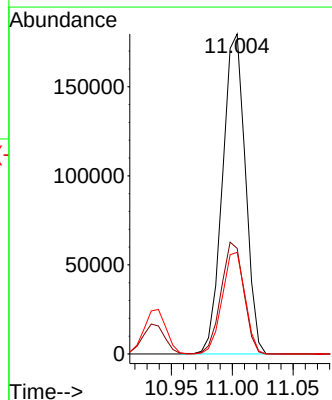
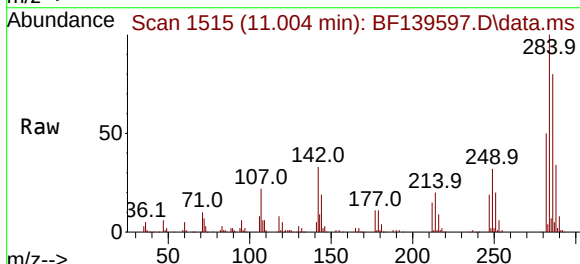
Instrument :
BNA_F
ClientSampleId :
PB163784BS

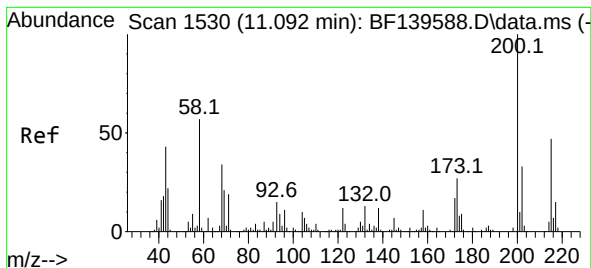
Tgt Ion:248 Resp: 213739
Ion Ratio Lower Upper
248 100
250 99.0 77.1 115.7
141 76.6 60.4 90.6



#68
Hexachlorobenzene
Concen: 39.761 ng
RT: 11.004 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF139597.D
Acq: 02 Oct 2024 10:42

Tgt Ion:284 Resp: 234513
Ion Ratio Lower Upper
284 100
142 33.0 26.9 40.3
249 31.8 25.4 38.0





#69

Atrazine

Concen: 50.470 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB163784BS

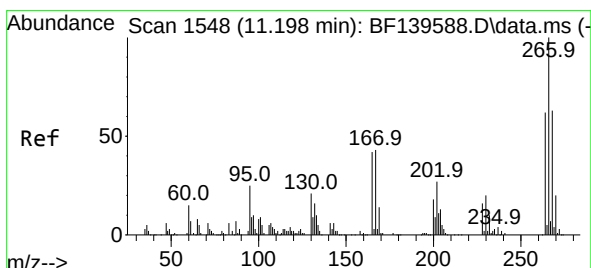
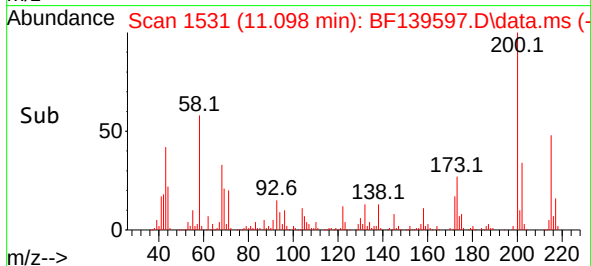
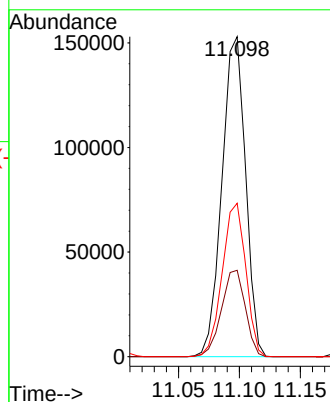
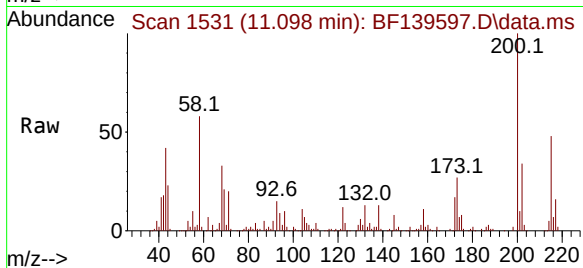
Tgt Ion:200 Resp: 206920

Ion Ratio Lower Upper

200 100

173 27.0 6.7 46.7

215 47.9 27.5 67.5



#70

Pentachlorophenol

Concen: 77.234 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

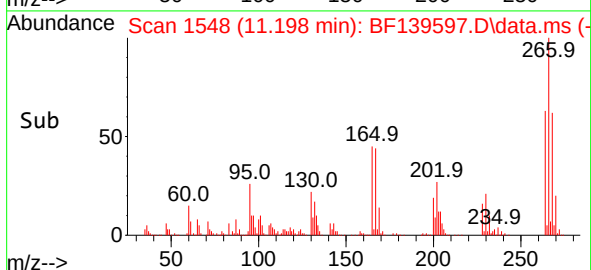
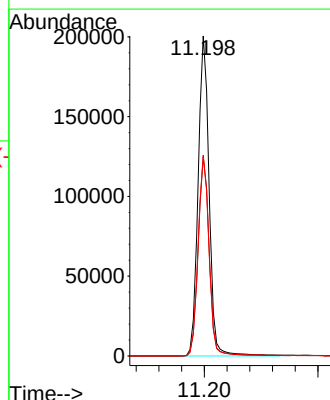
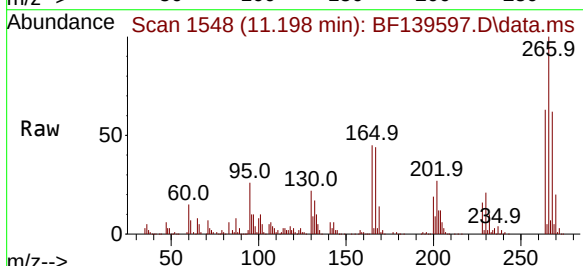
Tgt Ion:266 Resp: 271246

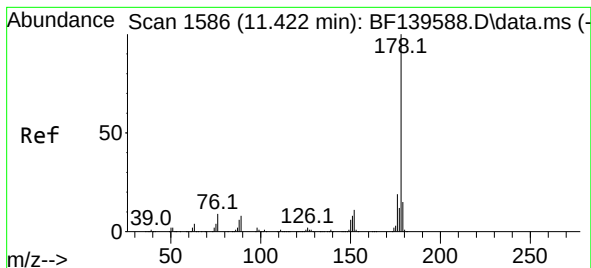
Ion Ratio Lower Upper

266 100

268 62.3 50.0 75.0

264 62.8 49.3 73.9





#71

Phenanthrene

Concen: 41.567 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB163784BS

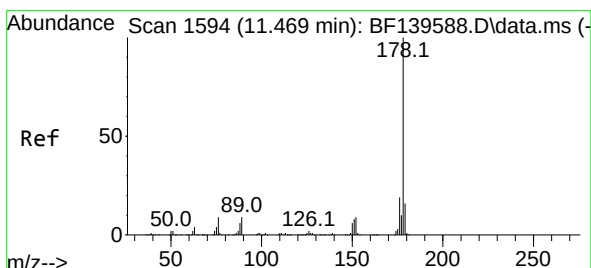
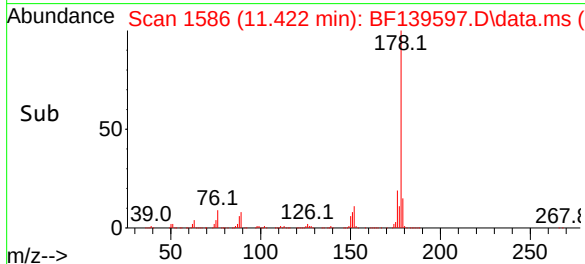
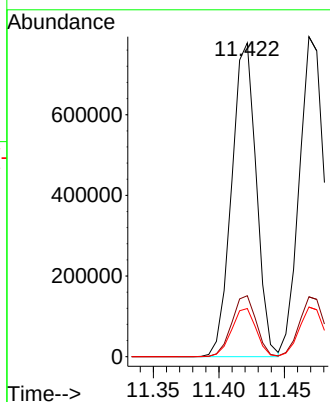
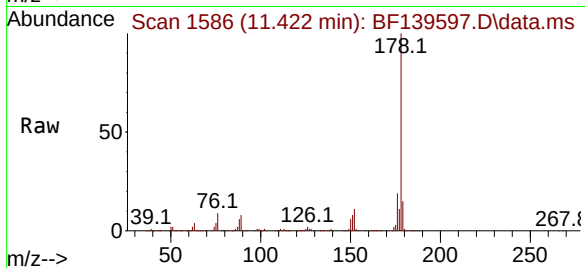
Tgt Ion:178 Resp: 1016041

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.3 12.3 18.5



#72

Anthracene

Concen: 42.726 ng

RT: 11.469 min Scan# 1594

Delta R.T. -0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

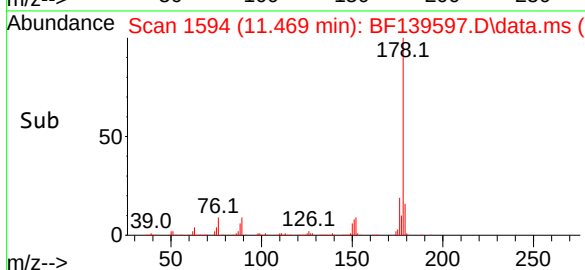
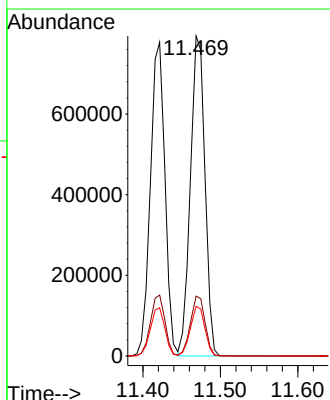
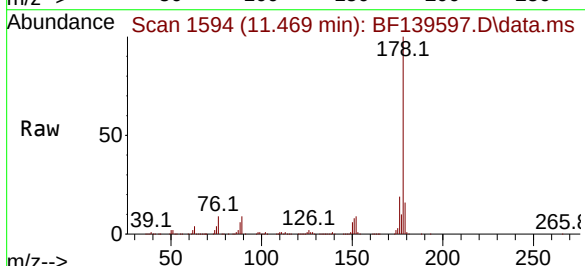
Tgt Ion:178 Resp: 1033189

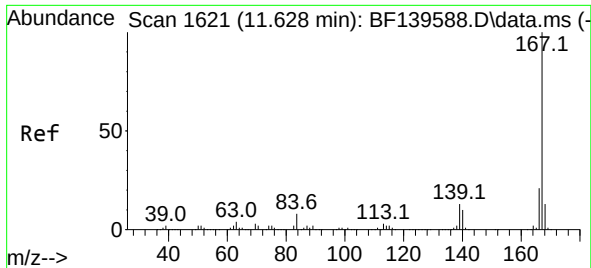
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.5 12.5 18.7

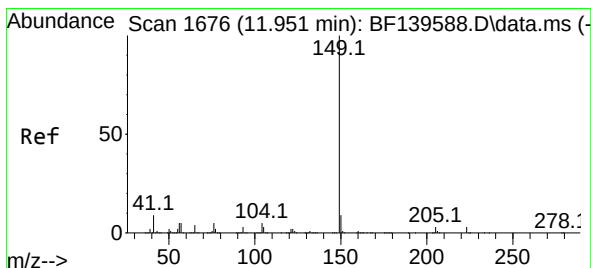
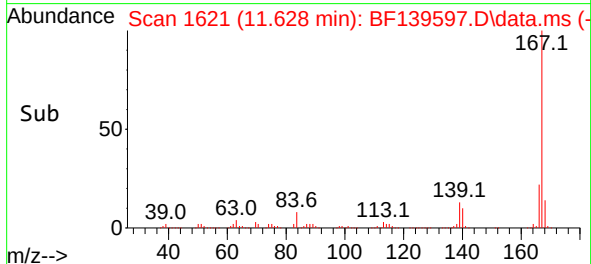
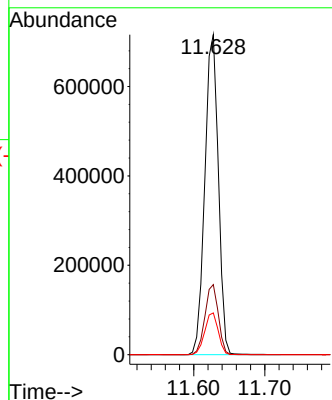
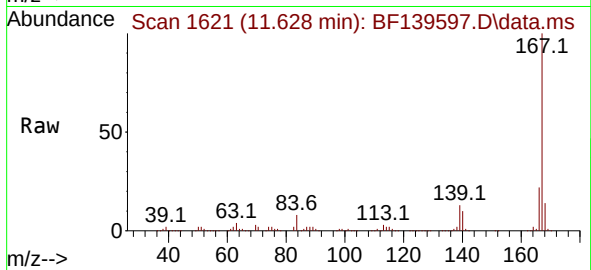




#73
 Carbazole
 Concen: 40.897 ng
 RT: 11.628 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139597.D
 Acq: 02 Oct 2024 10:42

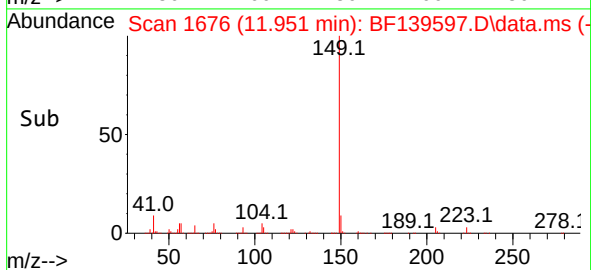
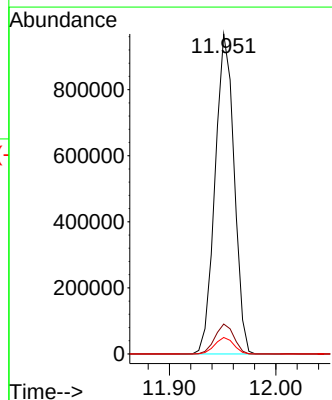
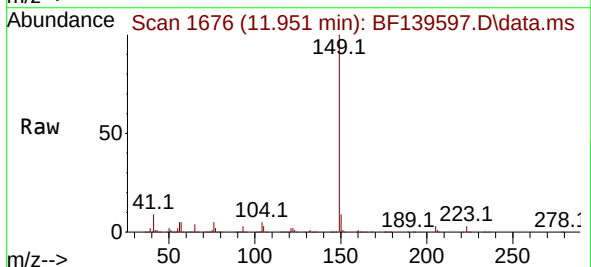
Instrument :
 BNA_F
 ClientSampleId :
 PB163784BS

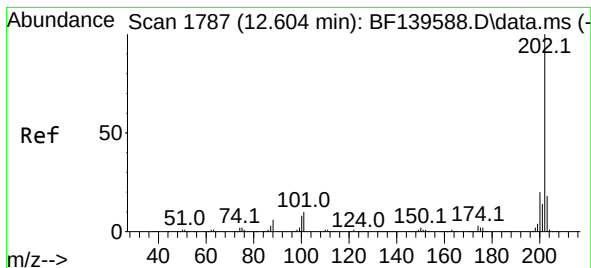
Tgt Ion:167 Resp: 949855
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 13.1 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 42.533 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF139597.D
 Acq: 02 Oct 2024 10:42

Tgt Ion:149 Resp: 1201269
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.2 4.1 6.1





#75

Fluoranthene

Concen: 40.933 ng

RT: 12.604 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB163784BS

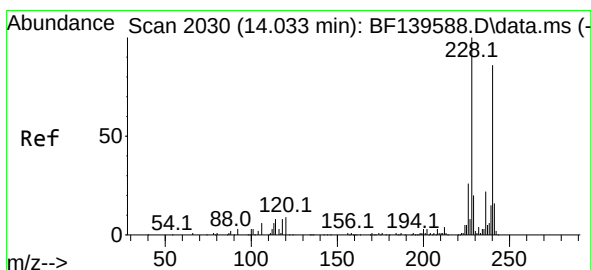
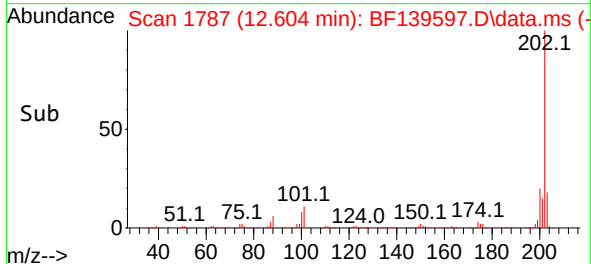
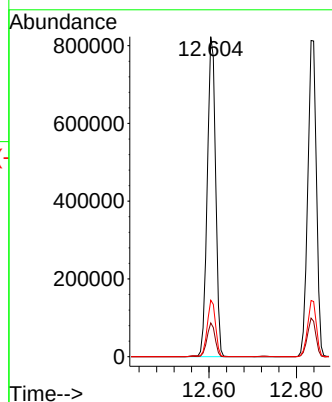
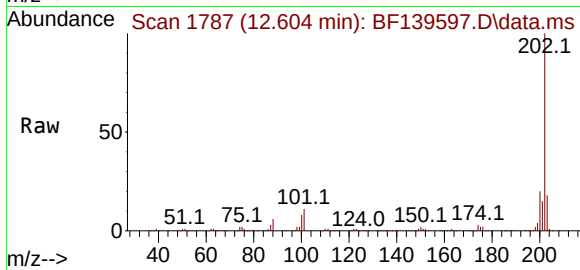
Tgt Ion:202 Resp: 1093747

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.2

203 17.6 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

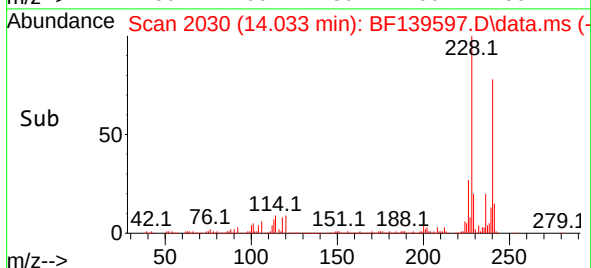
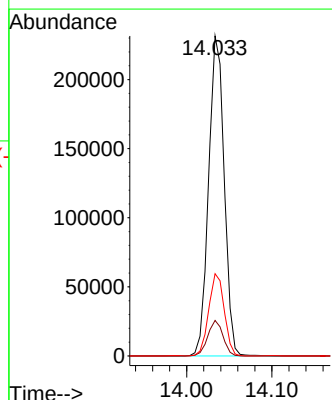
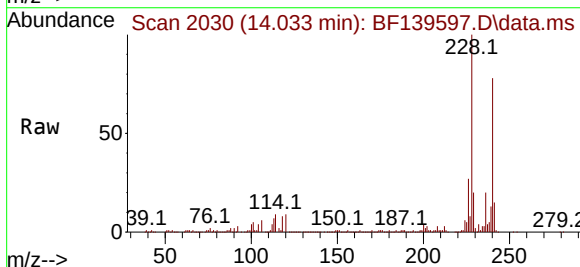
Tgt Ion:240 Resp: 293993

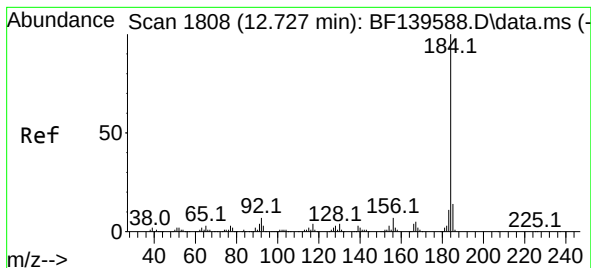
Ion Ratio Lower Upper

240 100

120 11.1 8.4 12.6

236 25.7 20.3 30.5





#77

Benzidine

Concen: 56.556 ng

RT: 12.727 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB163784BS

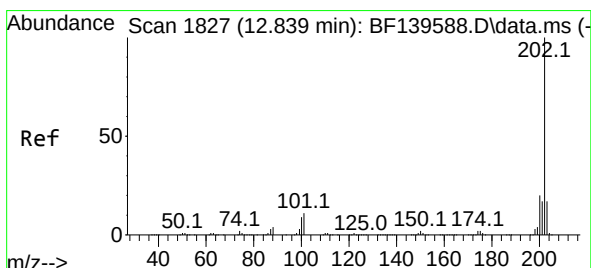
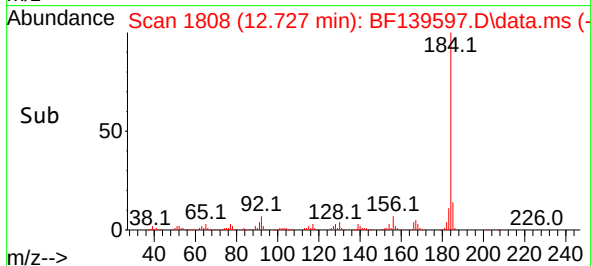
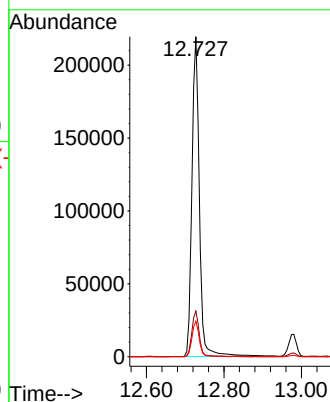
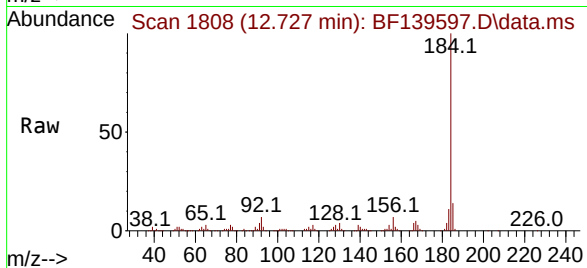
Tgt Ion:184 Resp: 293282

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.0

183 11.1 8.8 13.2



#78

Pyrene

Concen: 42.339 ng

RT: 12.833 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

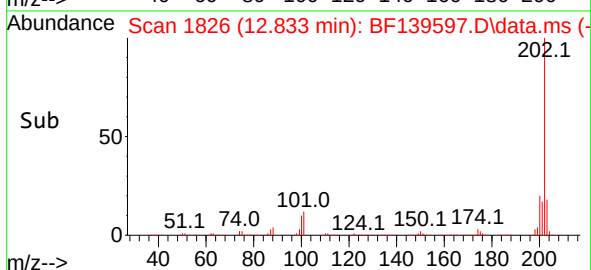
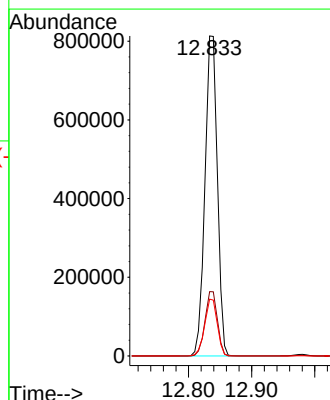
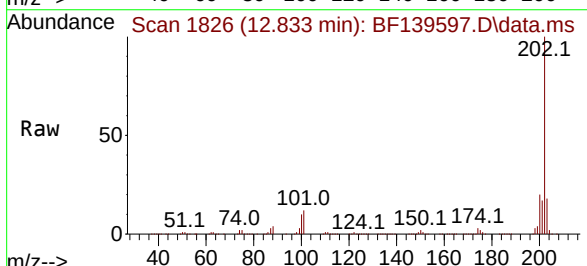
Tgt Ion:202 Resp: 1113269

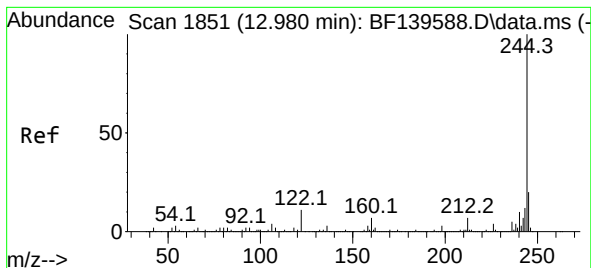
Ion Ratio Lower Upper

202 100

200 20.1 15.8 23.6

203 17.8 13.8 20.8





#79

Terphenyl-d14

Concen: 83.295 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB163784BS

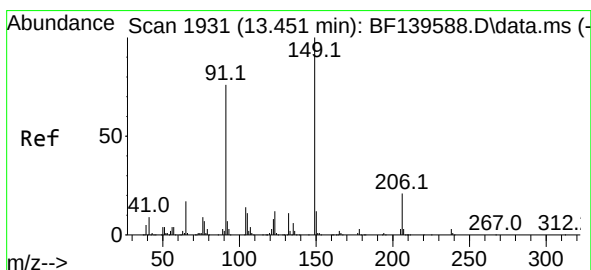
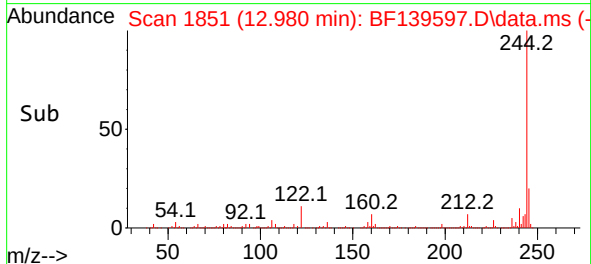
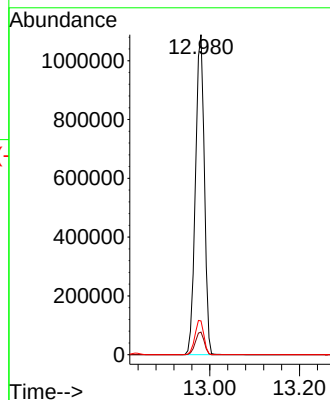
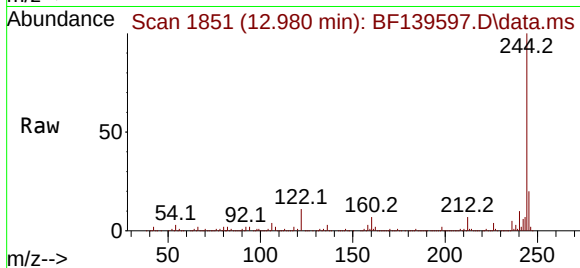
Tgt Ion:244 Resp: 1492425

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 10.6 8.6 12.8



#80

Butylbenzylphthalate

Concen: 45.985 ng

RT: 13.451 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

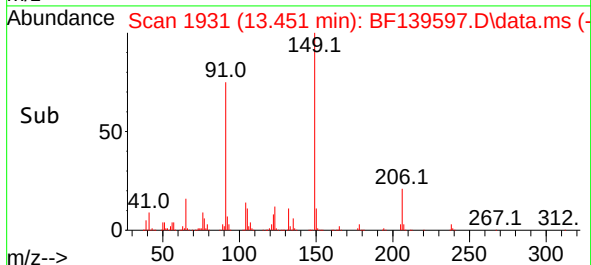
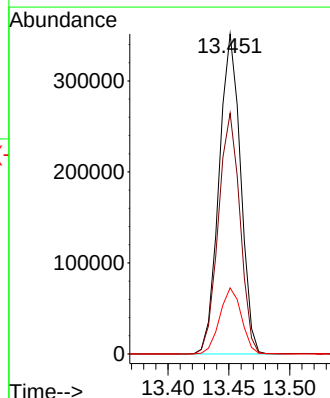
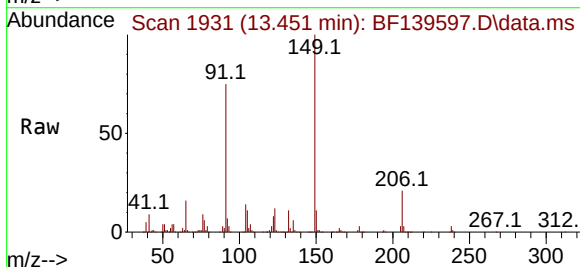
Tgt Ion:149 Resp: 432504

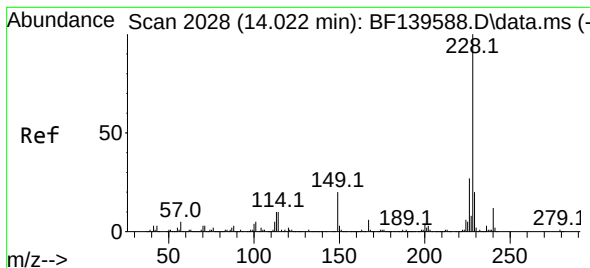
Ion Ratio Lower Upper

149 100

91 75.2 61.0 91.4

206 20.6 16.6 24.8





#81

Benzo(a)anthracene

Concen: 43.064 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB163784BS

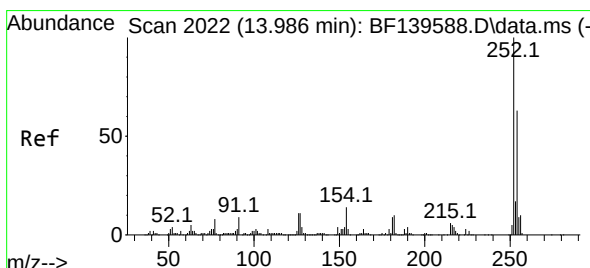
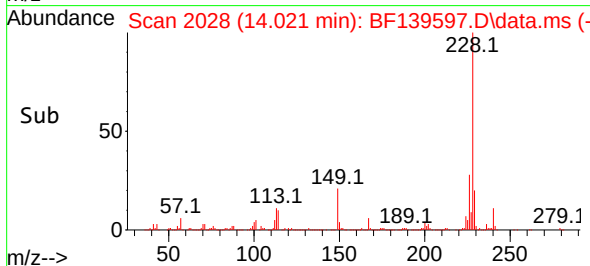
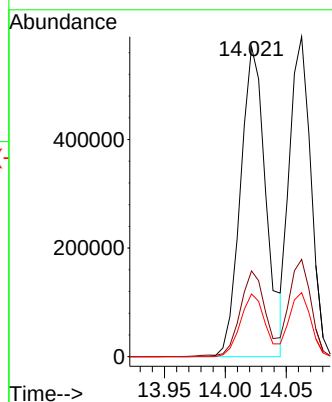
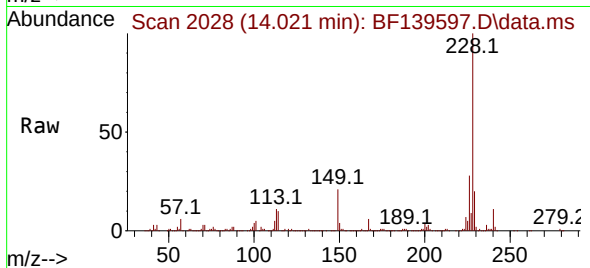
Tgt Ion:228 Resp: 832376

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.8

229 20.3 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 32.310 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

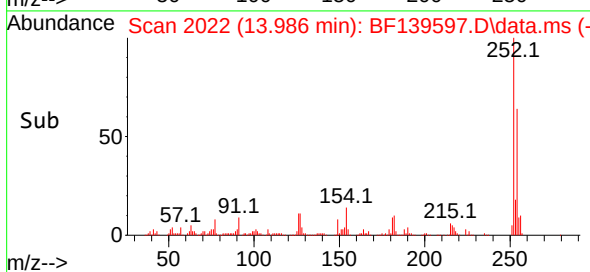
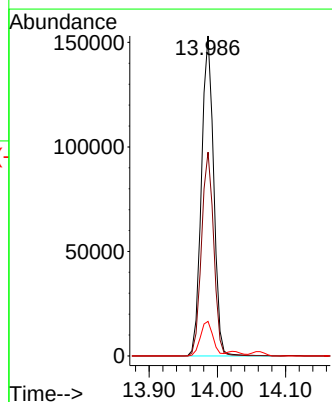
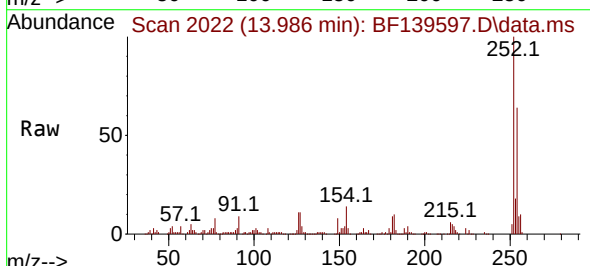
Tgt Ion:252 Resp: 191128

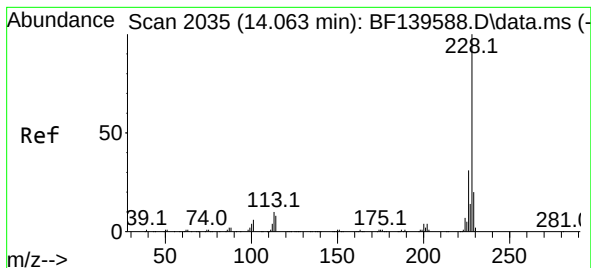
Ion Ratio Lower Upper

252 100

254 63.7 50.5 75.7

126 10.8 8.8 13.2





#83

Chrysene

Concen: 40.474 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB163784BS

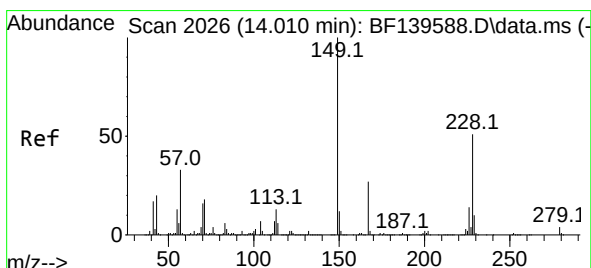
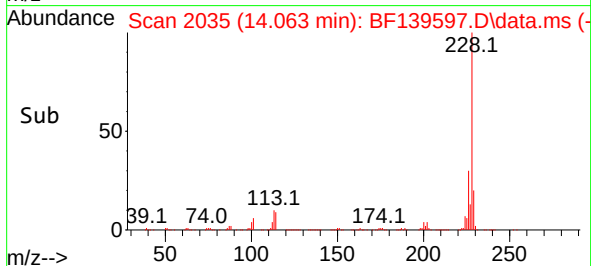
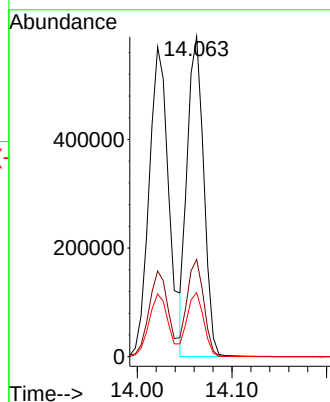
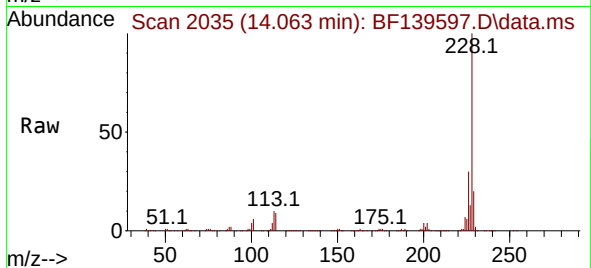
Tgt Ion:228 Resp: 715240

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 20.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.995 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

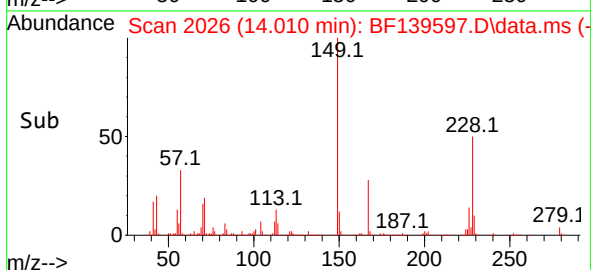
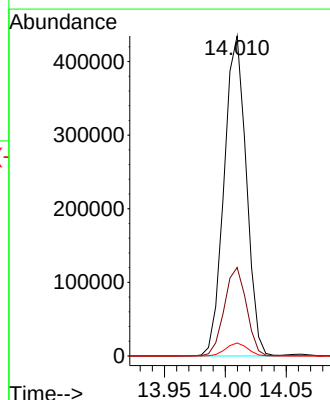
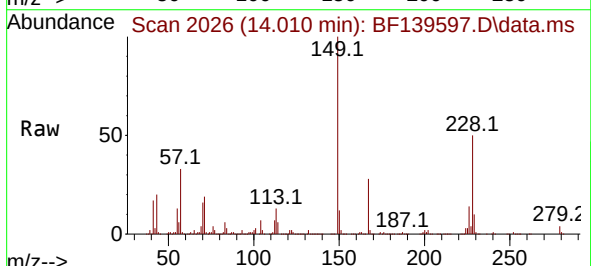
Tgt Ion:149 Resp: 551932

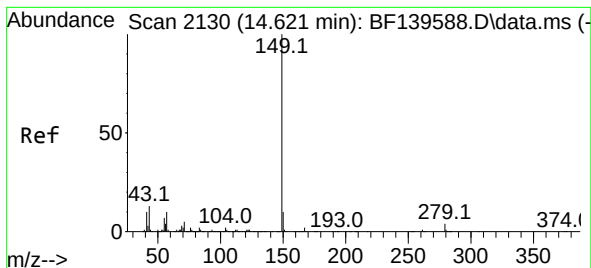
Ion Ratio Lower Upper

149 100

167 27.6 21.7 32.5

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 46.096 ng

RT: 14.621 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB163784BS

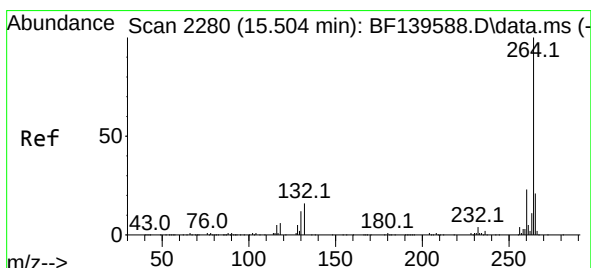
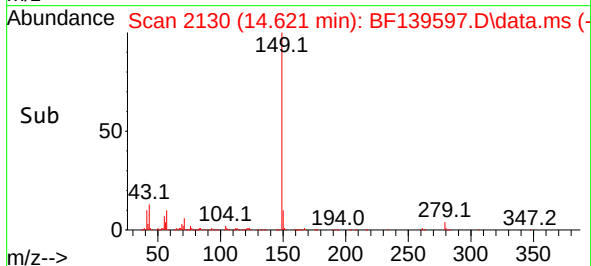
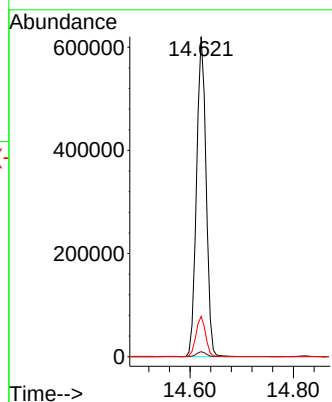
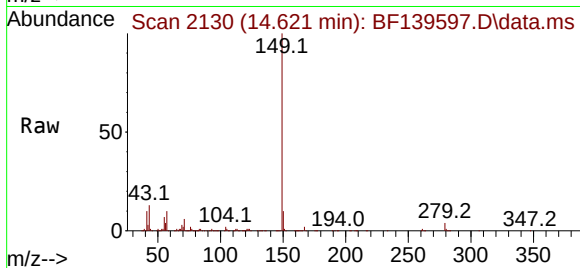
Tgt Ion:149 Resp: 795338

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.6 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

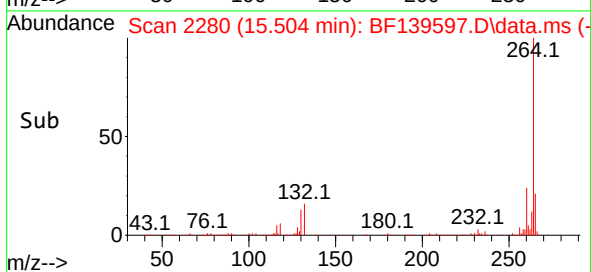
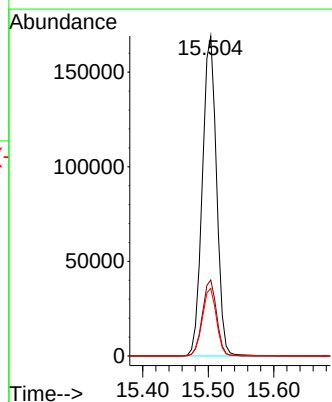
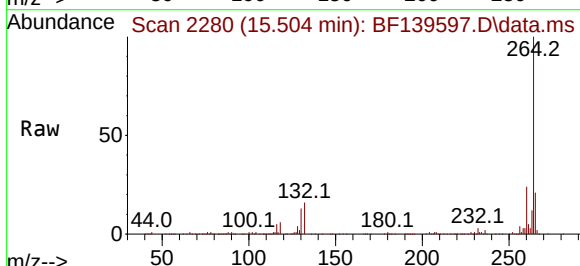
Tgt Ion:264 Resp: 254647

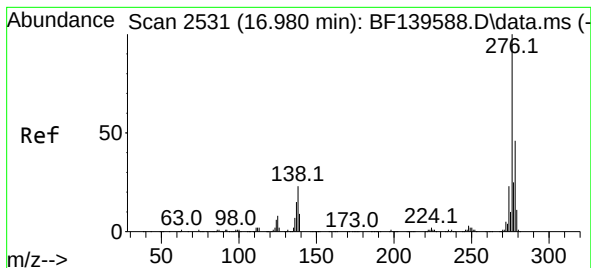
Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.1 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.611 ng

RT: 16.980 min Scan# 2531

Delta R.T. 0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB163784BS

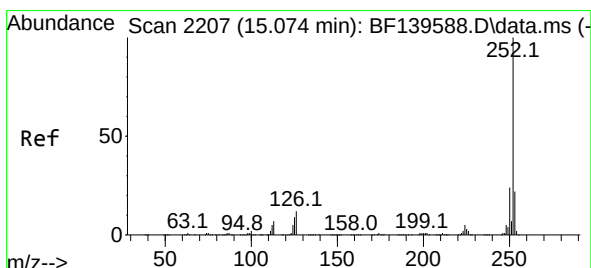
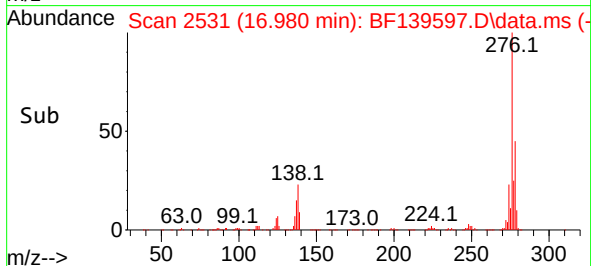
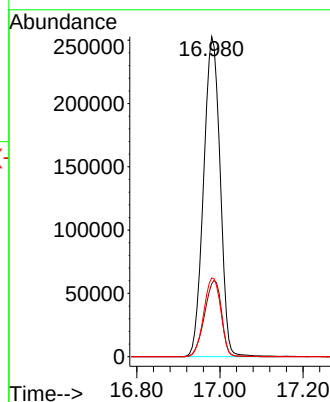
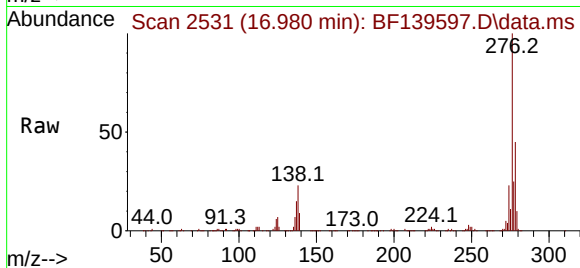
Tgt Ion:276 Resp: 698605

Ion Ratio Lower Upper

276 100

138 24.5 19.4 29.0

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 37.752 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

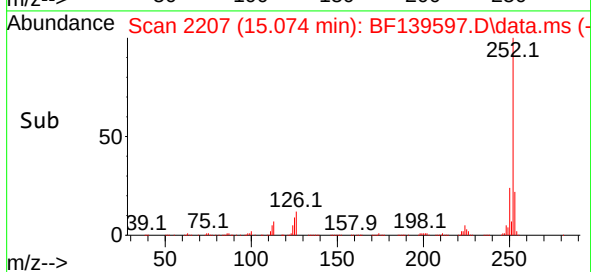
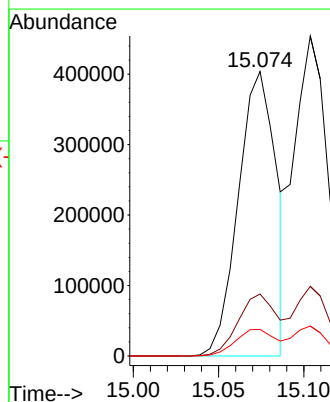
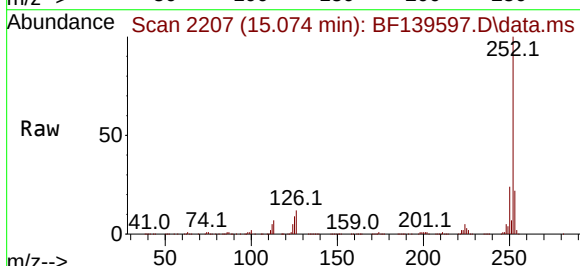
Tgt Ion:252 Resp: 621588

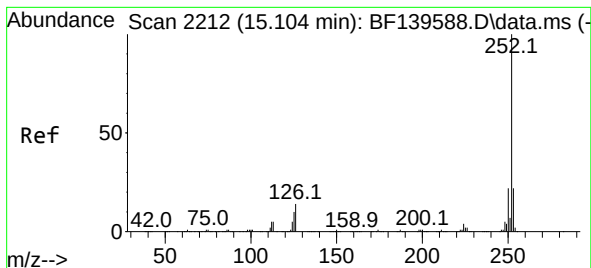
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.4 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 44.820 ng

RT: 15.104 min Scan# 2212

Delta R.T. 0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB163784BS

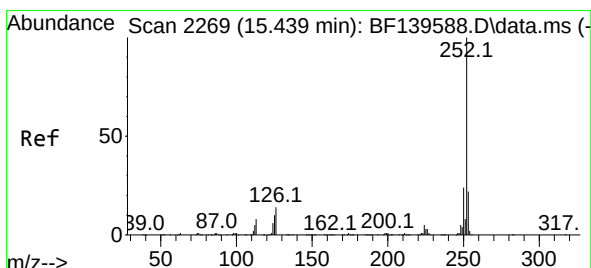
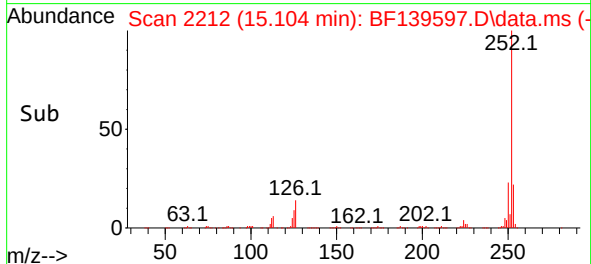
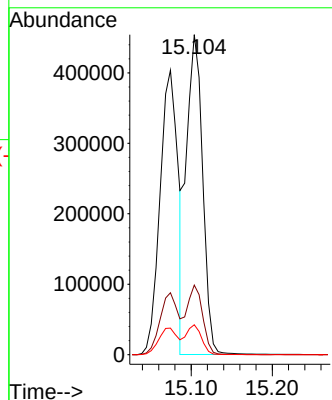
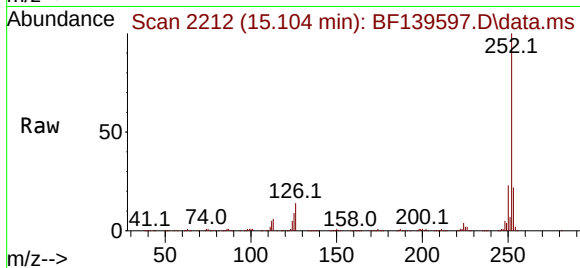
Tgt Ion:252 Resp: 625986

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.3 7.6 11.4



#90

Benzo(a)pyrene

Concen: 44.622 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

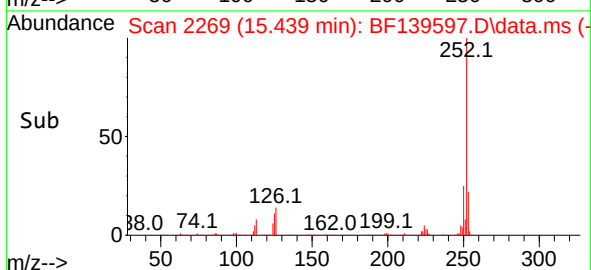
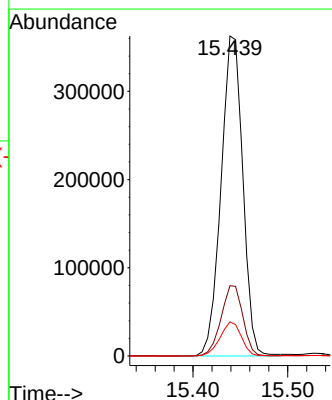
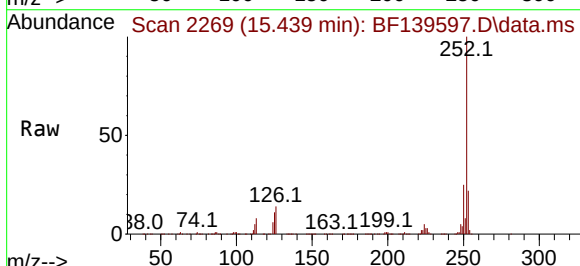
Tgt Ion:252 Resp: 579319

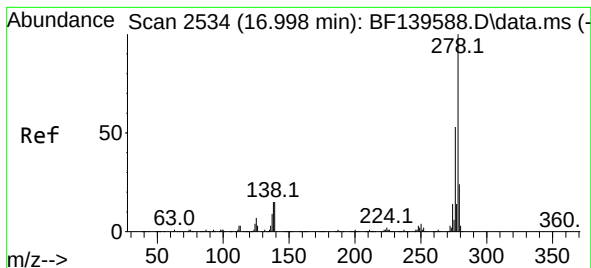
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.6 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 45.931 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB163784BS

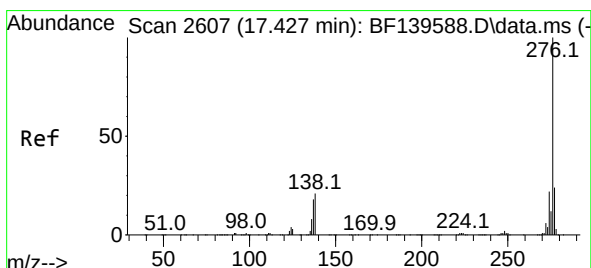
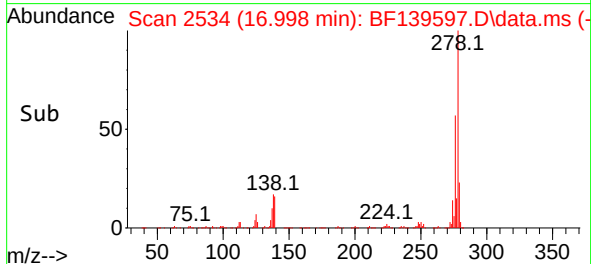
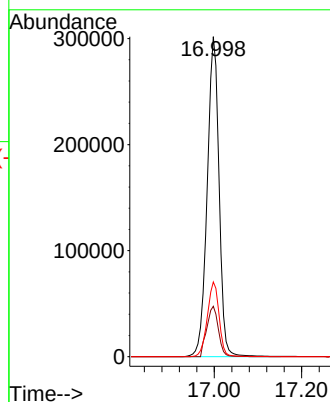
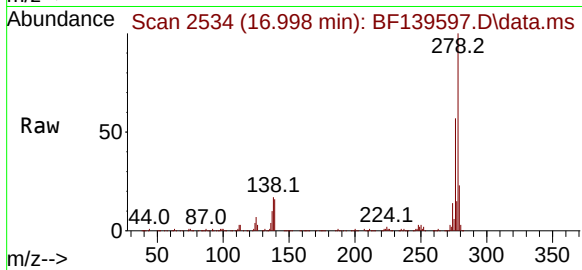
Tgt Ion:278 Resp: 570975

Ion Ratio Lower Upper

278 100

139 15.7 12.2 18.4

279 23.3 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 42.629 ng

RT: 17.427 min Scan# 2607

Delta R.T. 0.000 min

Lab File: BF139597.D

Acq: 02 Oct 2024 10:42

Tgt Ion:276 Resp: 531465

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.6

138 21.1 17.0 25.6

