

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
 Data File : BF139782.D
 Acq On : 11 Oct 2024 18:39
 Operator : RC/JU
 Sample : P4377-01MS 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-100924MS

Quant Time: Oct 12 02:01:06 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	61500	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	198080	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	98766	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	198414	20.000	ng	0.00
76) Chrysene-d12	14.039	240	130018	20.000	ng	0.00
86) Perylene-d12	15.510	264	101736	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	93042	26.222	ng	0.00
7) Phenol-d6	6.498	99	110819	23.224	ng	0.00
23) Nitrobenzene-d5	7.428	82	65830	16.826	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	23228	24.363	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	117692	18.294	ng	0.00
79) Terphenyl-d14	12.974	244	152626	19.261	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	17313	11.286	ng	96
3) Pyridine	3.399	79	37155	9.959	ng	96
4) n-Nitrosodimethylamine	3.322	42	25473	10.431	ng	# 99
6) Aniline	6.528	93	26271	6.204	ng	# 81
8) 2-Chlorophenol	6.657	128	39428	10.372	ng	96
9) Benzaldehyde	6.422	77	11554	4.571	ng	99
10) Phenol	6.516	94	50722	10.109	ng	95
11) bis(2-Chloroethyl)ether	6.598	93	42338	10.364	ng	99
12) 1,3-Dichlorobenzene	6.810	146	43399	10.148	ng	99
13) 1,4-Dichlorobenzene	6.887	146	44135	10.190	ng	98
14) 1,2-Dichlorobenzene	7.040	146	41020	10.105	ng	97
15) Benzyl Alcohol	7.010	79	32993	9.049	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.140	45	74162	10.486	ng	96
17) 2-Methylphenol	7.122	107	30099	9.484	ng	98
18) Hexachloroethane	7.375	117	11340	7.019	ng	96
19) n-Nitroso-di-n-propyla...	7.269	70	29328	9.560	ng	99
20) 3+4-Methylphenols	7.281	107	39881	10.005	ng	# 87
22) Acetophenone	7.275	105	55383	11.779	ng	92
24) Nitrobenzene	7.445	77	39557	9.764	ng	97
25) Isophorone	7.687	82	76384	10.993	ng	98
26) 2-Nitrophenol	7.769	139	11786	6.767	ng	98
27) 2,4-Dimethylphenol	7.804	122	25767	12.086	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	45993	11.084	ng	98
29) 2,4-Dichlorophenol	8.016	162	26109	9.389	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	31357	9.971	ng	98
31) Naphthalene	8.169	128	112598	11.118	ng	99
32) Benzoic acid	7.892	122	11461	5.406	ng	99
33) 4-Chloroaniline	8.222	127	24210	7.062	ng	99
34) Hexachlorobutadiene	8.286	225	21569	10.598	ng	98
35) Caprolactam	8.563	113	8688	9.525	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	29269	9.298	ng	97
37) 2-Methylnaphthalene	8.863	142	68711	10.417	ng	98
38) 1-Methylnaphthalene	8.963	142	64586	10.017	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	31019	11.310	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	19480	10.536	ng	99
44) 2,4,5-Trichlorophenol	9.192	196	19376	9.718	ng	99

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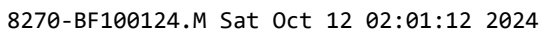
Instrument :
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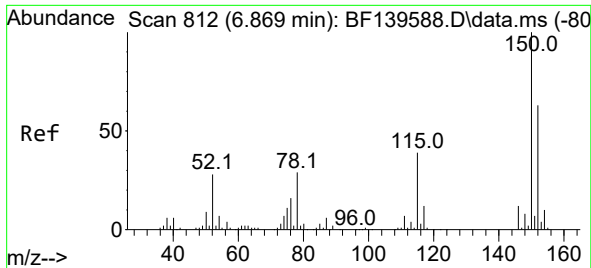
Quant Time: Oct 12 02:01:06 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.322	154	82773	11.268	ng	99
47) 2-Chloronaphthalene	9.351	162	59593	10.821	ng	96
48) 2-Nitroaniline	9.445	65	24043	12.162	ng	99
49) Acenaphthylene	9.763	152	101072	12.068	ng	99
50) Dimethylphthalate	9.616	163	74343	11.499	ng	100
51) 2,6-Dinitrotoluene	9.686	165	11007	7.537	ng	97
52) Acenaphthene	9.939	154	75930	13.207	ng	99
53) 3-Nitroaniline	9.857	138	16643	11.151	ng	95
55) Dibenzofuran	10.110	168	98615	12.250	ng	100
56) 4-Nitrophenol	10.039	139	20150	17.704	ng	94
57) 2,4-Dinitrotoluene	10.092	165	14180	7.428	ng	# 96
58) Fluorene	10.451	166	88959	13.875	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	17537	10.890	ng	97
60) Diethylphthalate	10.316	149	77861	11.659	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	35736	11.141	ng	95
62) 4-Nitroaniline	10.469	138	21459	14.056	ng	97
63) Azobenzene	10.604	77	75015	11.170	ng	93
66) n-Nitrosodiphenylamine	10.557	169	62121	10.622	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	20677	10.164	ng	98
68) Hexachlorobenzene	10.998	284	22244	9.854	ng	98
69) Atrazine	11.086	200	21126	13.463	ng	99
70) Pentachlorophenol	11.198	266	20067	14.929	ng	95
71) Phenanthrene	11.416	178	315744	33.750	ng	100
72) Anthracene	11.469	178	173261	18.720	ng	98
73) Carbazole	11.627	167	132202	14.872	ng	99
74) Di-n-butylphthalate	11.951	149	128991	11.933	ng	99
75) Fluoranthene	12.610	202	620316	60.656	ng	99
77) Benzidine	12.733	184	31845	13.886	ng	96
78) Pyrene	12.839	202	566148	48.685	ng	98
80) Butylbenzylphthalate	13.451	149	58955	14.174	ng	95
81) Benzo(a)anthracene	14.027	228	301821	35.308	ng	98
82) 3,3'-Dichlorobenzidine	13.986	252	23610	9.025	ng	97
83) Chrysene	14.063	228	246304	31.516	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	84637	16.295	ng	100
85) Di-n-octyl phthalate	14.621	149	120115	15.741	ng	# 97
87) Indeno(1,2,3-cd)pyrene	16.992	276	119217	19.909	ng	95
88) Benzo(b)fluoranthene	15.080	252	350748	53.321	ng	97
89) Benzo(k)fluoranthene	15.080	252	350748	62.858	ng	98
90) Benzo(a)pyrene	15.451	252	172139	33.188	ng	98
91) Dibenzo(a,h)anthracene	17.004	278	64518	12.991	ng	97
92) Benzo(g,h,i)perylene	17.445	276	99520	19.980	ng	98

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

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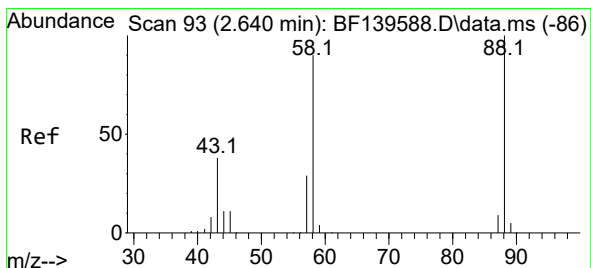
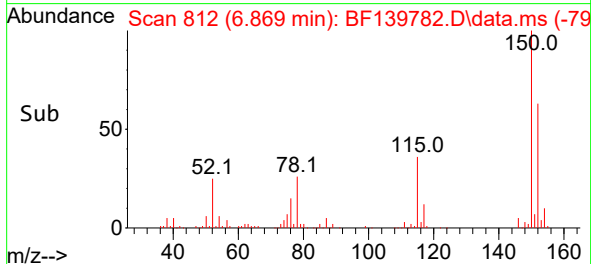
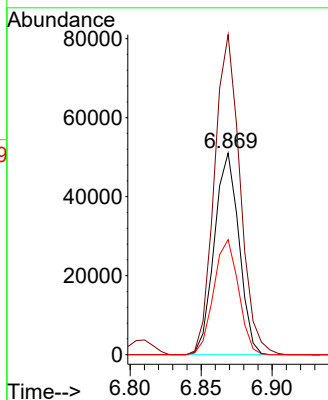
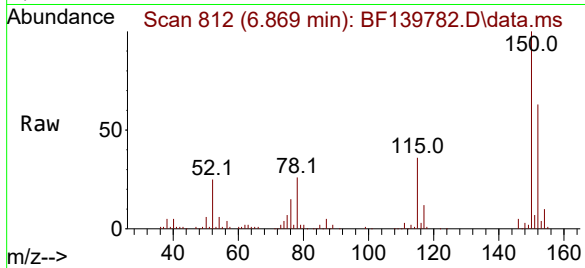




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF139782.D
 Acq: 11 Oct 2024 18:39

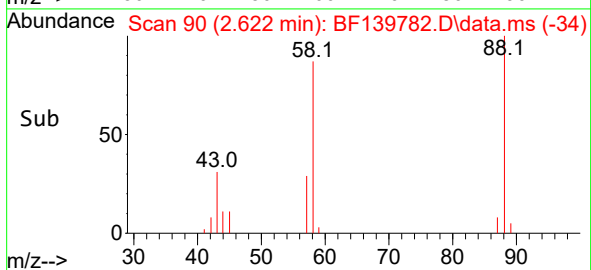
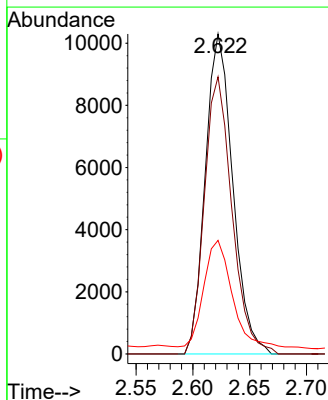
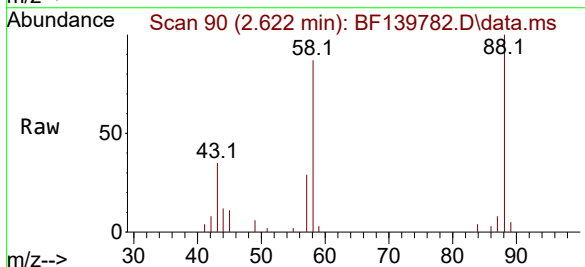
Instrument :
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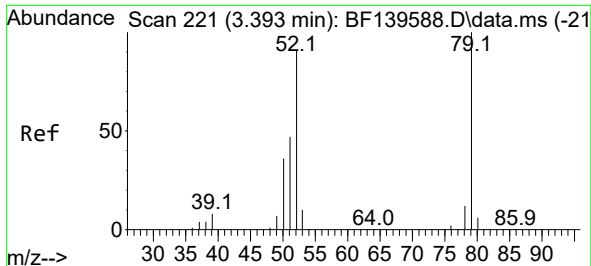
Tgt Ion:152 Resp: 61500
 Ion Ratio Lower Upper
 152 100
 150 158.7 127.2 190.8
 115 57.1 49.0 73.4



#2
 1,4-Dioxane
 Concen: 11.286 ng
 RT: 2.622 min Scan# 90
 Delta R.T. -0.018 min
 Lab File: BF139782.D
 Acq: 11 Oct 2024 18:39

Tgt Ion: 88 Resp: 17313
 Ion Ratio Lower Upper
 88 100
 58 87.0 72.0 108.0
 43 35.8 30.8 46.2





#3

Pyridine

Concen: 9.959 ng

RT: 3.399 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MS

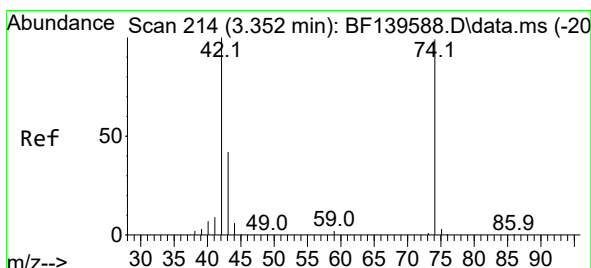
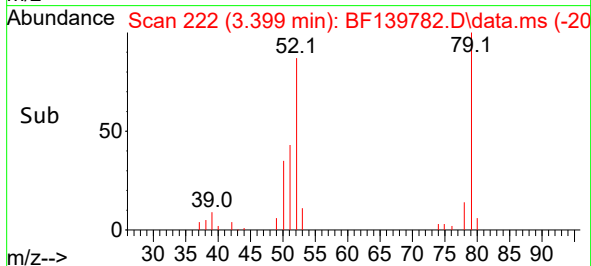
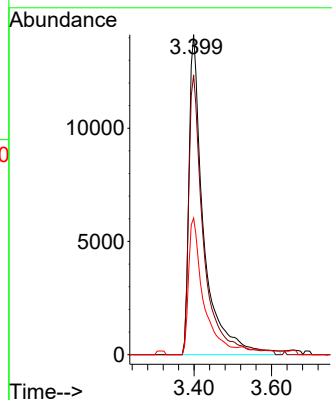
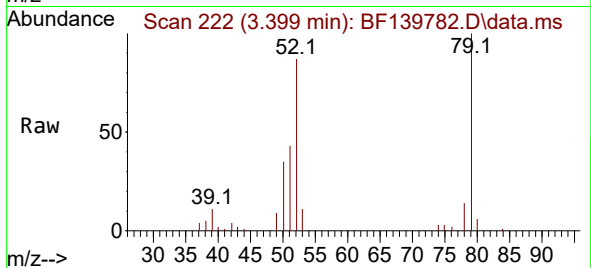
Tgt Ion: 79 Resp: 37155

Ion Ratio Lower Upper

79 100

52 87.4 72.6 109.0

51 42.7 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 10.431 ng

RT: 3.322 min Scan# 209

Delta R.T. -0.030 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

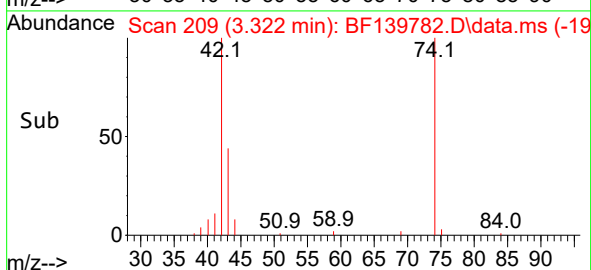
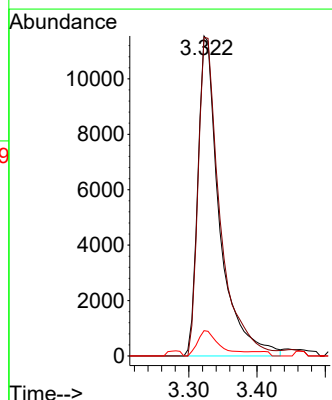
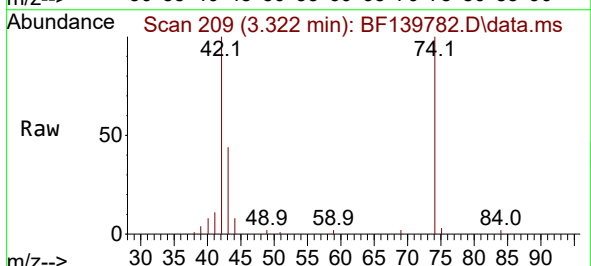
Tgt Ion: 42 Resp: 25473

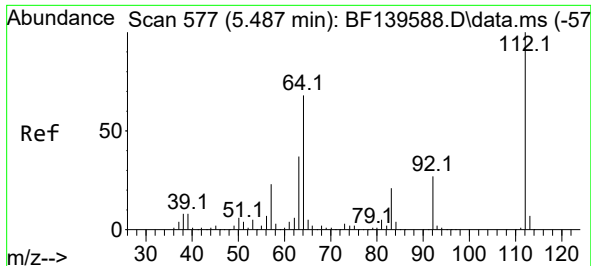
Ion Ratio Lower Upper

42 100

74 99.6 79.0 118.6

44 7.9 5.2 7.8#

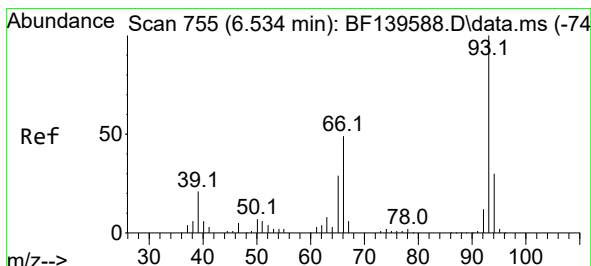
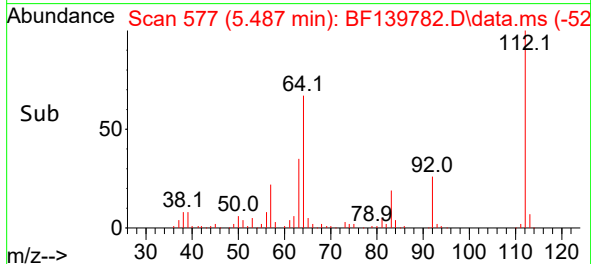
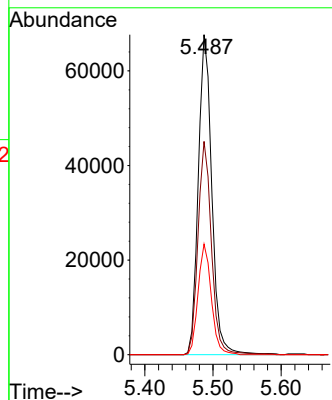
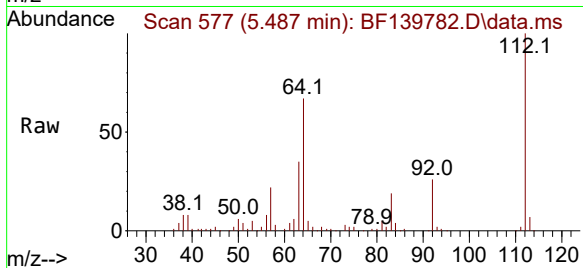




#5
2-Fluorophenol
Concen: 26.222 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

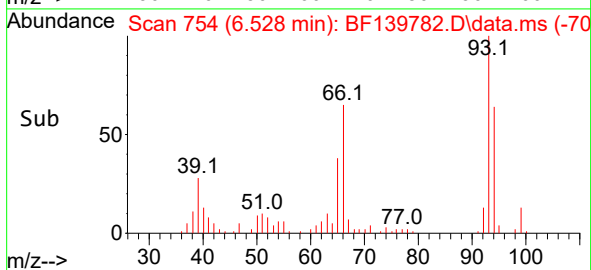
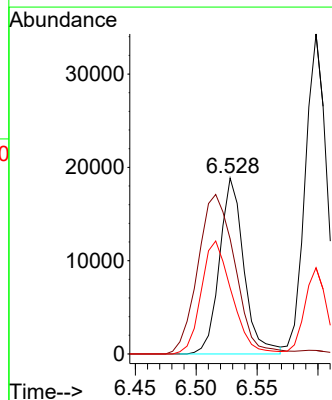
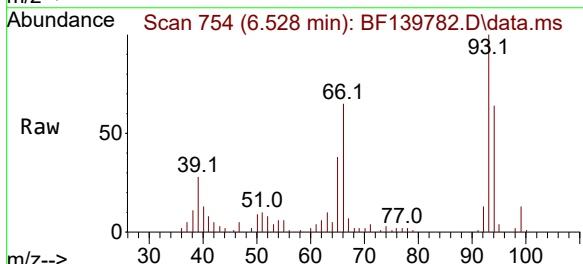
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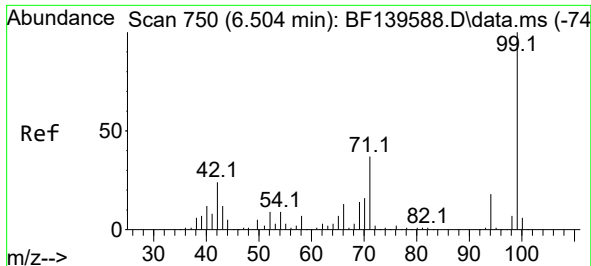
Tgt Ion:112 Resp: 93042
Ion Ratio Lower Upper
112 100
64 66.6 54.2 81.4
63 34.6 29.4 44.2



#6
Aniline
Concen: 6.204 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion: 93 Resp: 26271
Ion Ratio Lower Upper
93 100
66 65.5 40.9 61.3#
65 37.6 23.3 34.9#

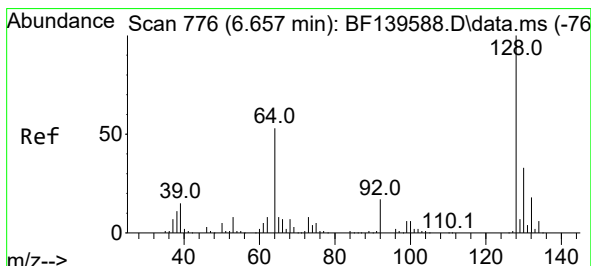
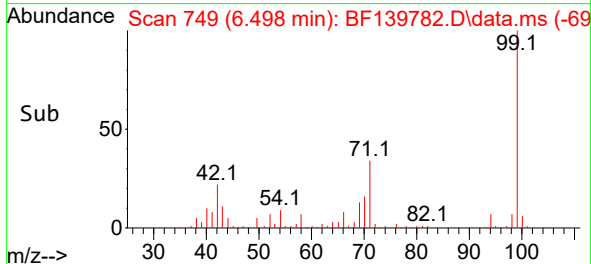
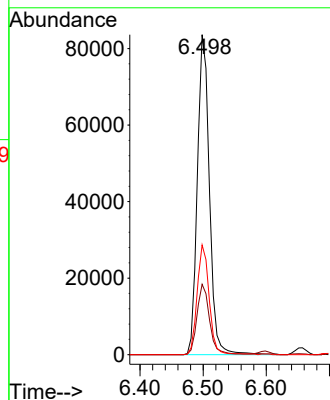
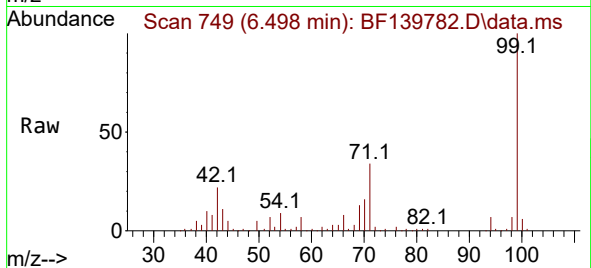




#7
Phenol-d6
Concen: 23.224 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

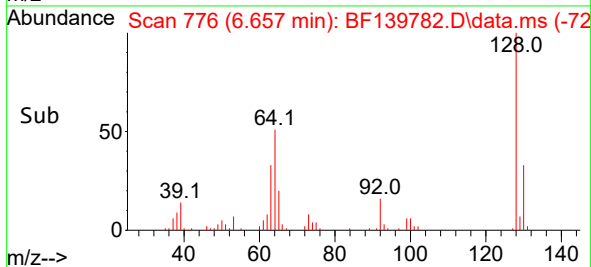
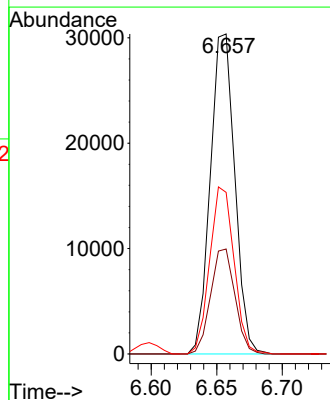
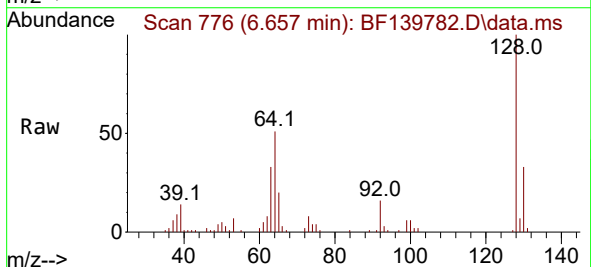
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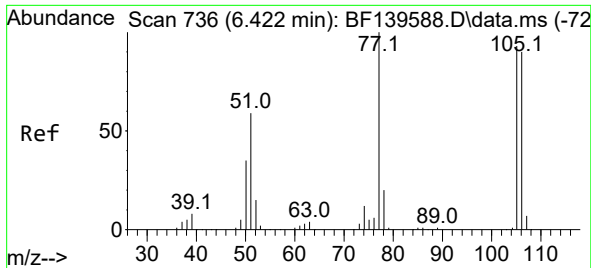
Tgt Ion: 99 Resp: 110819
Ion Ratio Lower Upper
99 100
42 22.0 19.1 28.7
71 34.3 29.7 44.5



#8
2-Chlorophenol
Concen: 10.372 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion: 128 Resp: 39428
Ion Ratio Lower Upper
128 100
130 32.8 13.2 53.2
64 50.5 35.1 75.1





#9

Benzaldehyde

Concen: 4.571 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MS

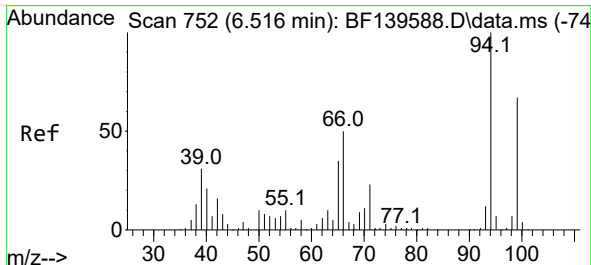
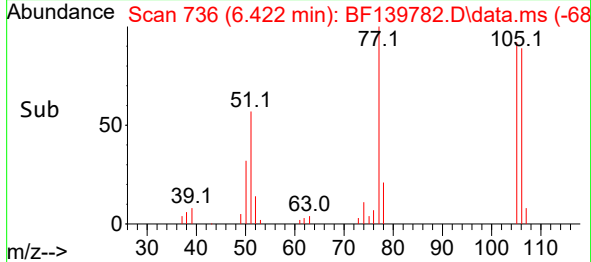
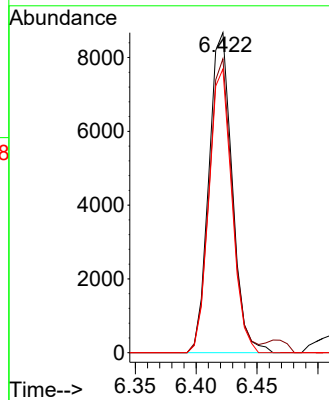
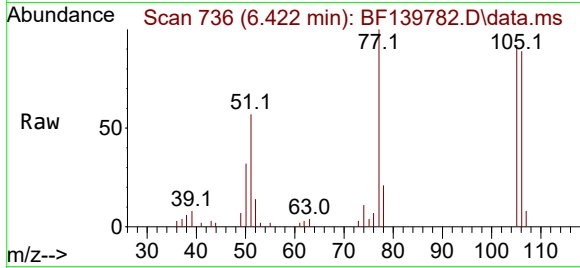
Tgt Ion: 77 Resp: 11554

Ion Ratio Lower Upper

77 100

105 91.9 72.7 112.7

106 88.7 70.1 110.1



#10

Phenol

Concen: 10.109 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

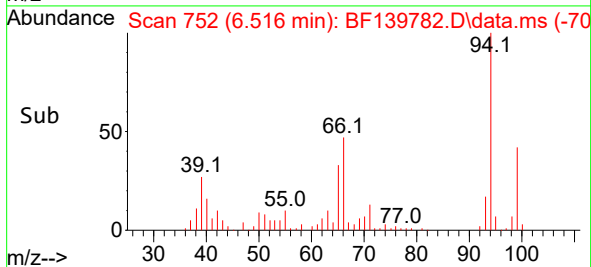
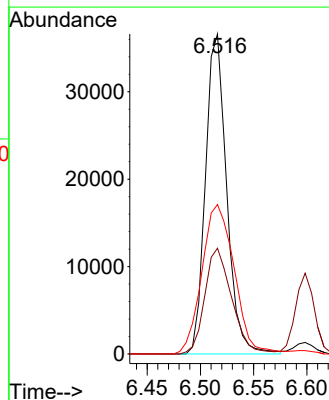
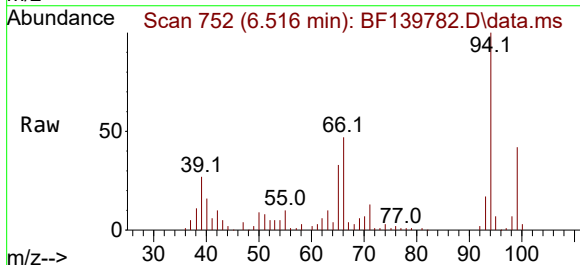
Tgt Ion: 94 Resp: 50722

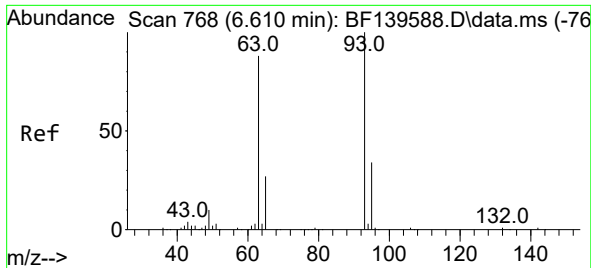
Ion Ratio Lower Upper

94 100

65 33.1 15.3 55.3

66 46.7 30.5 70.5

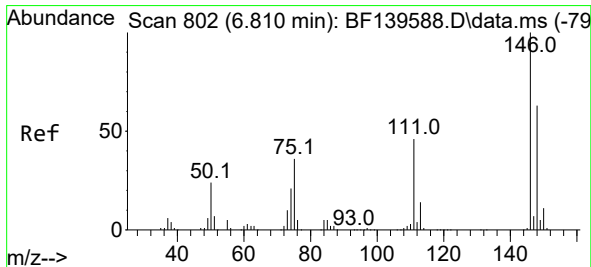
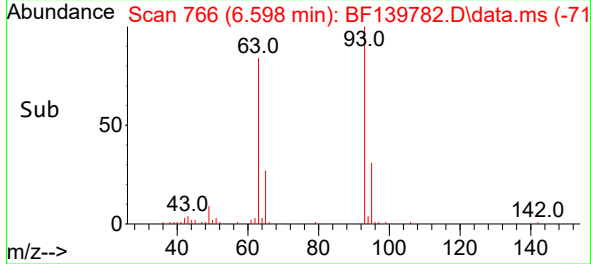
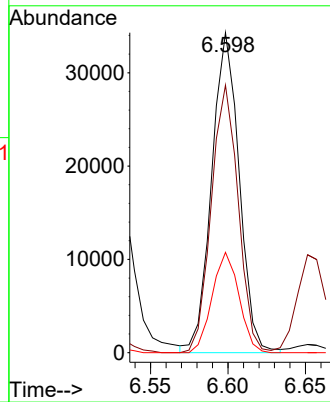
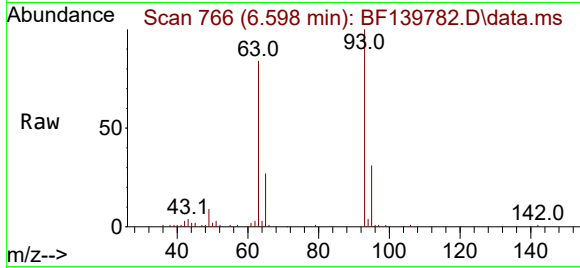




#11
bis(2-Chloroethyl)ether
Concen: 10.364 ng
RT: 6.598 min Scan# 766
Delta R.T. -0.012 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

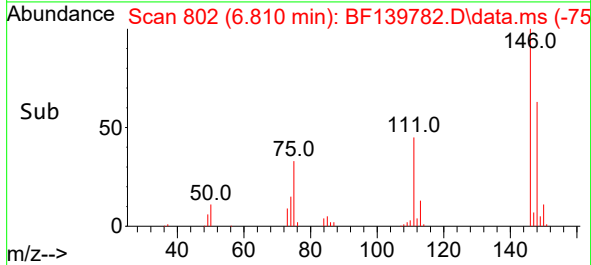
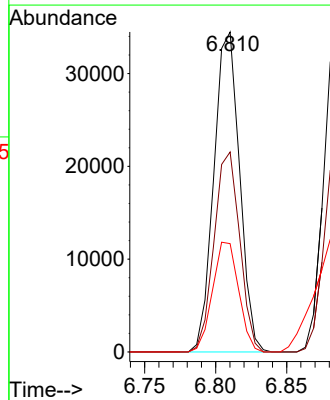
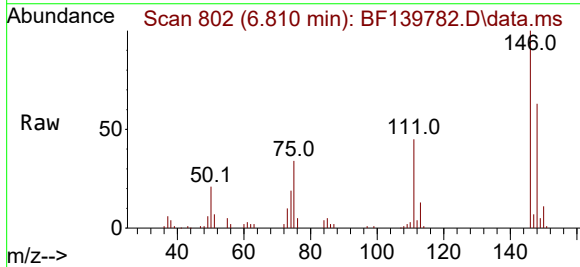
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MS

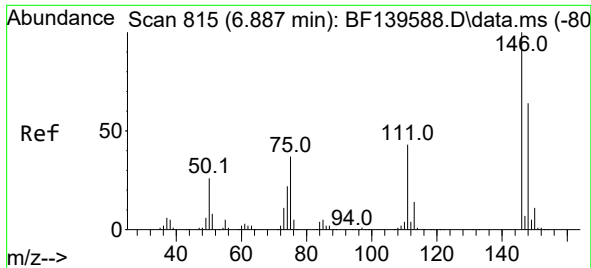
Tgt Ion: 93 Resp: 42338
Ion Ratio Lower Upper
93 100
63 83.6 64.1 104.1
95 31.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 10.148 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion:146 Resp: 43399
Ion Ratio Lower Upper
146 100
148 62.5 50.2 75.4
75 33.9 28.5 42.7

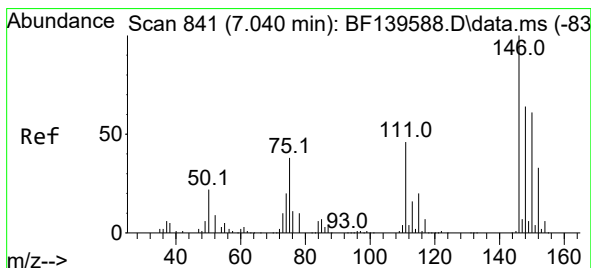
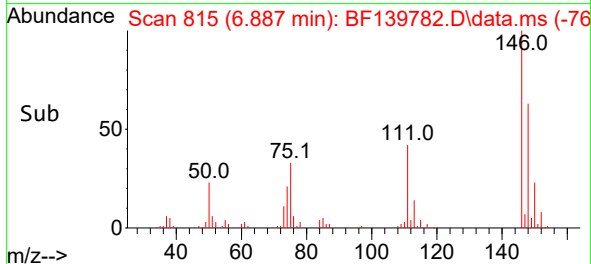
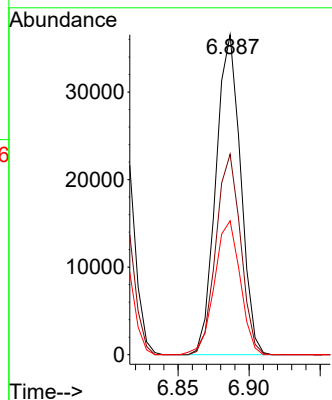
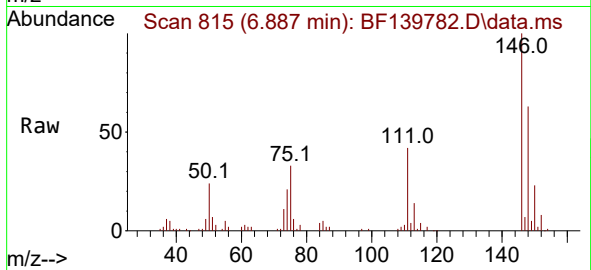




#13
1,4-Dichlorobenzene
Concen: 10.190 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

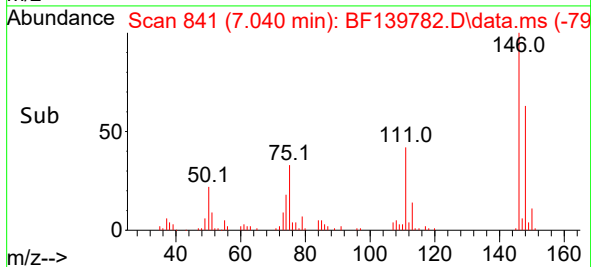
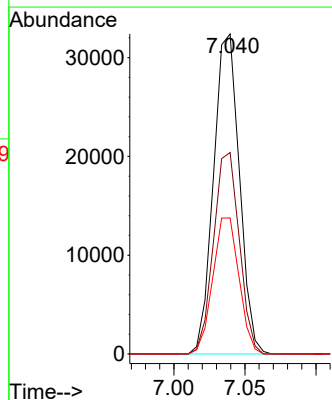
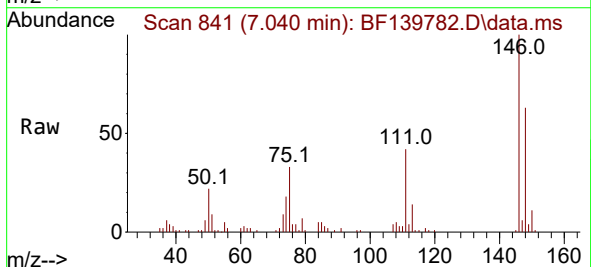
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MS

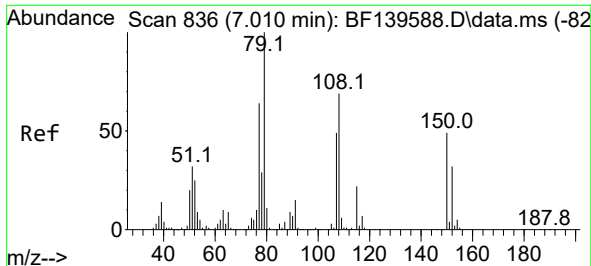
Tgt Ion:146 Resp: 44135
Ion Ratio Lower Upper
146 100
148 62.6 51.0 76.6
111 41.8 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 10.105 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion:146 Resp: 41020
Ion Ratio Lower Upper
146 100
148 63.0 51.2 76.8
111 42.5 37.0 55.6

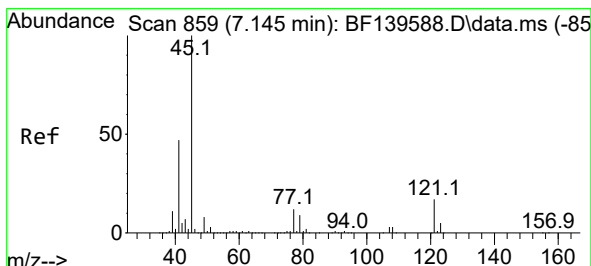
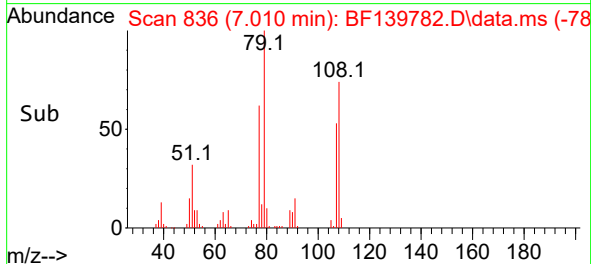
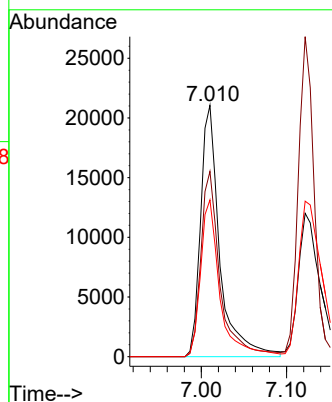
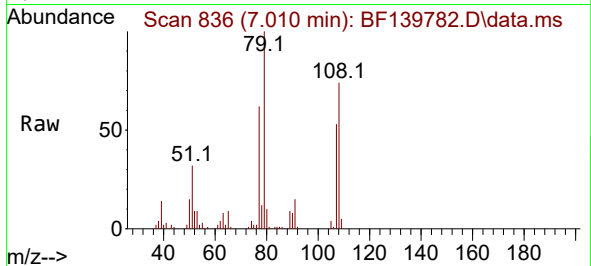




#15
Benzyl Alcohol
Concen: 9.049 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

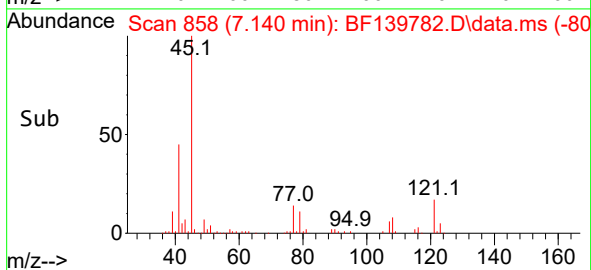
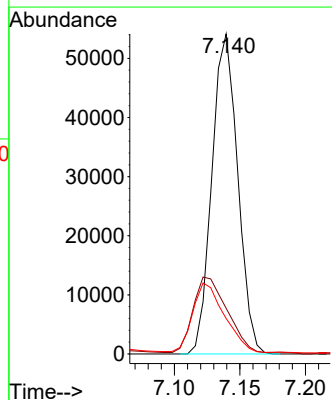
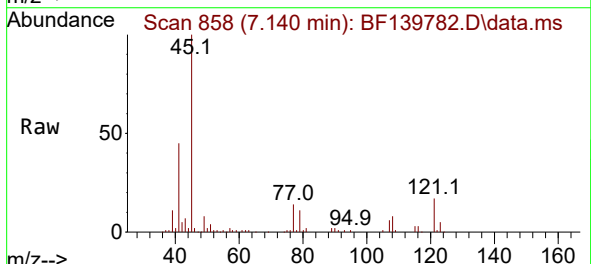
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MS

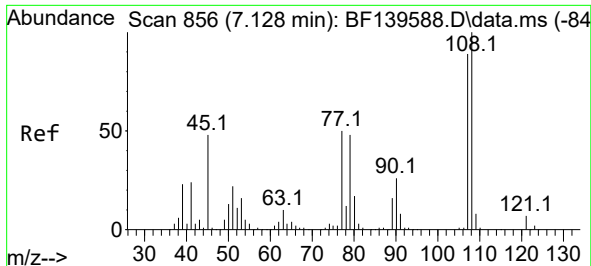
Tgt Ion: 79 Resp: 32993
Ion Ratio Lower Upper
79 100
108 73.7 55.1 82.7
77 62.4 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.486 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion: 45 Resp: 74162
Ion Ratio Lower Upper
45 100
77 14.3 0.0 32.5
79 11.1 0.0 29.7

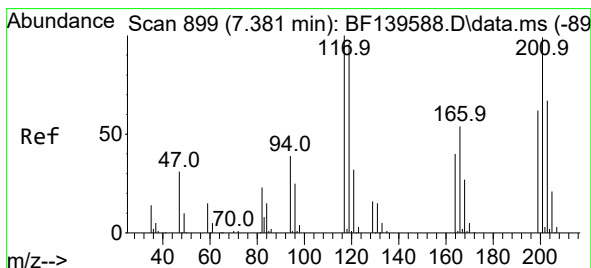
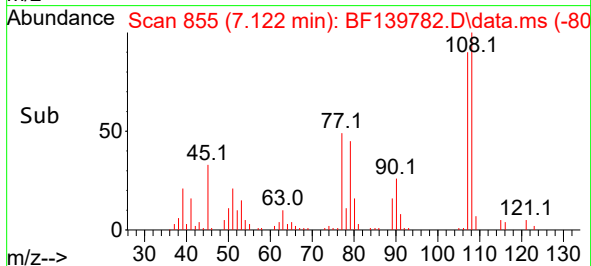
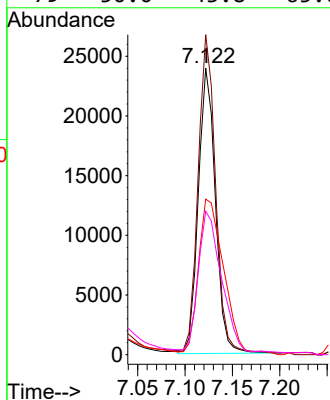
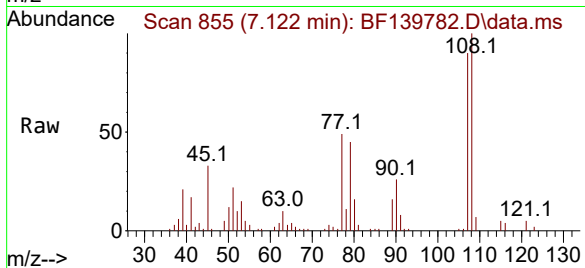




#17
2-Methylphenol
Concen: 9.484 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

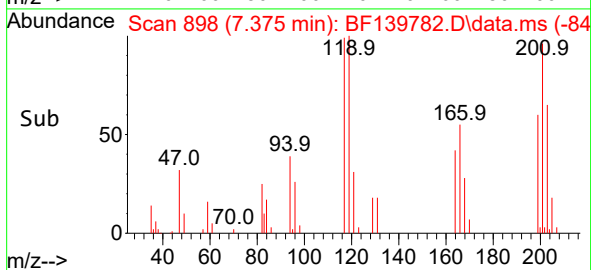
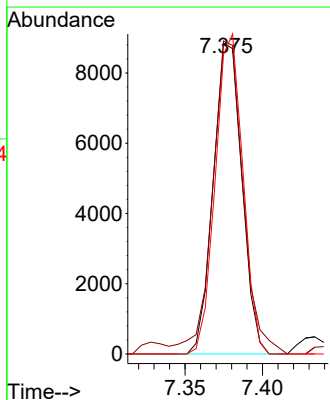
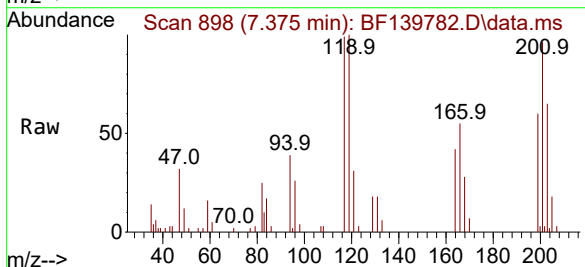
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MS

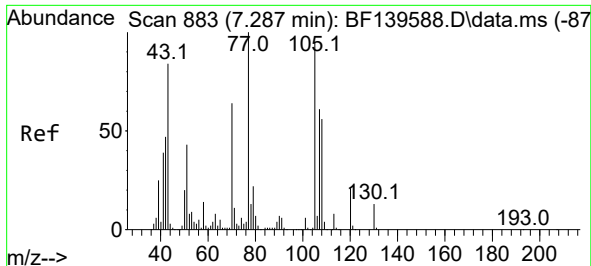
Tgt Ion:	107	Resp:	30099
Ion	Ratio	Lower	Upper
107	100		
108	111.6	89.8	134.6
77	54.3	44.6	67.0
79	50.0	43.8	65.6



#18
Hexachloroethane
Concen: 7.019 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion:	117	Resp:	11340
Ion	Ratio	Lower	Upper
117	100		
119	100.7	77.0	115.6
201	96.3	79.2	118.8

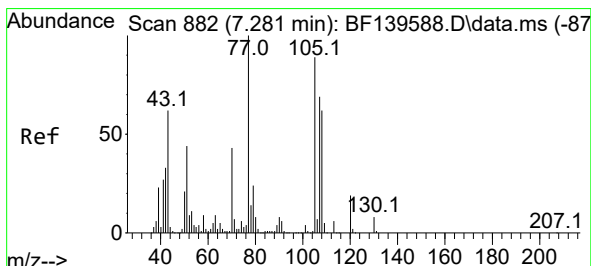
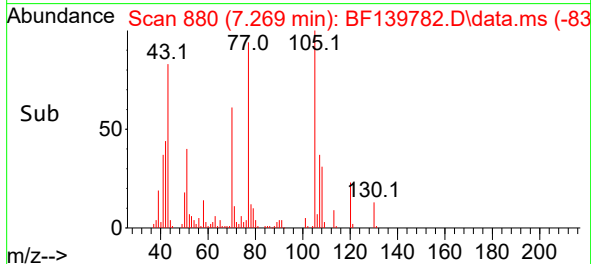
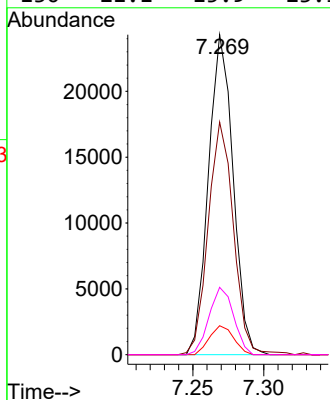
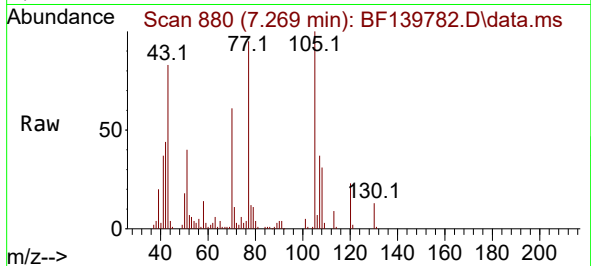




#19
n-Nitroso-di-n-propylamine
Concen: 9.560 ng
RT: 7.269 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

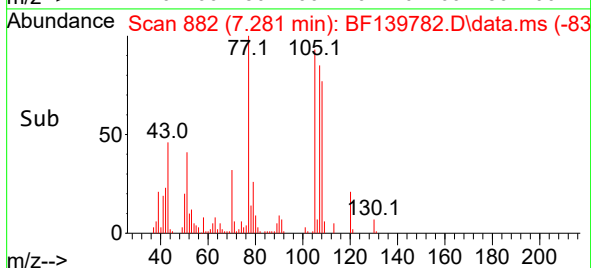
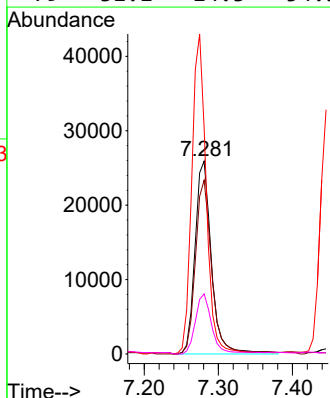
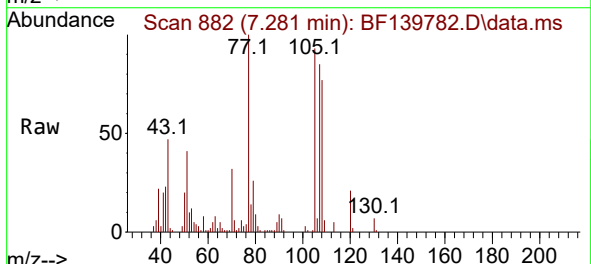
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MS

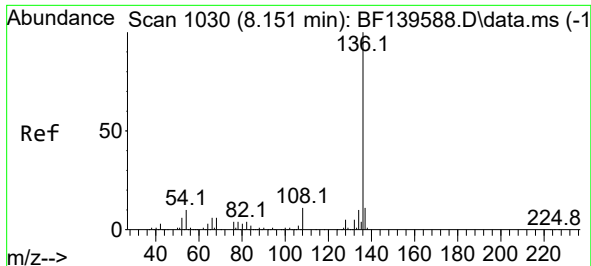
Tgt Ion:	70	Resp:	29328
Ion	Ratio	Lower	Upper
70	100		
42	72.7	58.0	87.0
101	9.1	7.8	11.8
130	21.1	15.9	23.9



#20
3+4-Methylphenols
Concen: 10.005 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion:	107	Resp:	39881
Ion	Ratio	Lower	Upper
107	100		
108	90.1	70.2	110.2
77	117.3	125.3	165.3#
79	31.1	14.3	54.3

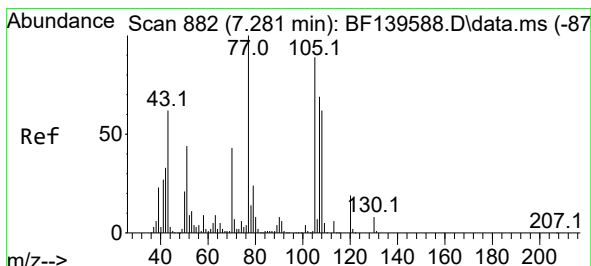
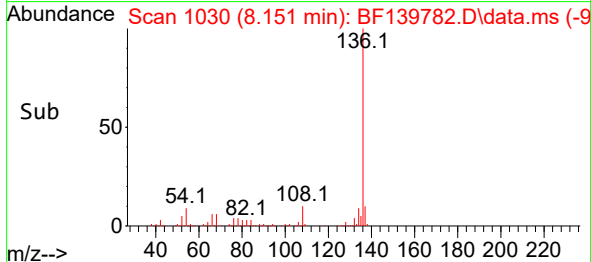
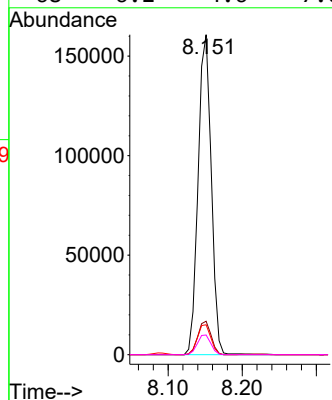
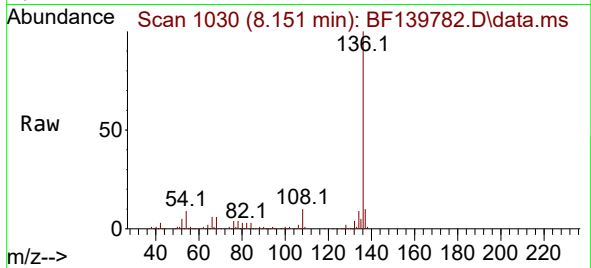




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

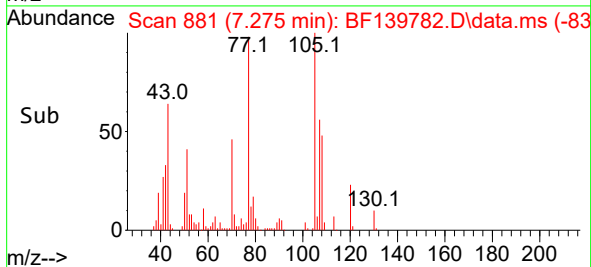
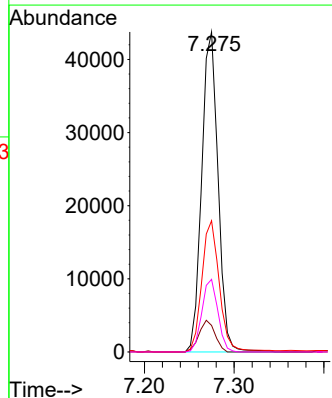
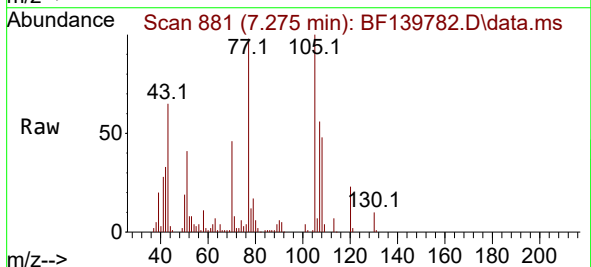
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MS

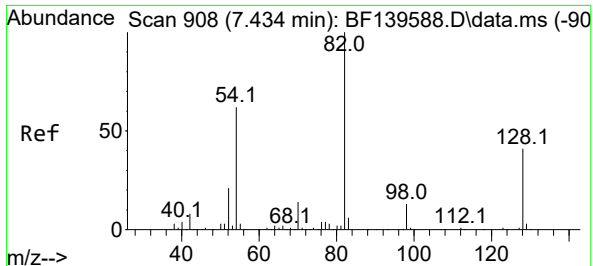
Tgt Ion:	136	Resp:	198080
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	9.4	8.3	12.5
68	6.2	4.6	7.0



#22
Acetophenone
Concen: 11.779 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion:	105	Resp:	55383
Ion	Ratio	Lower	Upper
105	100		
71	8.3	6.6	10.0
51	41.0	39.4	59.0
120	22.7	17.4	26.2





#23

Nitrobenzene-d5

Concen: 16.826 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MS

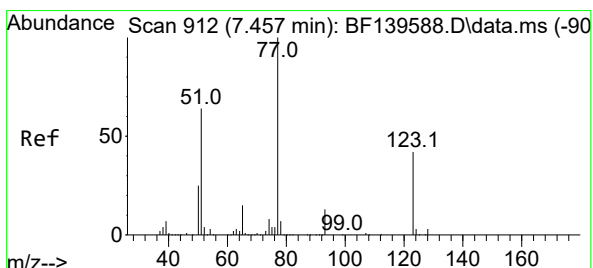
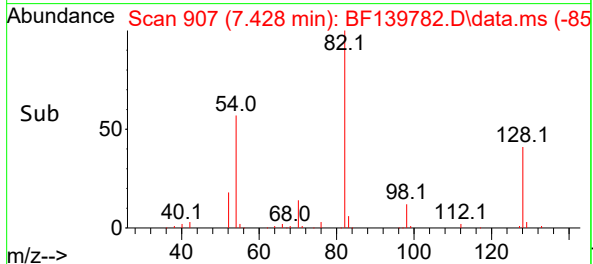
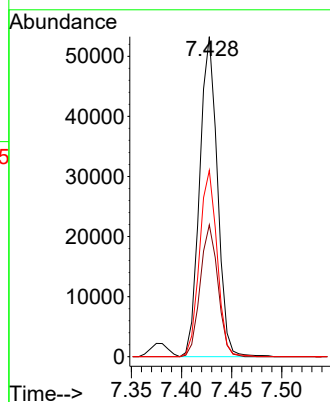
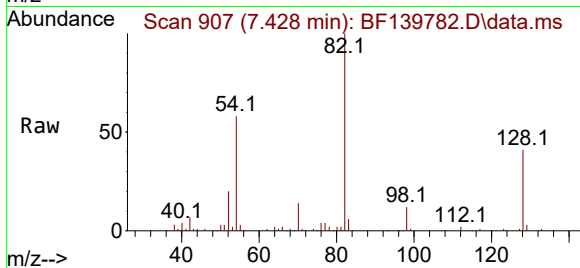
Tgt Ion: 82 Resp: 65830

Ion Ratio Lower Upper

82 100

128 41.2 32.4 48.6

54 58.2 49.1 73.7



#24

Nitrobenzene

Concen: 9.764 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.012 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

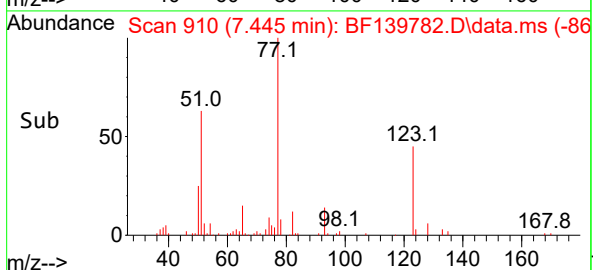
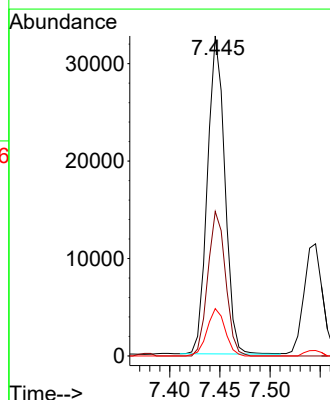
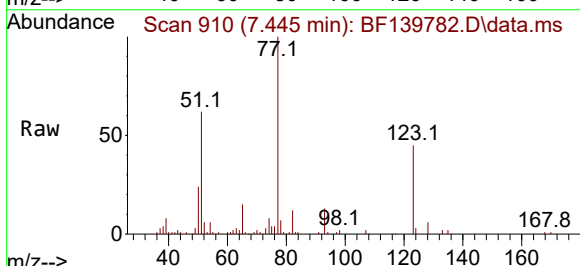
Tgt Ion: 77 Resp: 39557

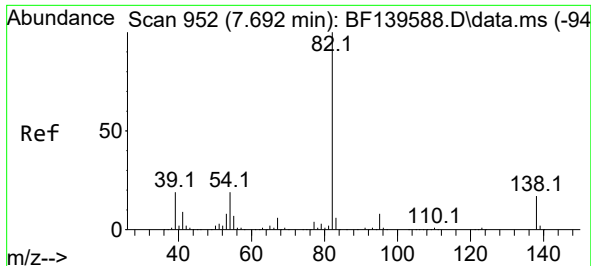
Ion Ratio Lower Upper

77 100

123 45.1 34.2 51.4

65 14.8 12.1 18.1

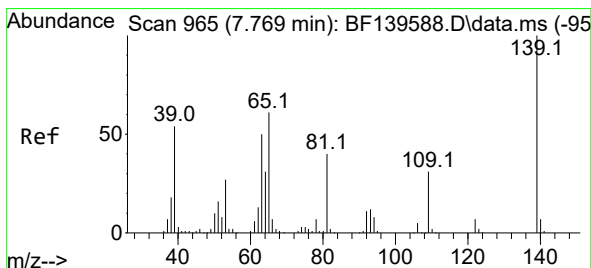
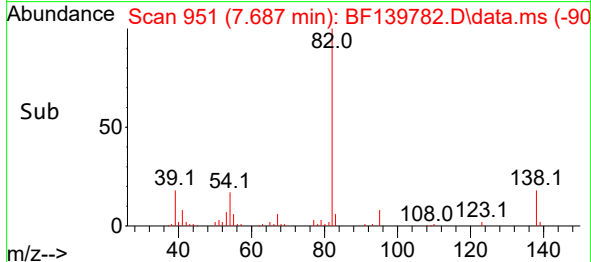
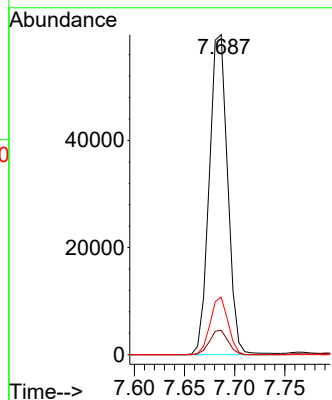
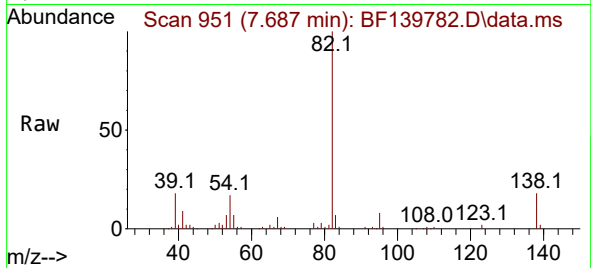




#25
Isophorone
Concen: 10.993 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

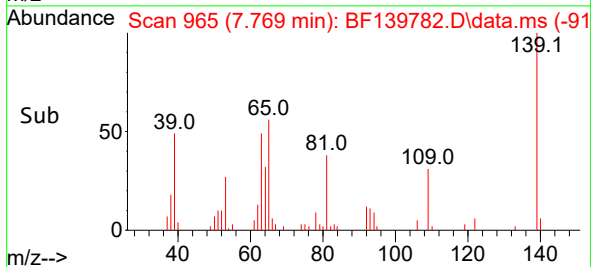
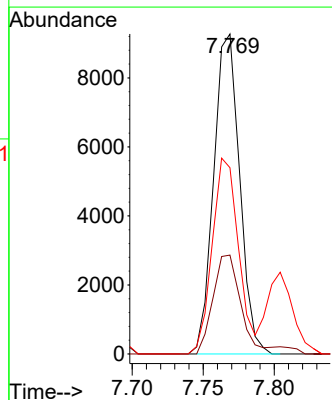
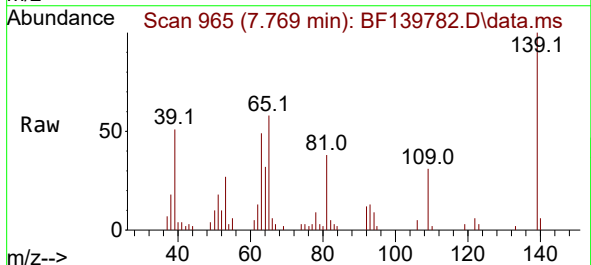
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MS

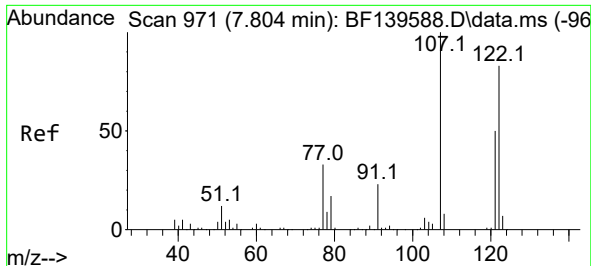
Tgt Ion: 82 Resp: 76384
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 18.0 13.4 20.2



#26
2-Nitrophenol
Concen: 6.767 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion: 139 Resp: 11786
Ion Ratio Lower Upper
139 100
109 30.9 24.9 37.3
65 58.2 48.6 72.8

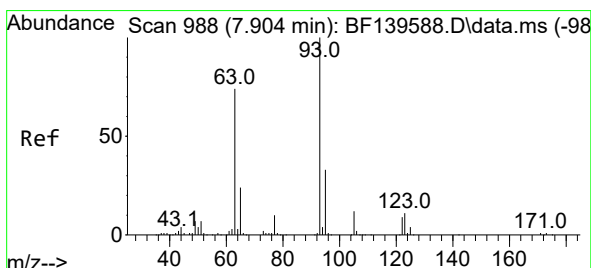
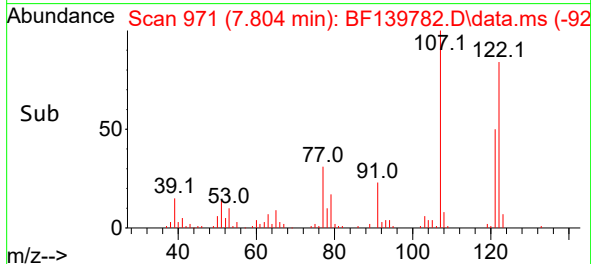
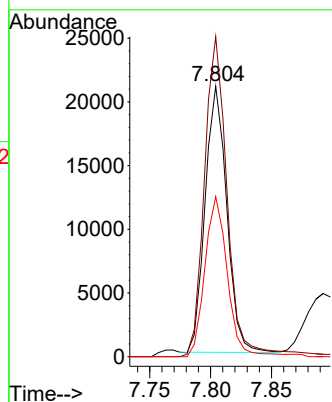
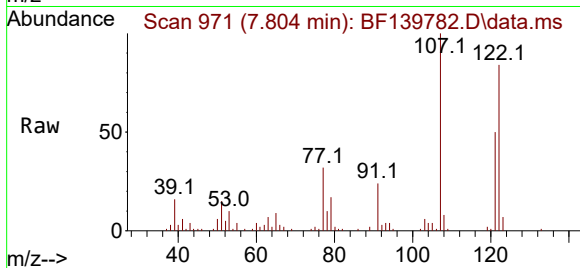




#27
2,4-Dimethylphenol
Concen: 12.086 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

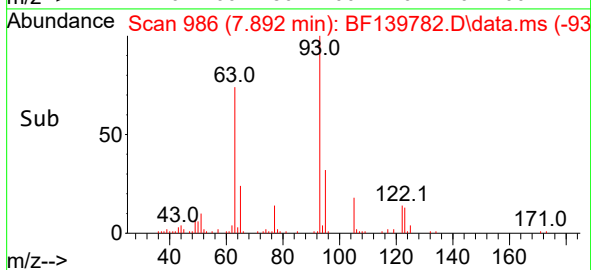
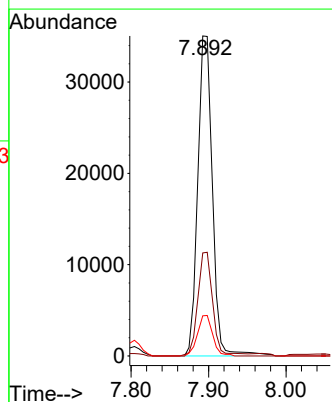
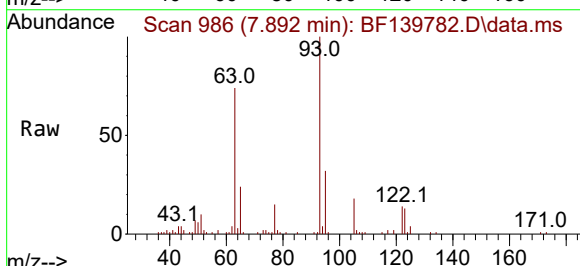
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MS

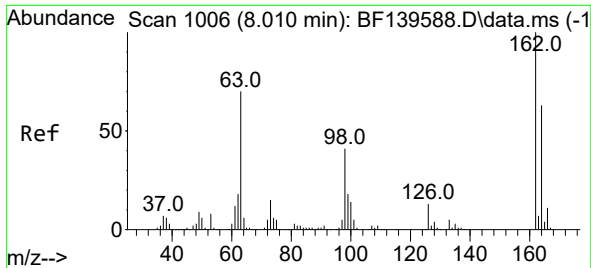
Tgt Ion:122 Resp: 25767
Ion Ratio Lower Upper
122 100
107 118.4 95.4 143.0
121 59.2 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 11.084 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion: 93 Resp: 45993
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 12.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 9.389 ng

RT: 8.016 min Scan# 1006

Delta R.T. 0.006 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MS

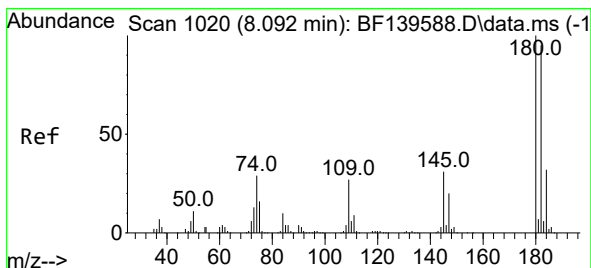
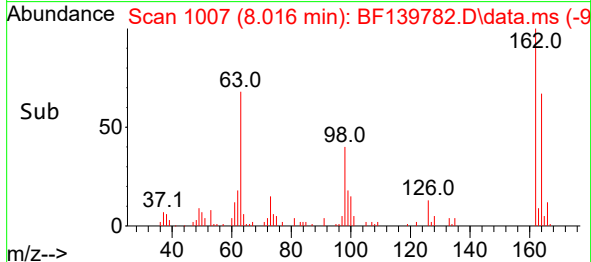
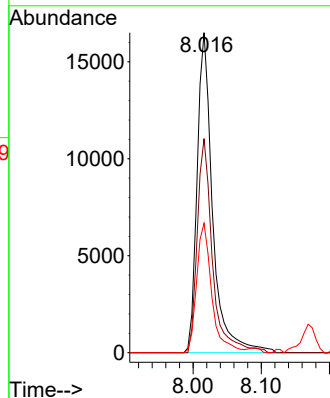
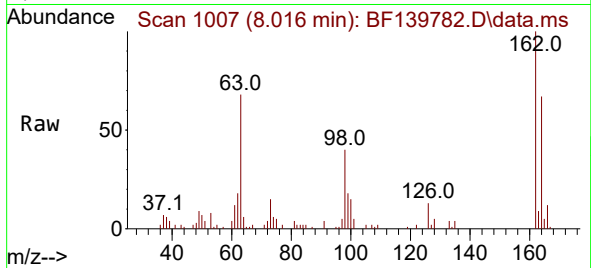
Tgt Ion:162 Resp: 26109

Ion Ratio Lower Upper

162 100

164 66.9 43.1 83.1

98 40.5 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 9.971 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

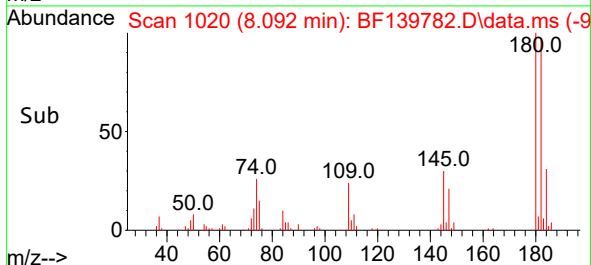
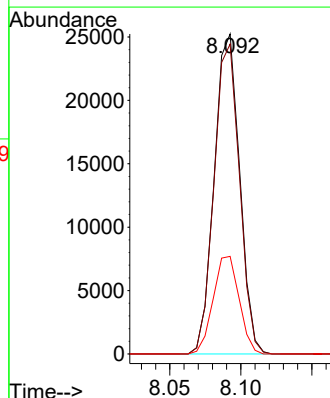
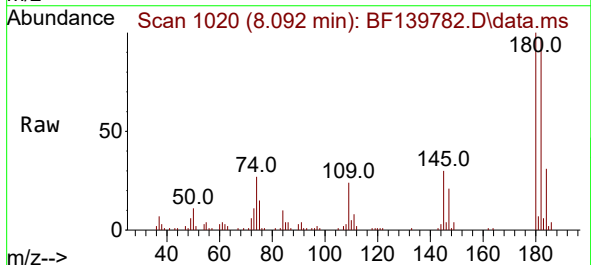
Tgt Ion:180 Resp: 31357

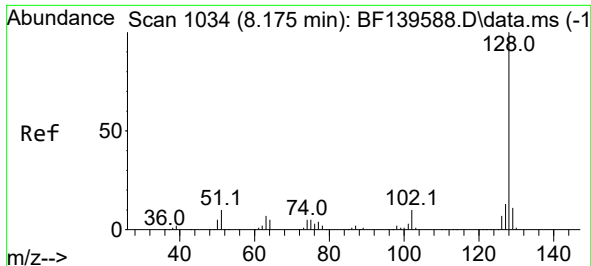
Ion Ratio Lower Upper

180 100

182 96.9 76.0 114.0

145 30.5 25.0 37.6

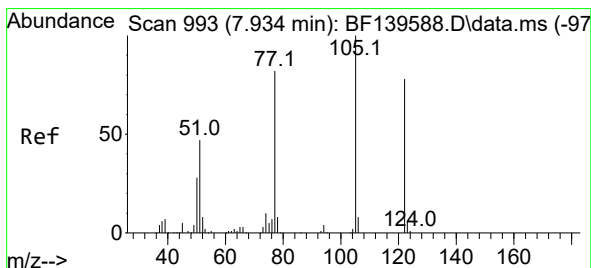
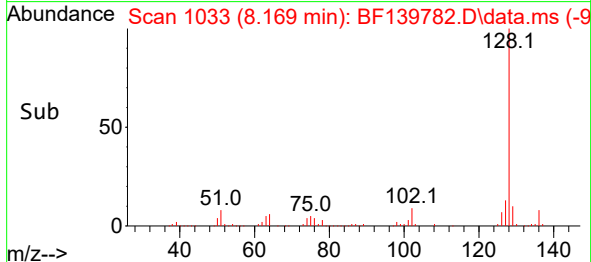
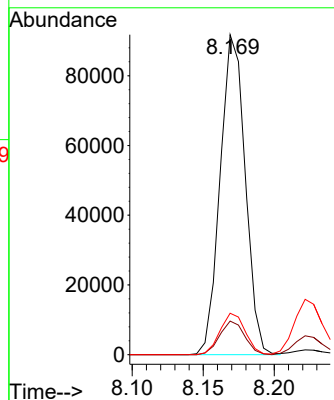
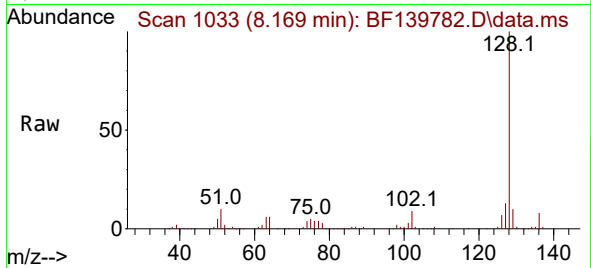




#31
Naphthalene
Concen: 11.118 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

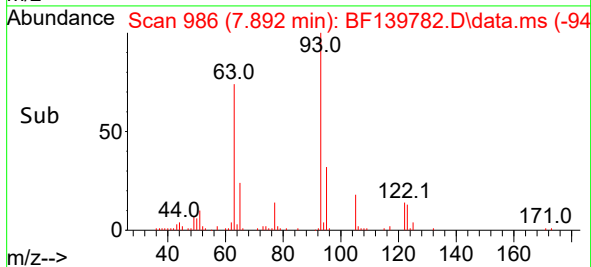
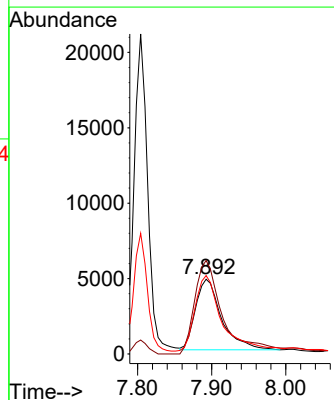
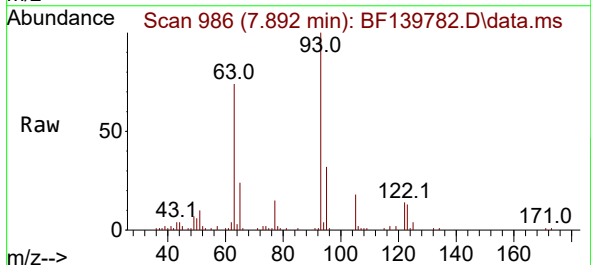
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MS

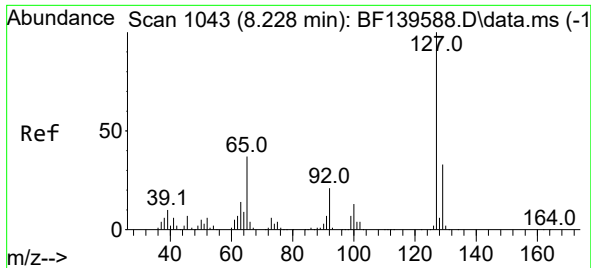
Tgt Ion:128 Resp: 112598
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 12.9 10.5 15.7



#32
Benzoic acid
Concen: 5.406 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.041 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion:122 Resp: 11461
Ion Ratio Lower Upper
122 100
105 124.9 104.9 144.9
77 104.9 82.7 122.7

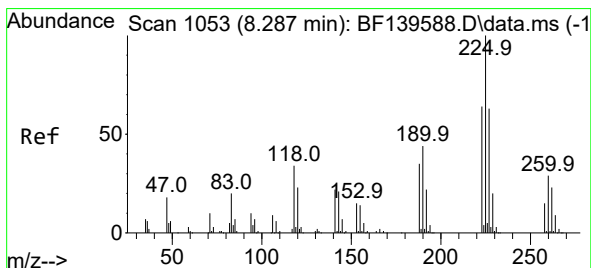
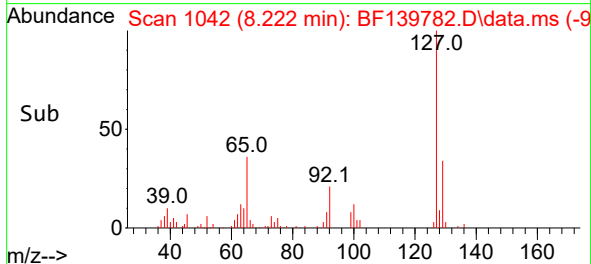
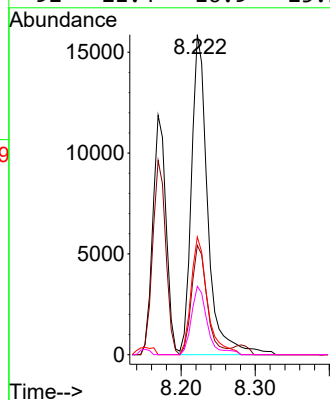
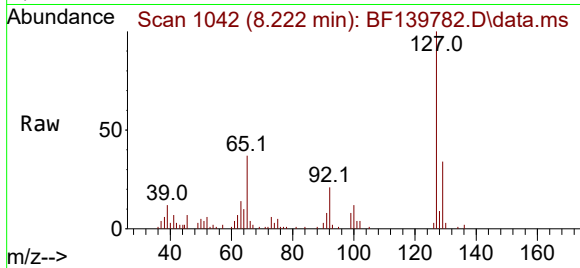




#33
4-Chloroaniline
Concen: 7.062 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

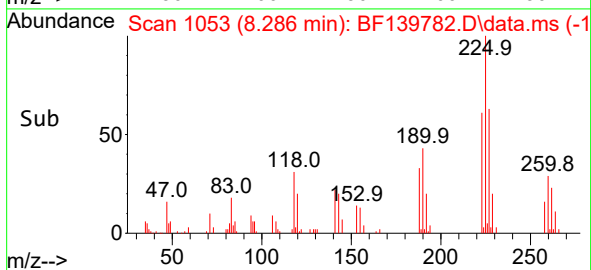
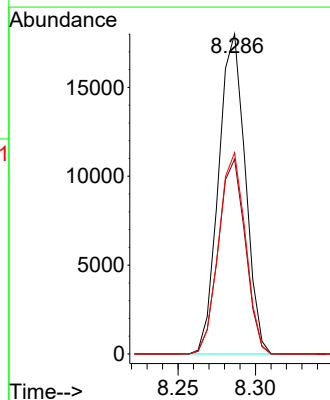
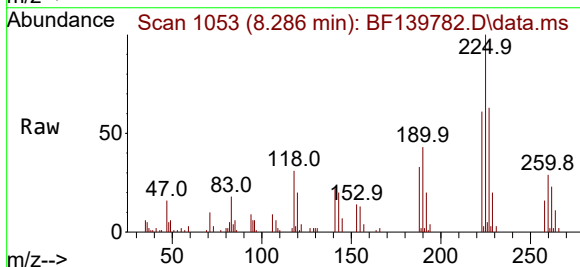
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MS

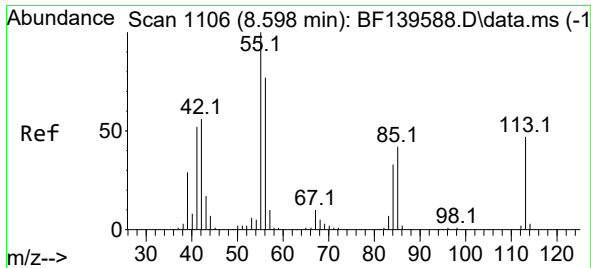
Tgt Ion:	127	Resp:	24210
Ion	Ratio	Lower	Upper
127	100		
129	34.2	26.2	39.4
65	36.8	29.3	43.9
92	21.4	16.9	25.3



#34
Hexachlorobutadiene
Concen: 10.598 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion:	225	Resp:	21569
Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.9	76.3
227	62.9	50.7	76.1

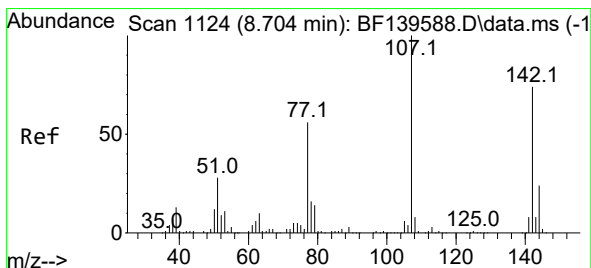
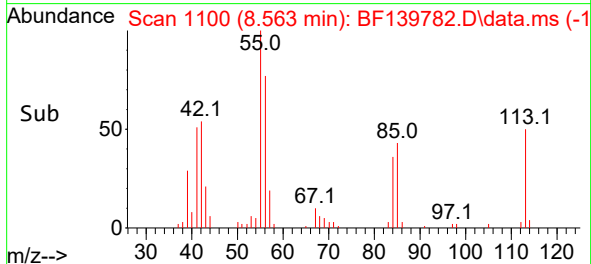
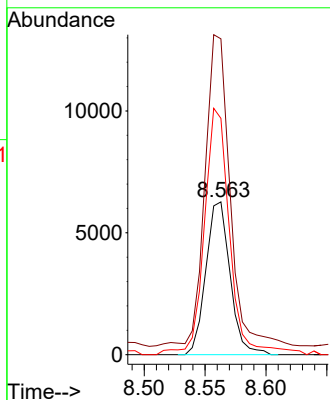
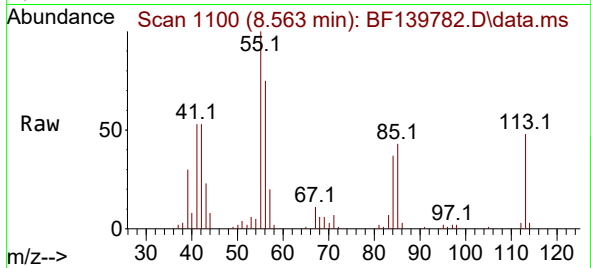




#35
 Caprolactam
 Concen: 9.525 ng
 RT: 8.563 min Scan# 1100
 Delta R.T. -0.035 min
 Lab File: BF139782.D
 Acq: 11 Oct 2024 18:39

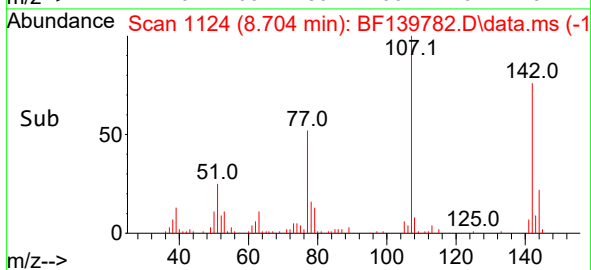
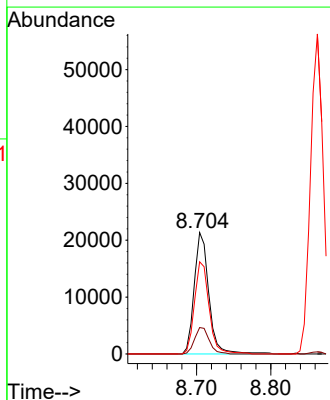
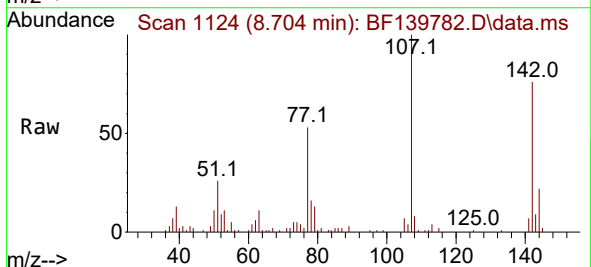
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-100924MS

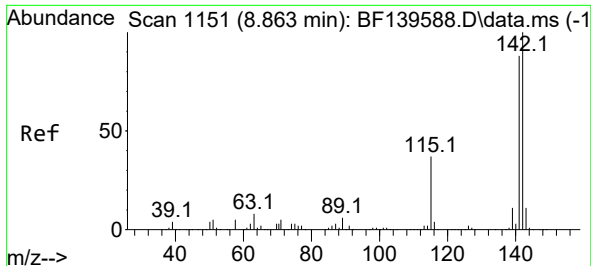
Tgt Ion:113 Resp: 8688
 Ion Ratio Lower Upper
 113 100
 55 206.8 193.4 233.4
 56 154.7 143.8 183.8



#36
 4-Chloro-3-methylphenol
 Concen: 9.298 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. -0.000 min
 Lab File: BF139782.D
 Acq: 11 Oct 2024 18:39

Tgt Ion:107 Resp: 29269
 Ion Ratio Lower Upper
 107 100
 144 21.8 19.0 28.6
 142 76.0 59.2 88.8

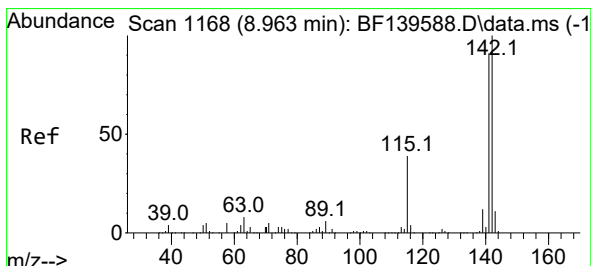
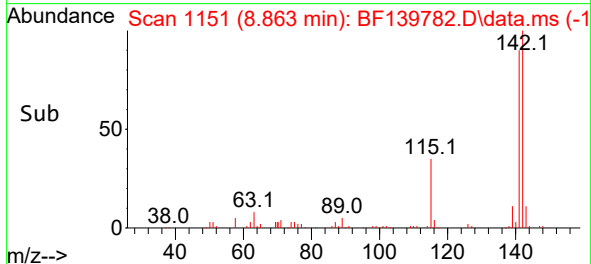
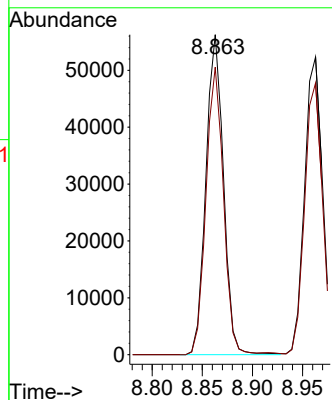
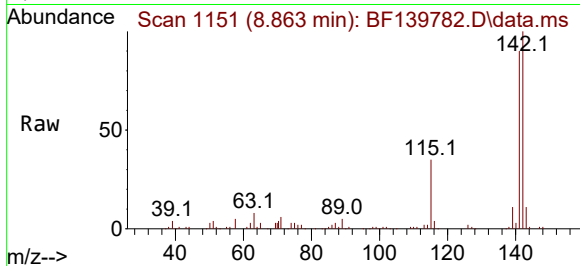




#37
2-Methylnaphthalene
Concen: 10.417 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

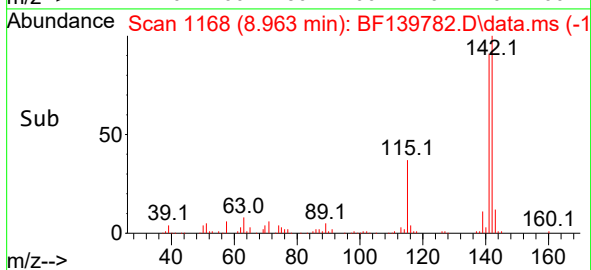
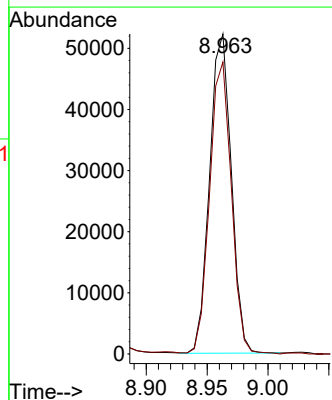
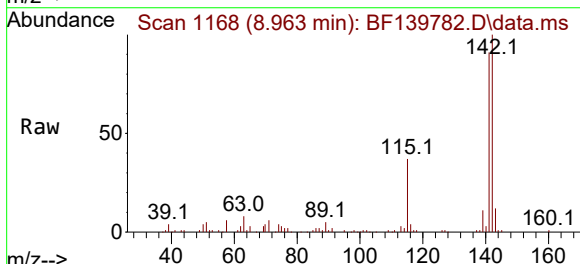
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MS

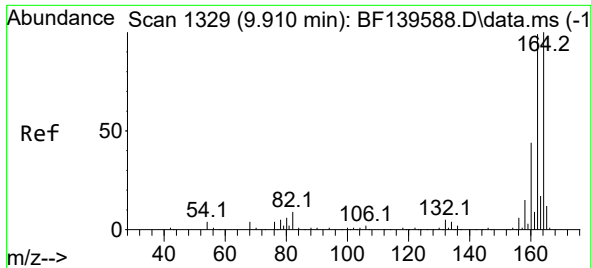
Tgt Ion:142 Resp: 68711
Ion Ratio Lower Upper
142 100
141 89.8 70.4 105.6



#38
1-Methylnaphthalene
Concen: 10.017 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion:142 Resp: 64586
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.4

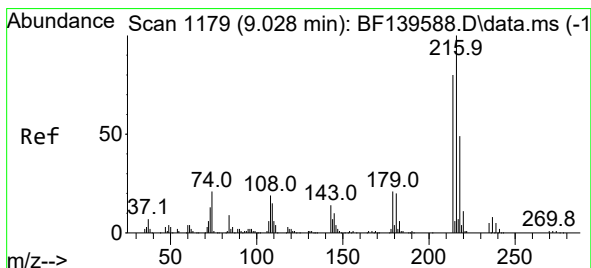
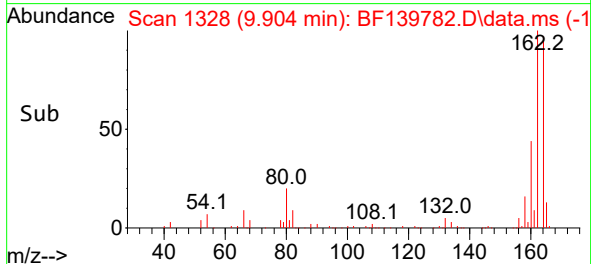
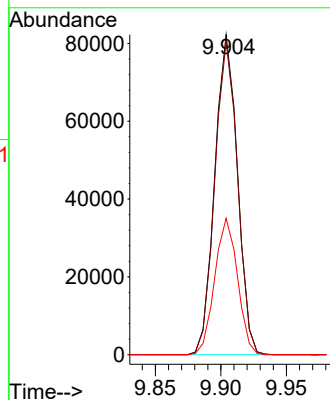
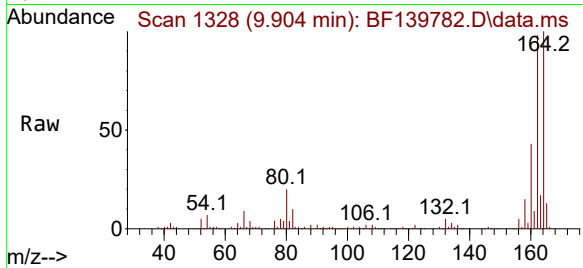




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

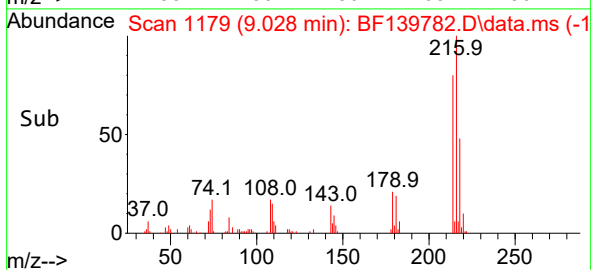
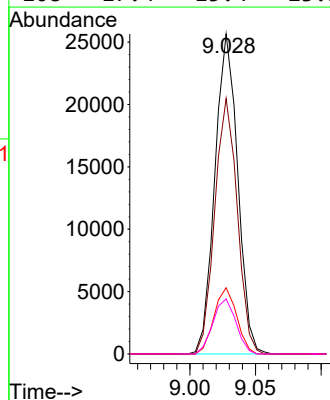
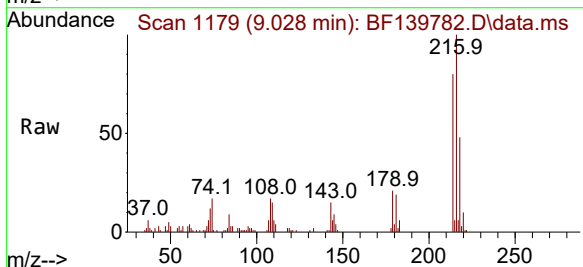
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MS

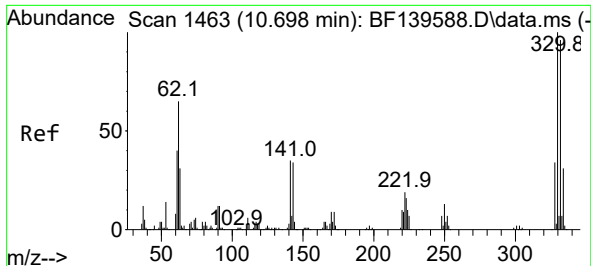
Tgt Ion:164 Resp: 98766
Ion Ratio Lower Upper
164 100
162 97.8 79.4 119.0
160 42.6 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 11.310 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion:216 Resp: 31019
Ion Ratio Lower Upper
216 100
214 78.6 63.7 95.5
179 20.5 16.9 25.3
108 17.4 15.4 23.2





#42

2,4,6-Tribromophenol

Concen: 24.363 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MS

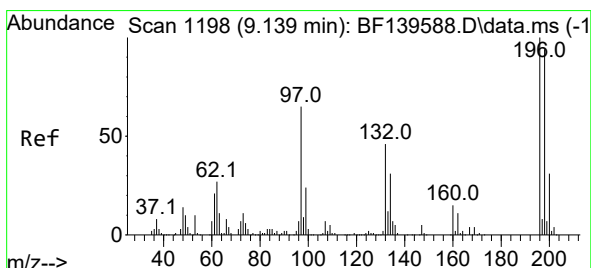
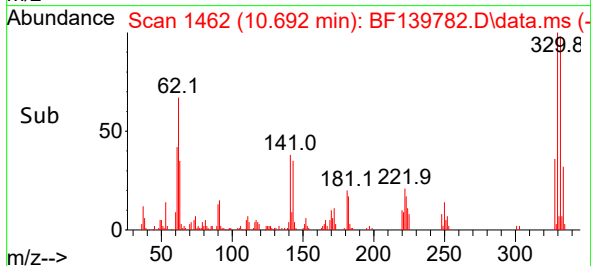
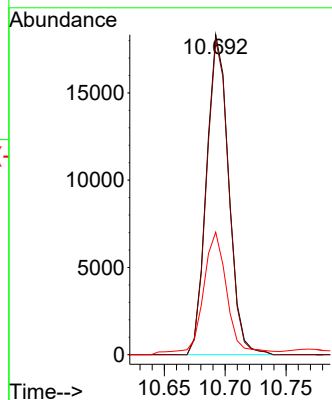
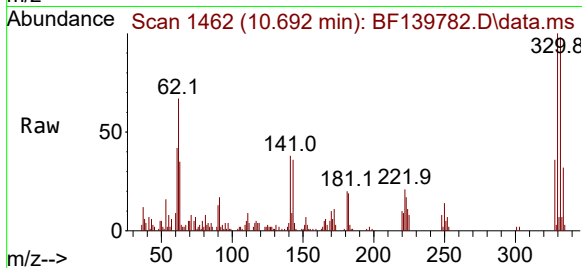
Tgt Ion:330 Resp: 23228

Ion Ratio Lower Upper

330 100

332 97.9 76.5 114.7

141 41.7 29.3 43.9



#43

2,4,6-Trichlorophenol

Concen: 10.536 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

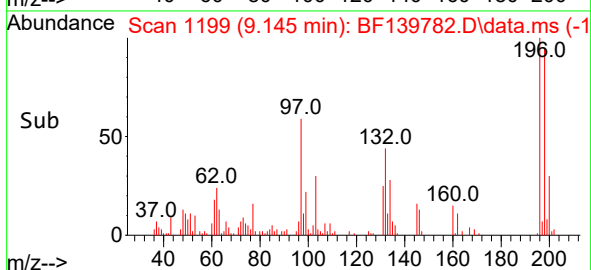
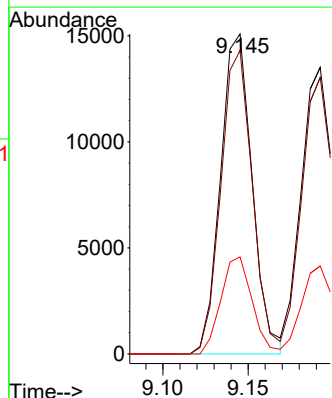
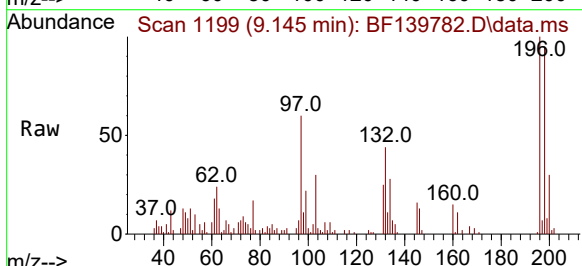
Tgt Ion:196 Resp: 19480

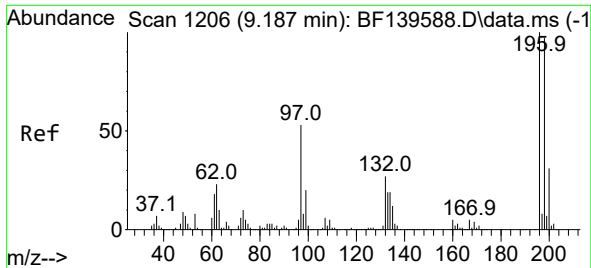
Ion Ratio Lower Upper

196 100

198 94.8 75.2 112.8

200 30.3 24.6 37.0

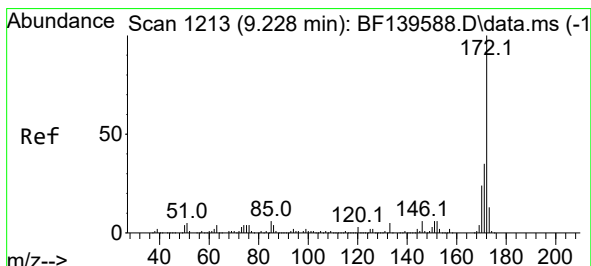
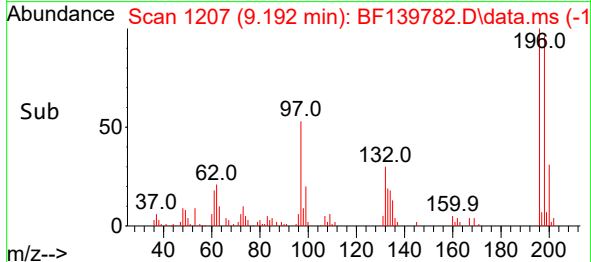
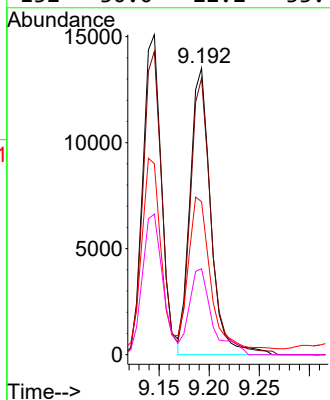
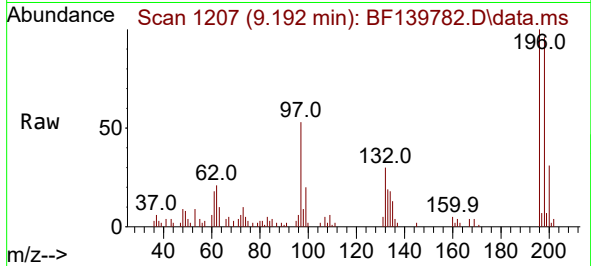




#44
2,4,5-Trichlorophenol
Concen: 9.718 ng
RT: 9.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

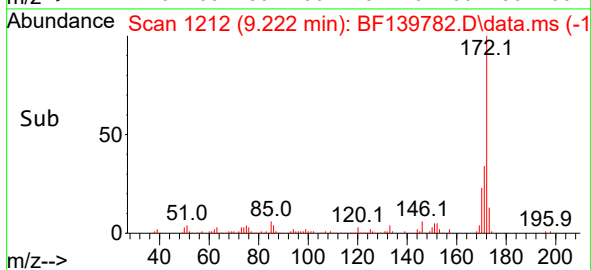
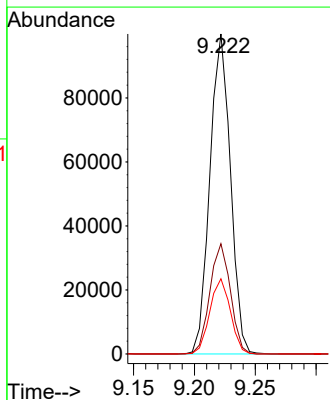
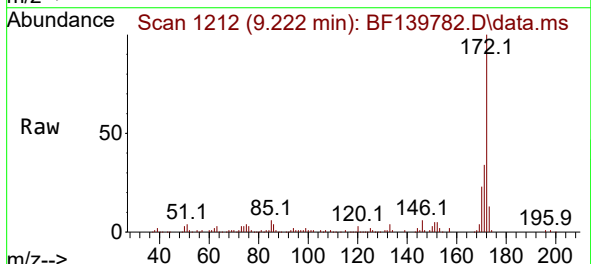
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MS

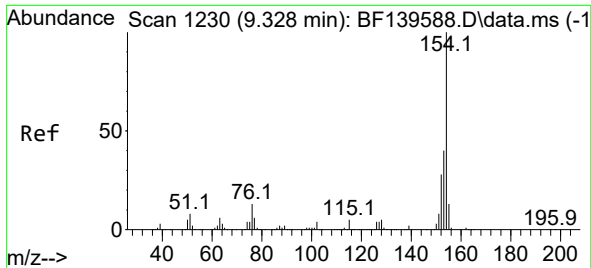
Tgt Ion:196	Resp:	19376
Ion Ratio	Lower	Upper
196	100	
198	96.5	77.5 116.3
97	53.4	43.1 64.7
132	30.0	22.2 33.4



#45
2-Fluorobiphenyl
Concen: 18.294 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion:172	Resp:	117692
Ion Ratio	Lower	Upper
172	100	
171	34.5	28.2 42.4
170	23.5	18.8 28.2

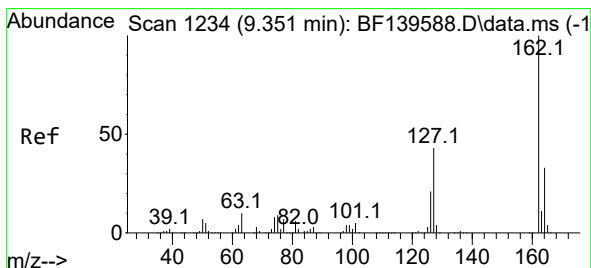
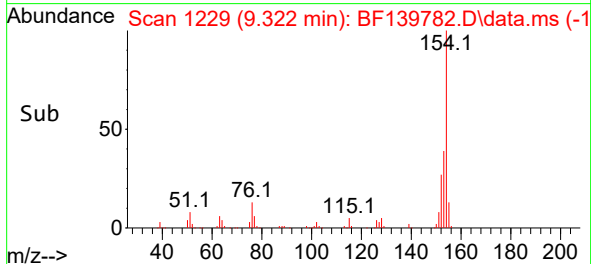
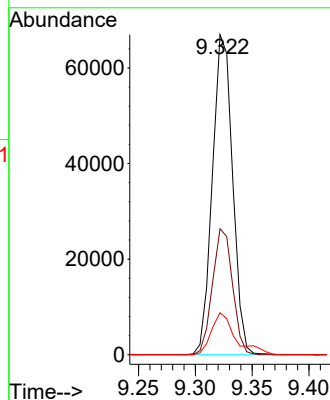
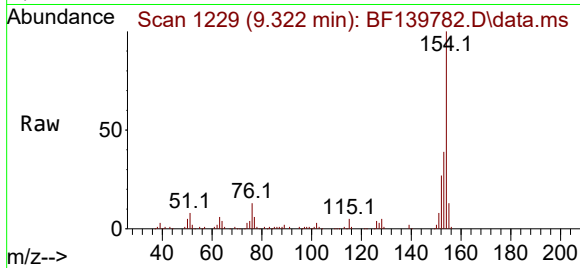




#46
1,1'-Biphenyl
Concen: 11.268 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

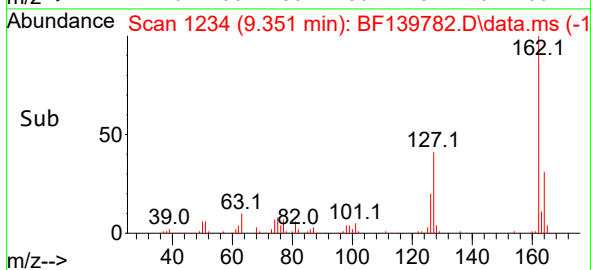
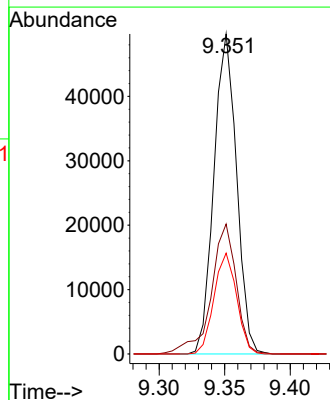
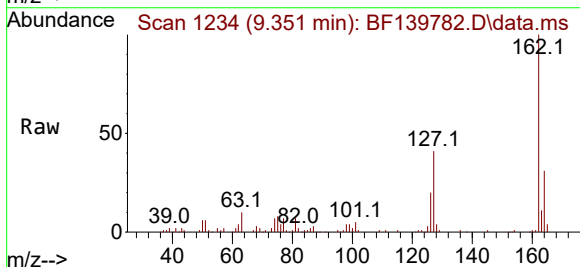
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MS

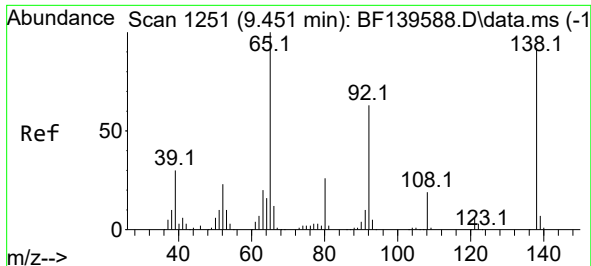
Tgt Ion:154 Resp: 82773
Ion Ratio Lower Upper
154 100
153 39.3 20.1 60.1
76 13.1 0.0 32.6



#47
2-Chloronaphthalene
Concen: 10.821 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion:162 Resp: 59593
Ion Ratio Lower Upper
162 100
127 40.6 35.0 52.4
164 31.5 26.1 39.1

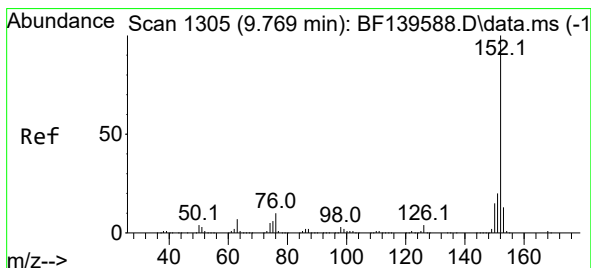
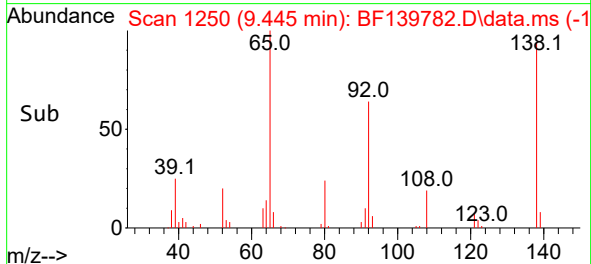
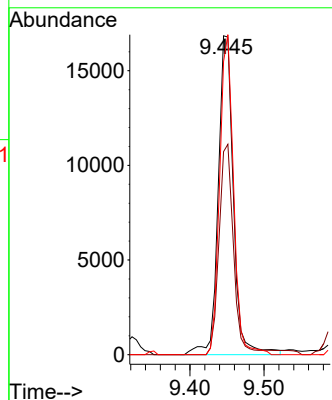
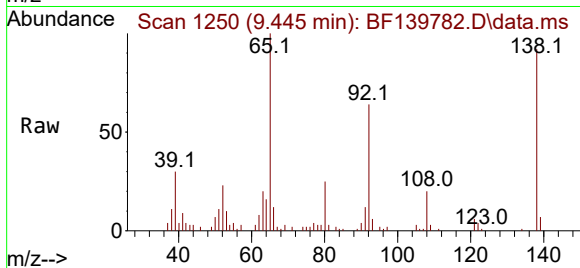




#48
2-Nitroaniline
Concen: 12.162 ng
RT: 9.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

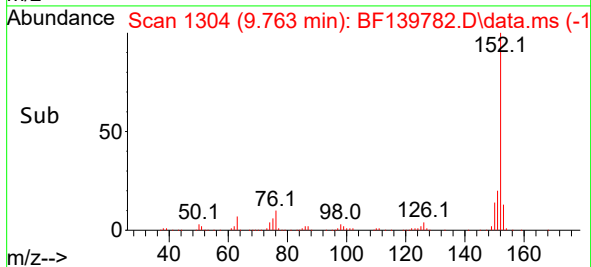
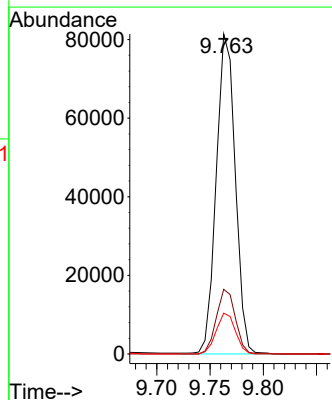
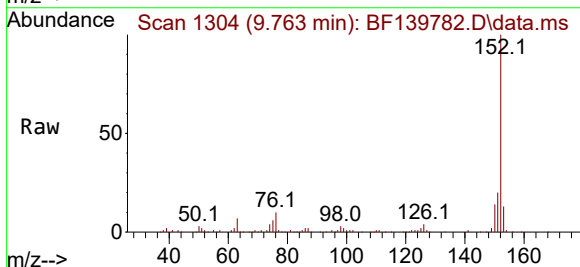
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MS

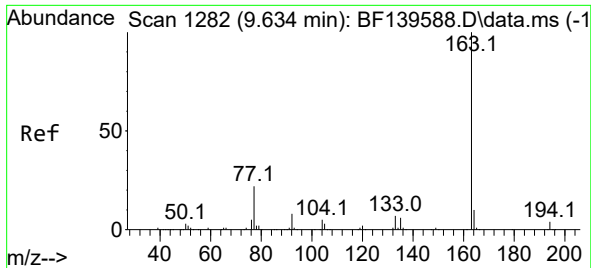
Tgt Ion: 65 Resp: 24043
Ion Ratio Lower Upper
65 100
92 63.7 50.0 75.0
138 91.9 73.8 110.8



#49
Acenaphthylene
Concen: 12.068 ng
RT: 9.763 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion: 152 Resp: 101072
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 12.7 10.5 15.7

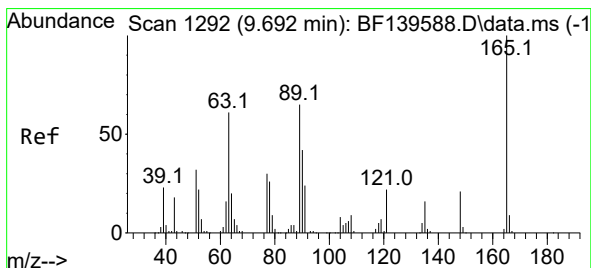
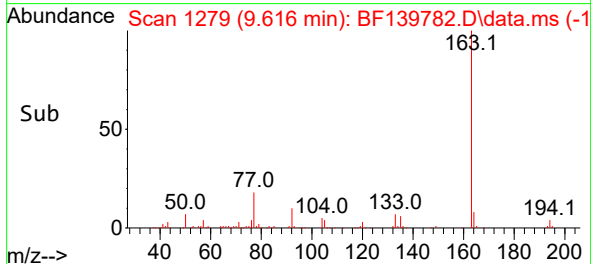
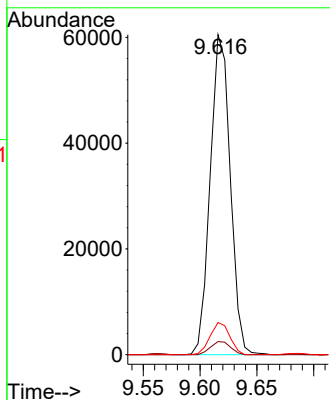
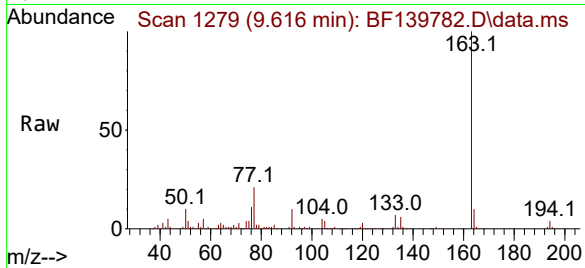




#50
 Dimethylphthalate
 Concen: 11.499 ng
 RT: 9.616 min Scan# 1279
 Delta R.T. -0.018 min
 Lab File: BF139782.D
 Acq: 11 Oct 2024 18:39

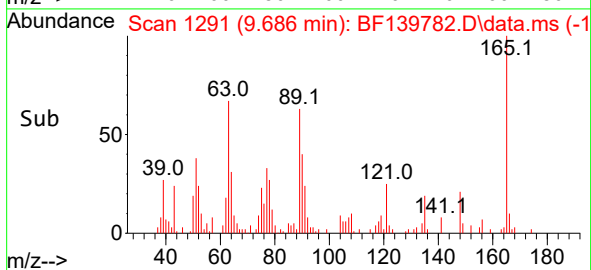
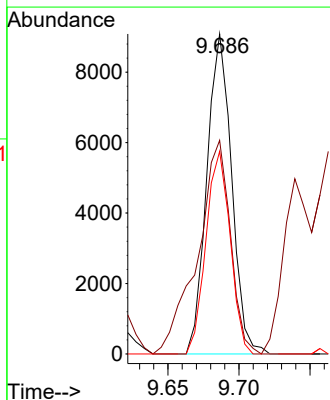
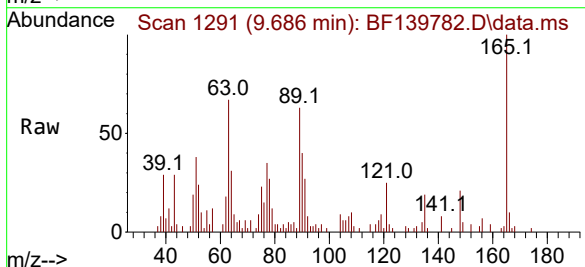
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-100924MS

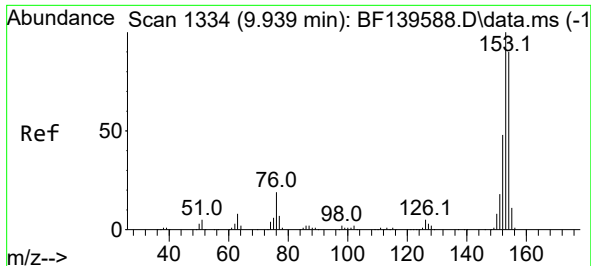
Tgt Ion:163 Resp: 74343
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.4 5.0
 164 10.1 8.1 12.1



#51
 2,6-Dinitrotoluene
 Concen: 7.537 ng
 RT: 9.686 min Scan# 1291
 Delta R.T. -0.006 min
 Lab File: BF139782.D
 Acq: 11 Oct 2024 18:39

Tgt Ion:165 Resp: 11007
 Ion Ratio Lower Upper
 165 100
 63 66.8 56.7 85.1
 89 63.3 51.6 77.4

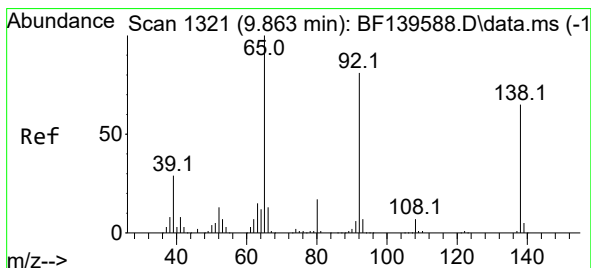
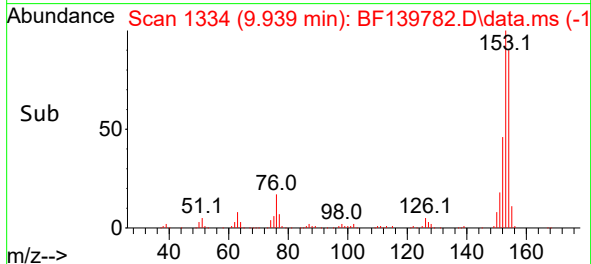
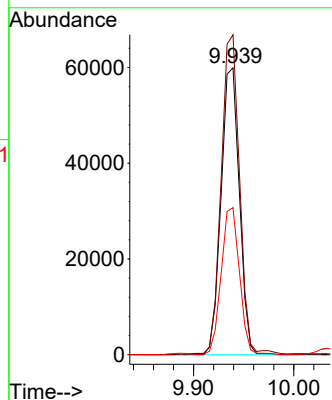
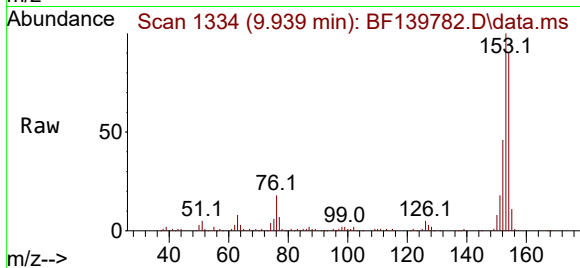




#52
Acenaphthene
Concen: 13.207 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

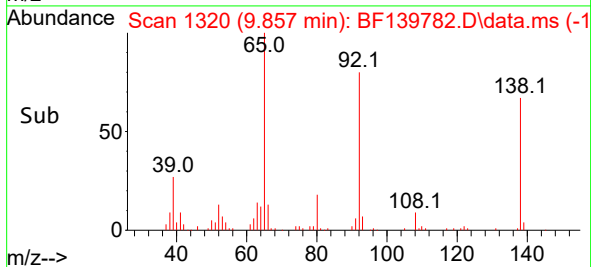
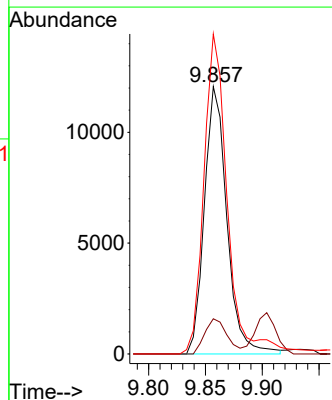
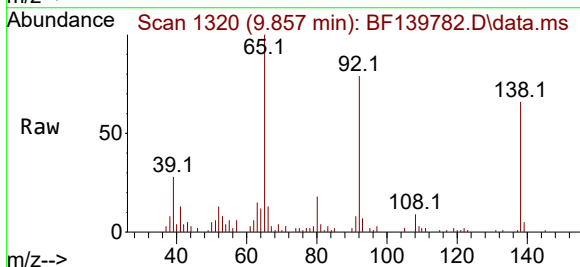
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MS

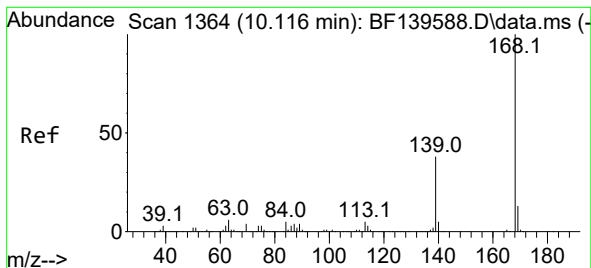
Tgt Ion:154 Resp: 75930
Ion Ratio Lower Upper
154 100
153 111.5 88.8 133.2
152 51.3 42.5 63.7



#53
3-Nitroaniline
Concen: 11.151 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion:138 Resp: 16643
Ion Ratio Lower Upper
138 100
108 13.2 8.8 13.2
92 119.7 100.0 150.0





#55

Dibenzenofuran

Concen: 12.250 ng

RT: 10.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MS

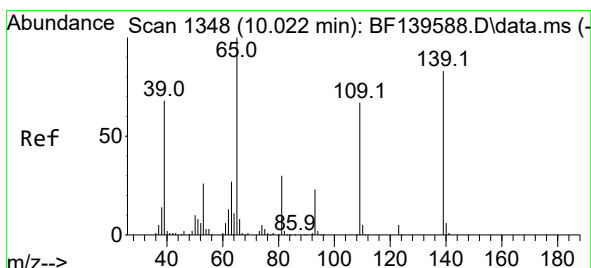
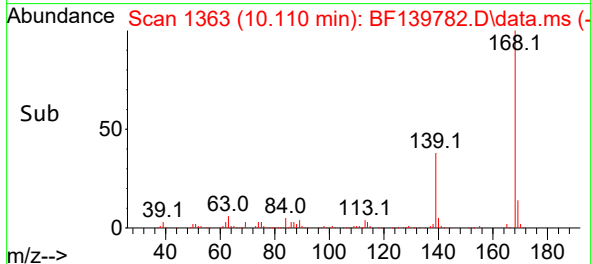
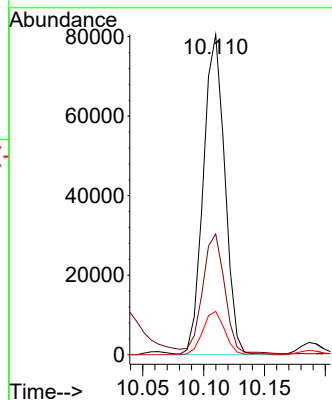
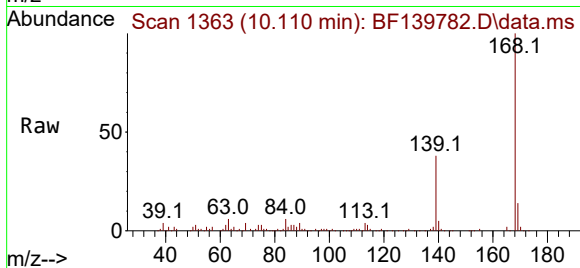
Tgt Ion:168 Resp: 98615

Ion Ratio Lower Upper

168 100

139 37.7 30.4 45.6

169 13.6 10.7 16.1



#56

4-Nitrophenol

Concen: 17.704 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.018 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

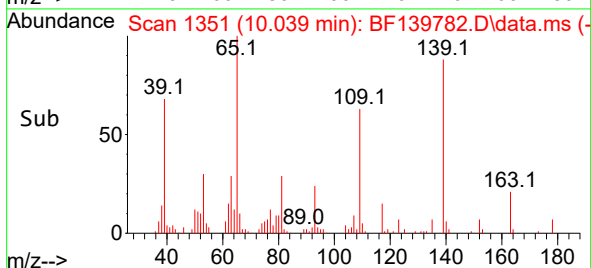
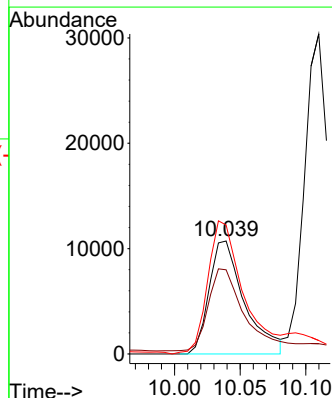
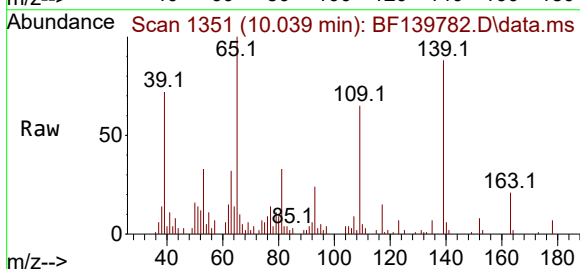
Tgt Ion:139 Resp: 20150

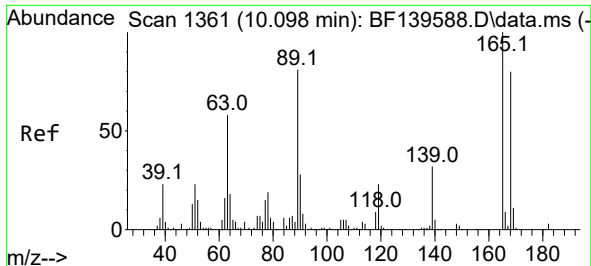
Ion Ratio Lower Upper

139 100

109 74.5 60.3 100.3

65 114.2 100.8 140.8

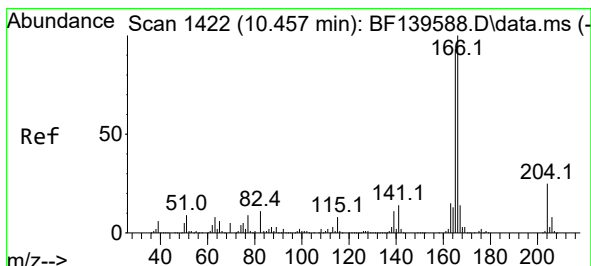
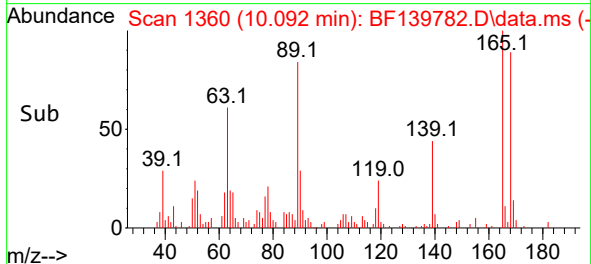
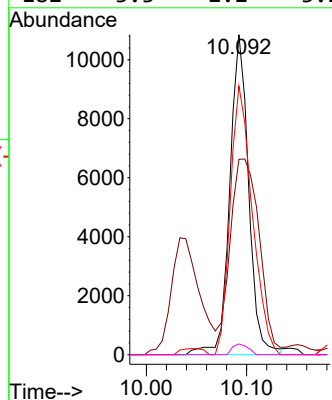
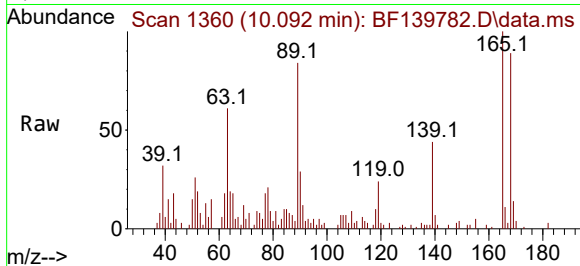




#57
2,4-Dinitrotoluene
Concen: 7.428 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

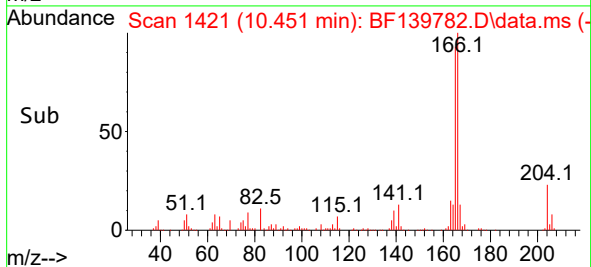
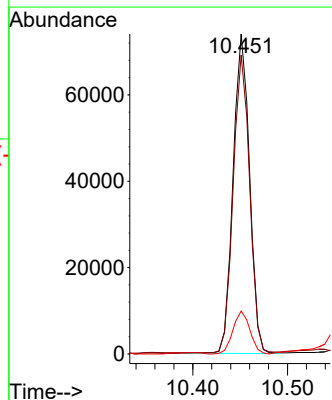
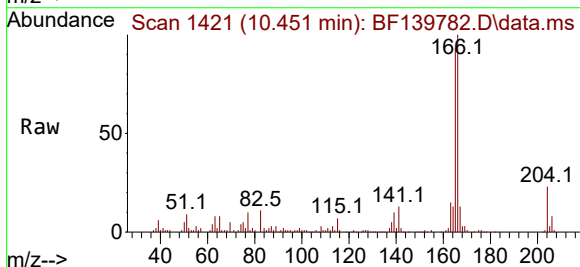
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MS

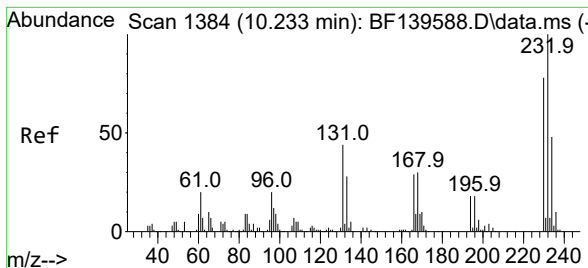
Tgt Ion:165 Resp: 14180
Ion Ratio Lower Upper
165 100
63 61.0 46.9 70.3
89 83.9 64.4 96.6
182 3.3 2.2 3.2#



#58
Fluorene
Concen: 13.875 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion:166 Resp: 88959
Ion Ratio Lower Upper
166 100
165 93.4 74.4 111.6
167 13.4 10.9 16.3



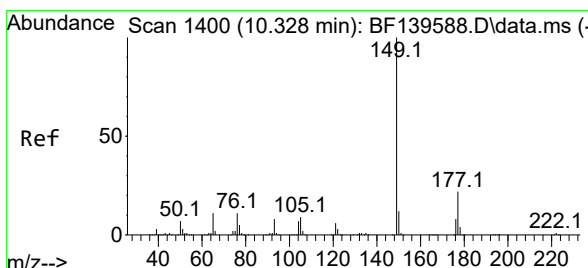
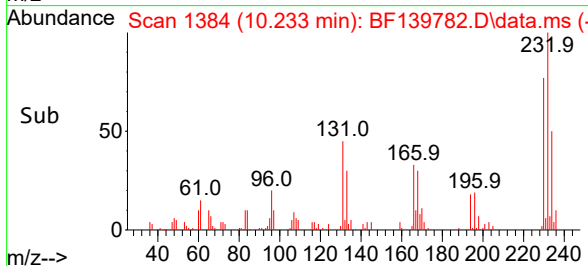
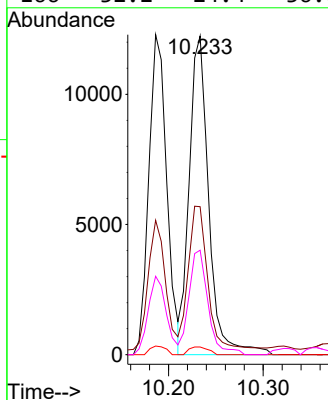
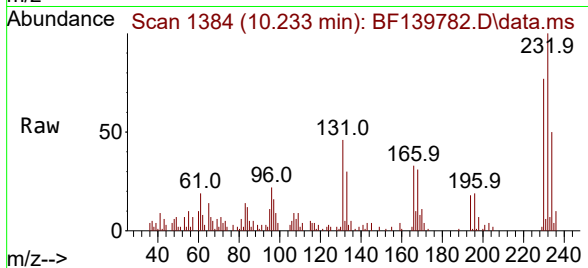


#59
2,3,4,6-Tetrachlorophenol
Concen: 10.890 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Instrument :
BNA_F
ClientSampleId :
HD-01-100924MS

Tgt Ion:232 Resp: 17537

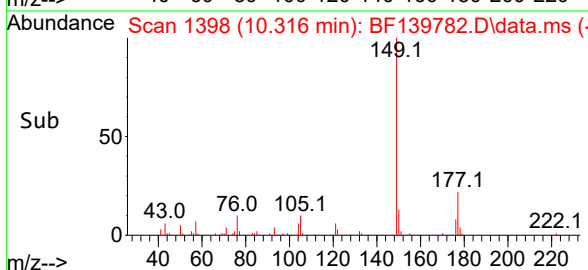
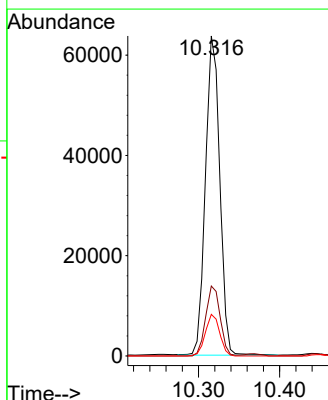
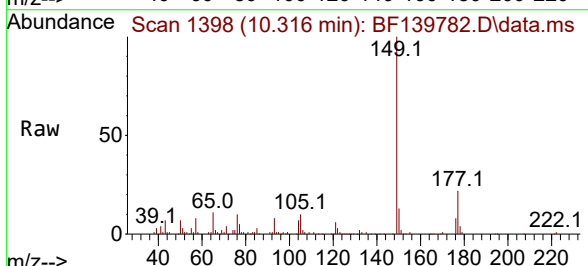
Ion	Ratio	Lower	Upper
232	100		
131	45.0	37.8	56.6
130	2.4	1.9	2.9
166	32.2	24.4	36.6

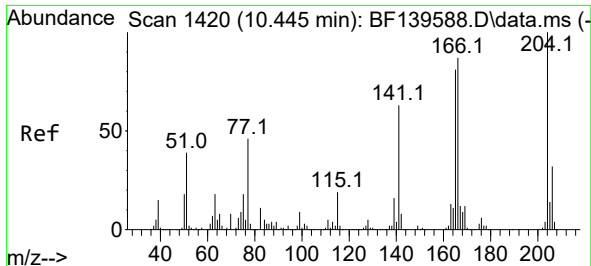


#60
Diethylphthalate
Concen: 11.659 ng
RT: 10.316 min Scan# 1398
Delta R.T. -0.012 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion:149 Resp: 77861

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.0
150	13.0	10.0	15.0

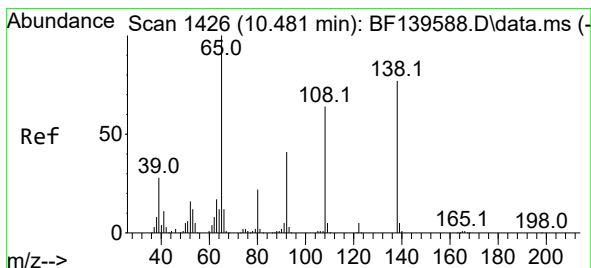
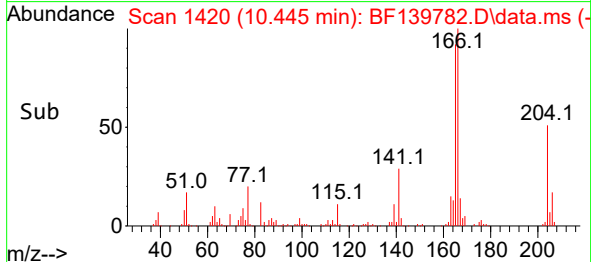
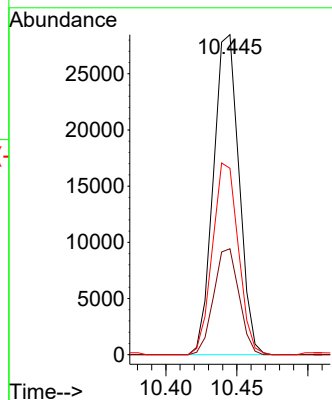
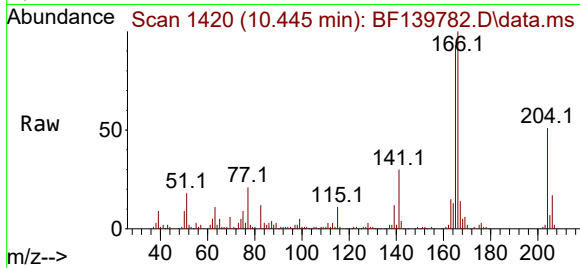




#61
4-Chlorophenyl-phenylether
Concen: 11.141 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

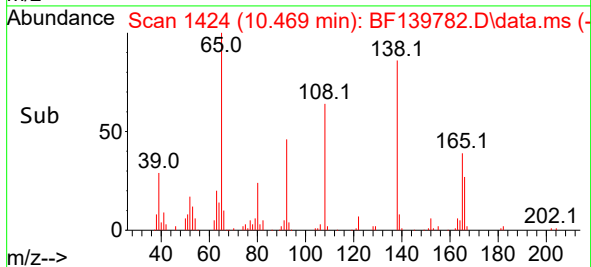
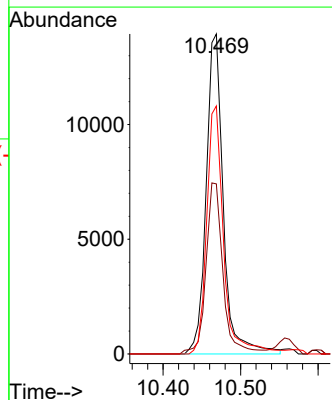
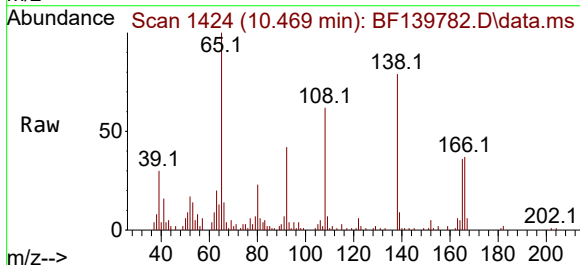
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MS

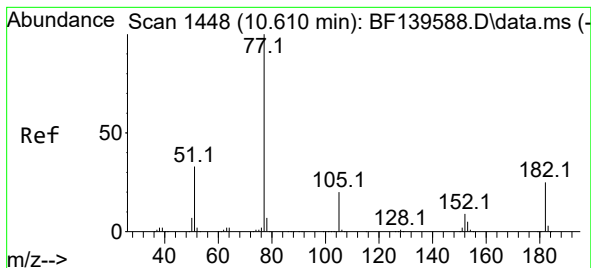
Tgt Ion:204 Resp: 35736
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 58.2 50.5 75.7



#62
4-Nitroaniline
Concen: 14.056 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion:138 Resp: 21459
Ion Ratio Lower Upper
138 100
92 53.1 33.3 73.3
108 77.5 62.1 102.1





#63

Azobenzene

Concen: 11.170 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MS

Tgt Ion: 77 Resp: 75015

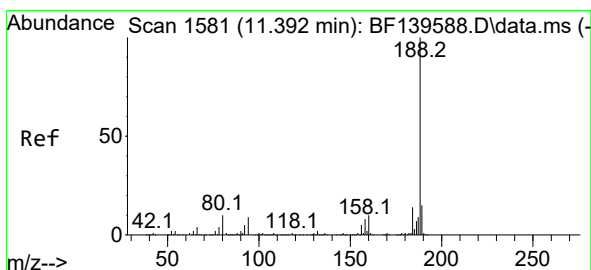
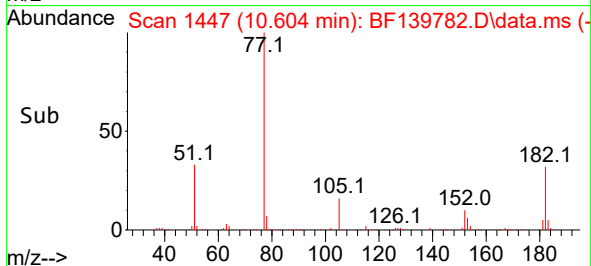
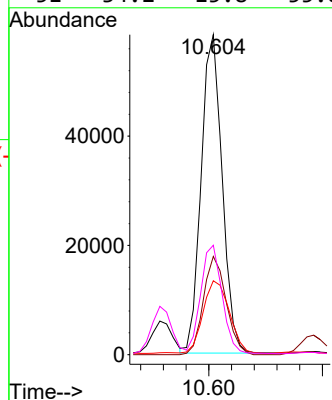
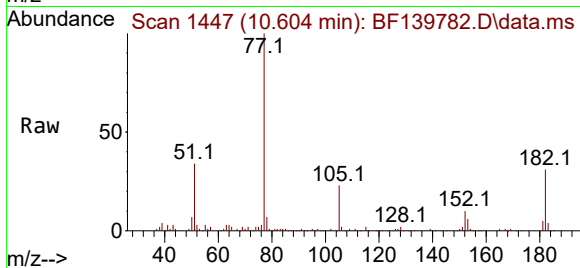
Ion Ratio Lower Upper

77 100

182 30.7 4.2 44.2

105 23.1 0.0 39.6

51 34.2 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: BF139782.D

Acq: 11 Oct 2024 18:39

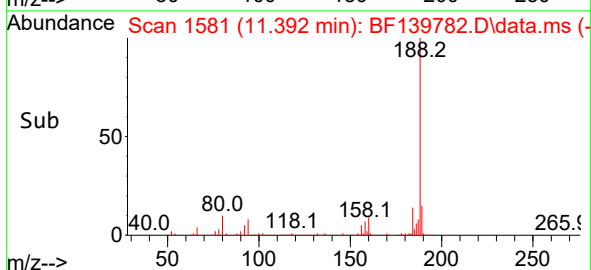
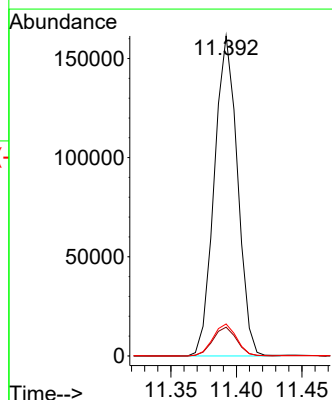
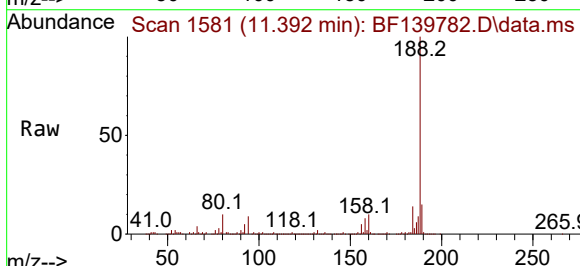
Tgt Ion:188 Resp: 198414

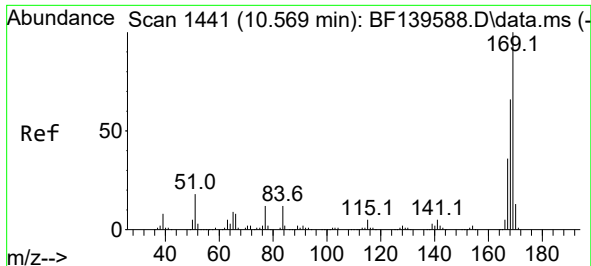
Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 10.0 8.2 12.2

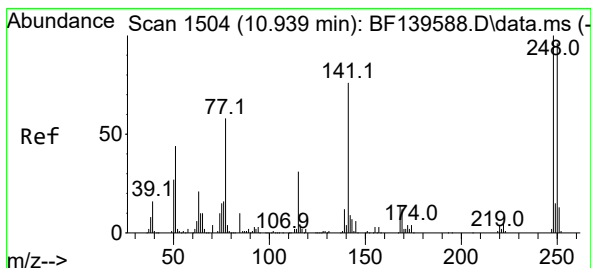
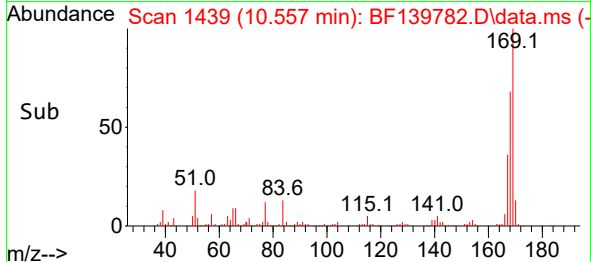
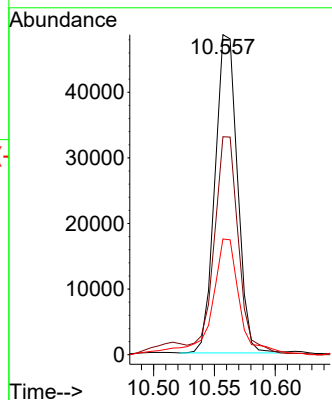
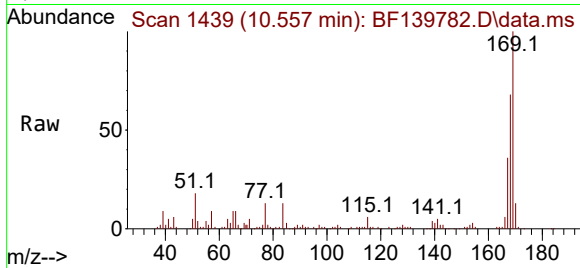




#66
n-Nitrosodiphenylamine
Concen: 10.622 ng
RT: 10.557 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

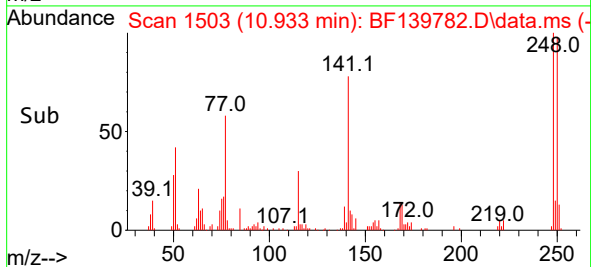
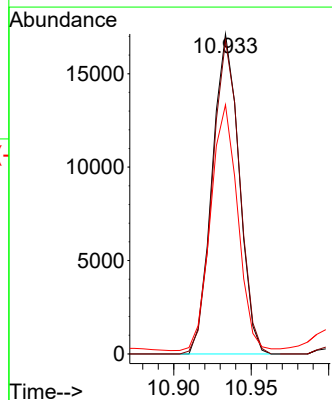
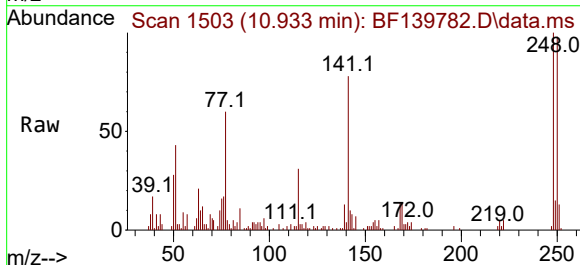
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MS

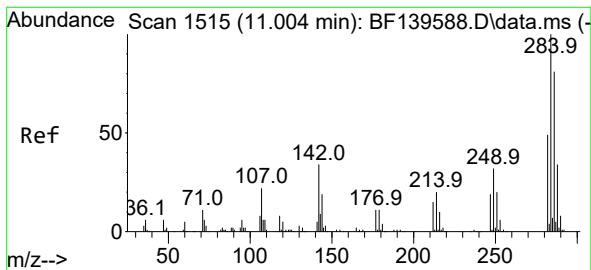
Tgt Ion:169 Resp: 62121
Ion Ratio Lower Upper
169 100
168 68.1 53.2 79.8
167 36.1 28.6 43.0



#67
4-Bromophenyl-phenylether
Concen: 10.164 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion:248 Resp: 20677
Ion Ratio Lower Upper
248 100
250 98.0 77.1 115.7
141 77.8 60.4 90.6





#68

Hexachlorobenzene

Concen: 9.854 ng

RT: 10.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MS

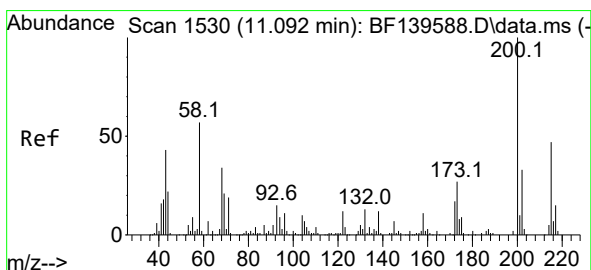
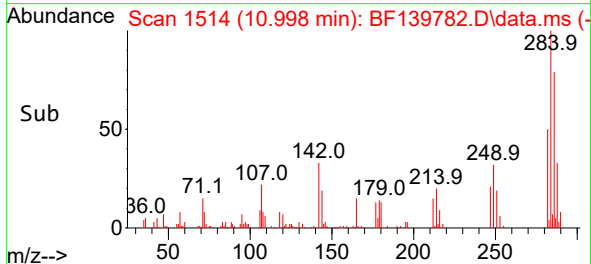
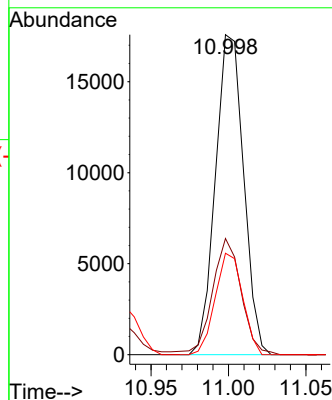
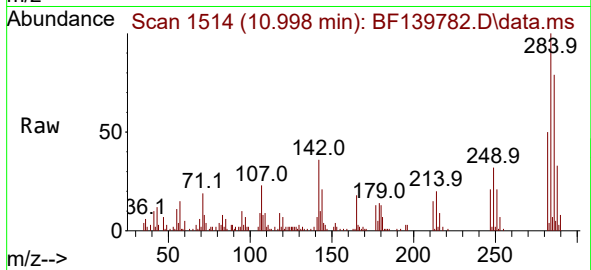
Tgt Ion:284 Resp: 22244

Ion Ratio Lower Upper

284 100

142 36.3 26.9 40.3

249 31.7 25.4 38.0



#69

Atrazine

Concen: 13.463 ng

RT: 11.086 min Scan# 1529

Delta R.T. -0.006 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

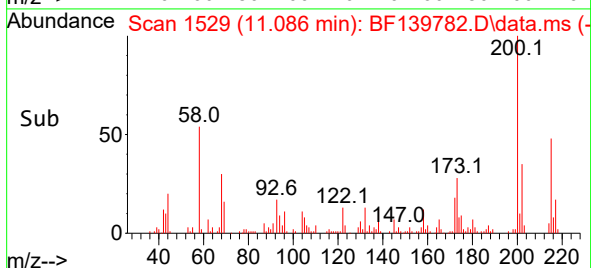
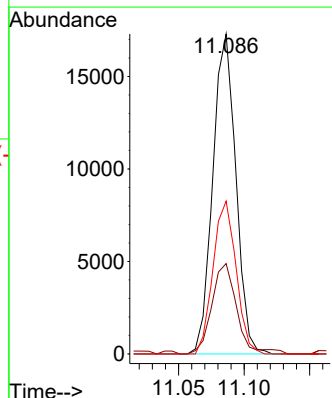
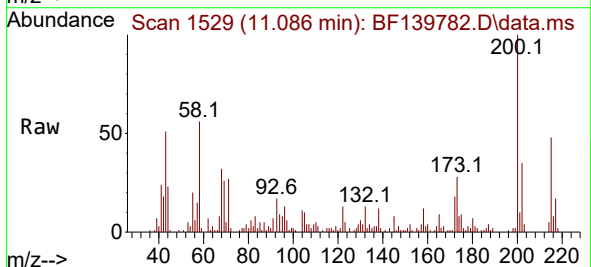
Tgt Ion:200 Resp: 21126

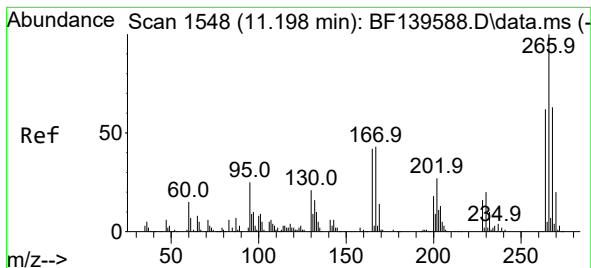
Ion Ratio Lower Upper

200 100

173 28.2 6.7 46.7

215 47.8 27.5 67.5





#70

Pentachlorophenol

Concen: 14.929 ng

RT: 11.198 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MS

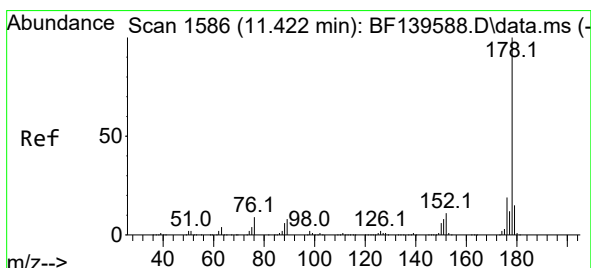
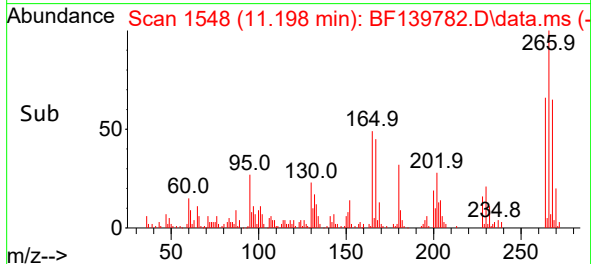
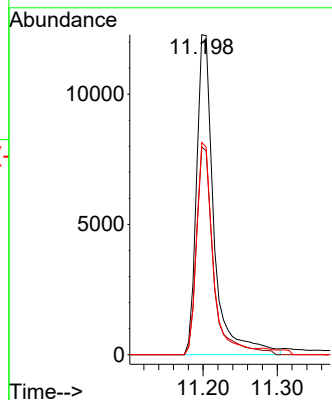
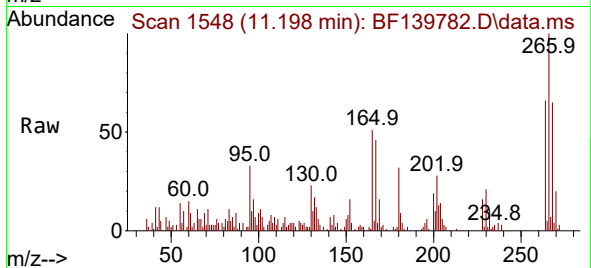
Tgt Ion:266 Resp: 20067

Ion Ratio Lower Upper

266 100

268 64.9 50.0 75.0

264 66.3 49.3 73.9



#71

Phenanthrene

Concen: 33.750 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

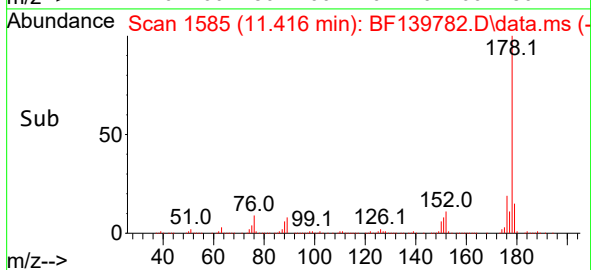
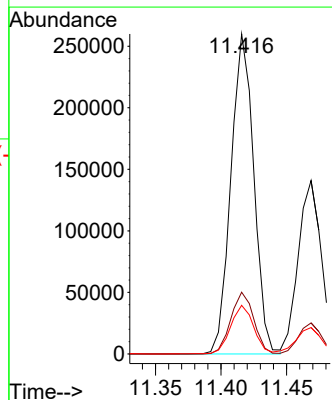
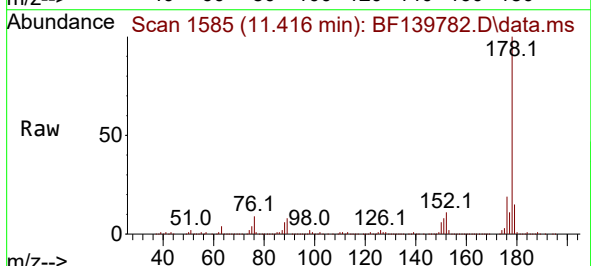
Tgt Ion:178 Resp: 315744

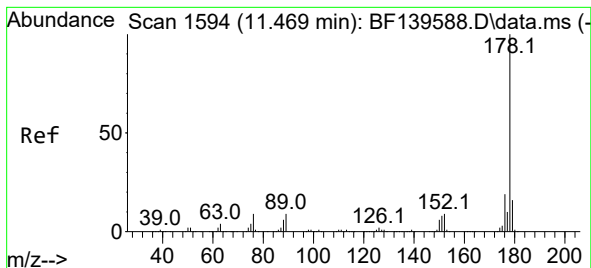
Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.2 12.3 18.5





#72

Anthracene

Concen: 18.720 ng

RT: 11.469 min Scan# 1594

Delta R.T. -0.000 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MS

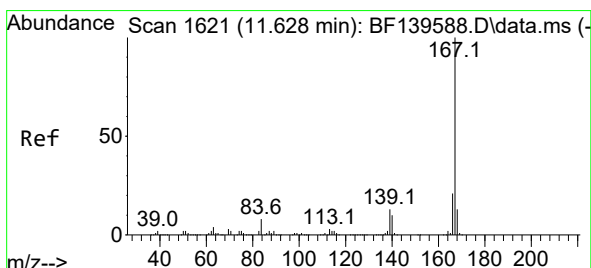
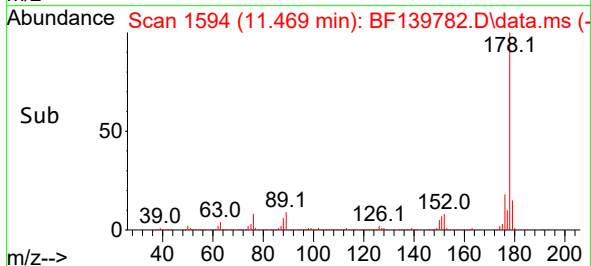
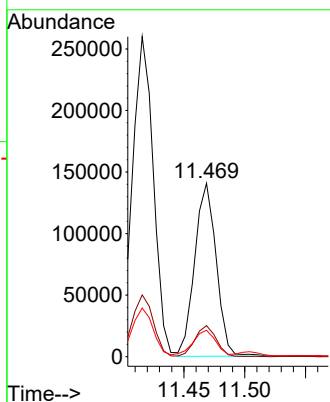
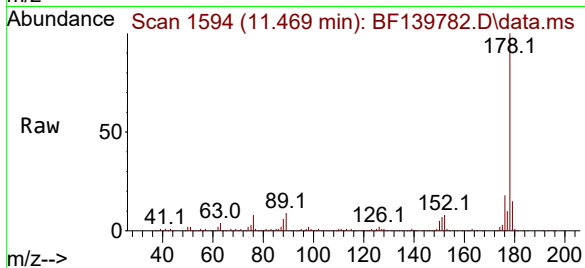
Tgt Ion:178 Resp: 173261

Ion Ratio Lower Upper

178 100

176 17.9 15.1 22.7

179 15.3 12.5 18.7



#73

Carbazole

Concen: 14.872 ng

RT: 11.627 min Scan# 1621

Delta R.T. -0.000 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

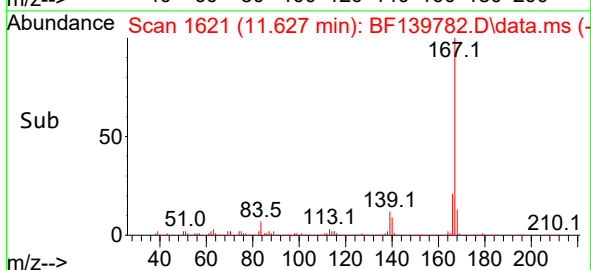
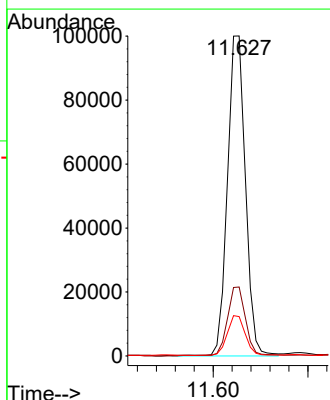
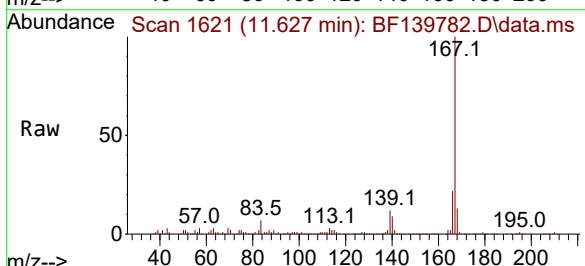
Tgt Ion:167 Resp: 132202

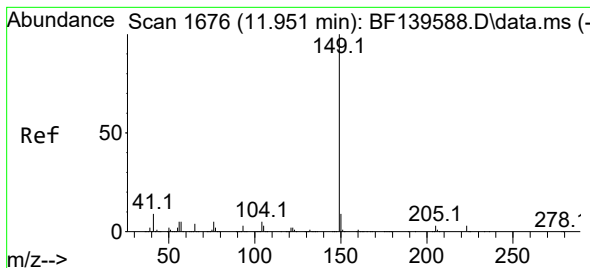
Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 12.3 10.3 15.5





#74

Di-n-butylphthalate

Concen: 11.933 ng

RT: 11.951 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MS

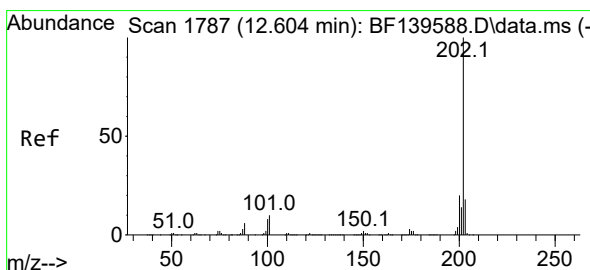
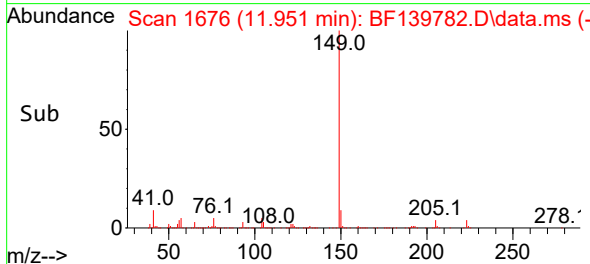
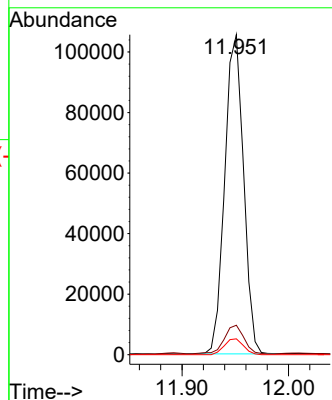
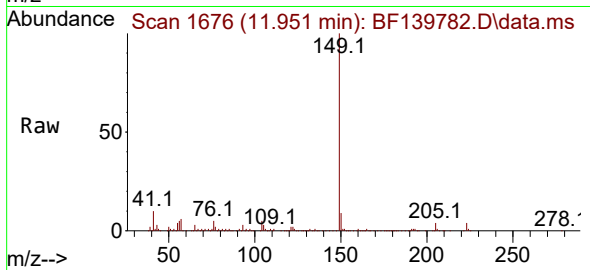
Tgt Ion:149 Resp: 128991

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 5.0 4.1 6.1



#75

Fluoranthene

Concen: 60.656 ng

RT: 12.610 min Scan# 1788

Delta R.T. 0.006 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

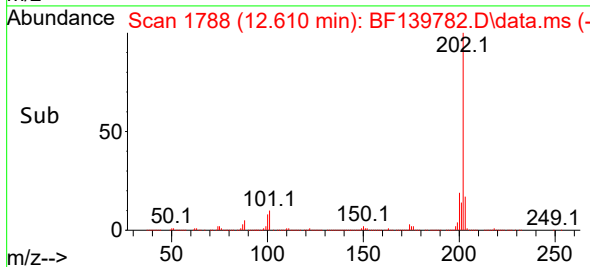
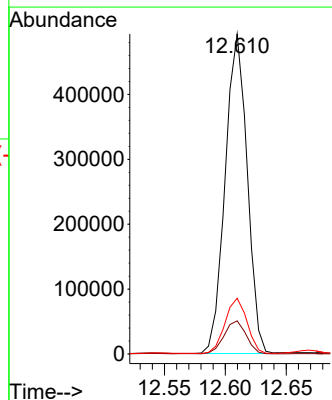
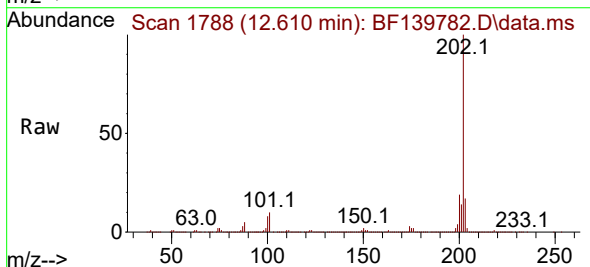
Tgt Ion:202 Resp: 620316

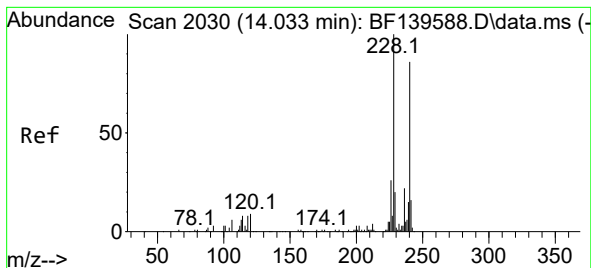
Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.2

203 17.4 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2030

Delta R.T. 0.006 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MS

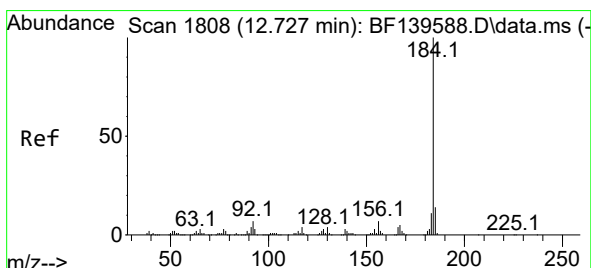
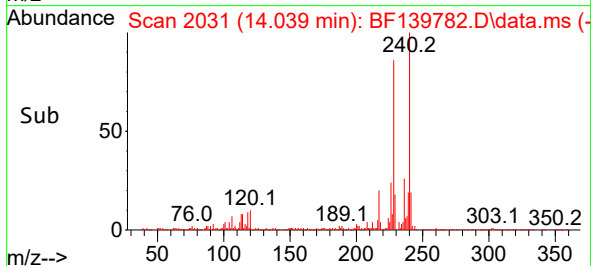
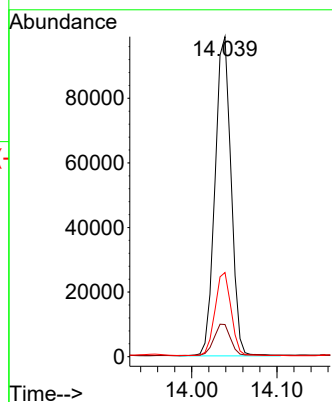
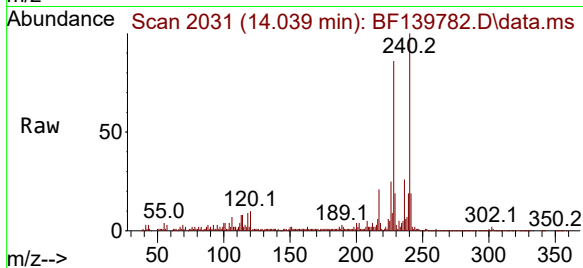
Tgt Ion:240 Resp: 130018

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

236 26.3 20.3 30.5



#77

Benzidine

Concen: 13.886 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.006 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

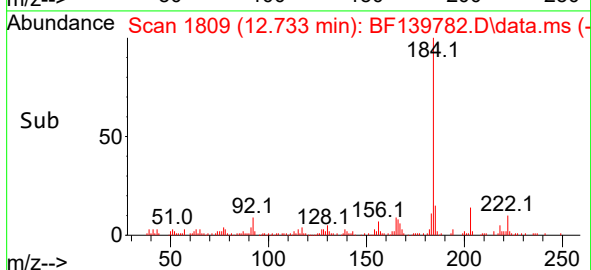
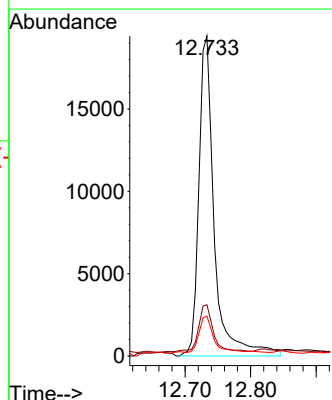
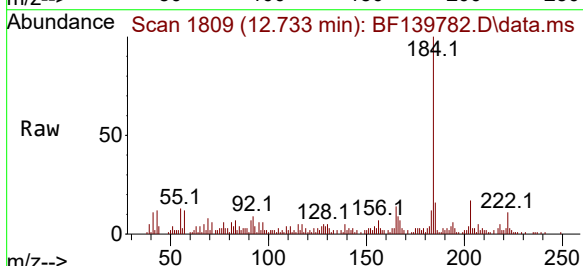
Tgt Ion:184 Resp: 31845

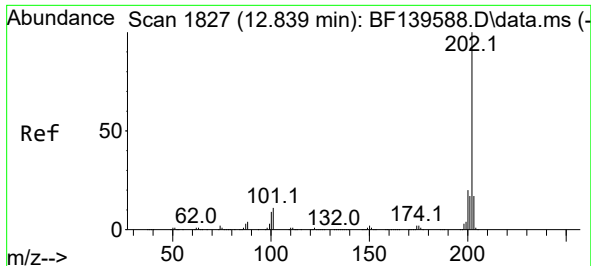
Ion Ratio Lower Upper

184 100

185 16.0 11.4 17.0

183 12.4 8.8 13.2

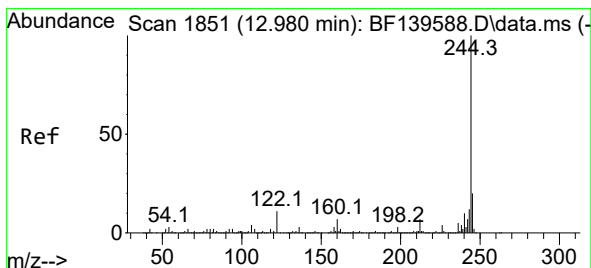
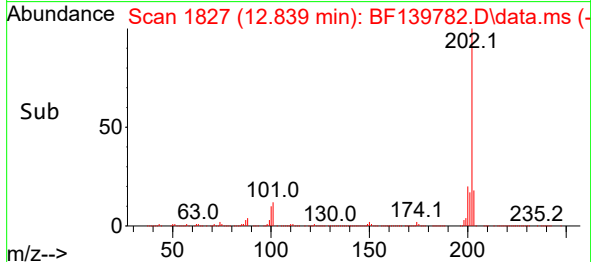
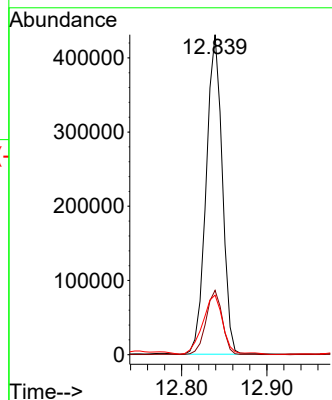
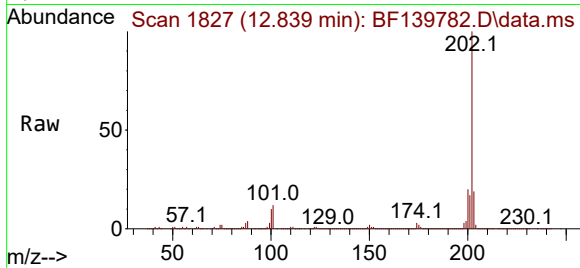




#78
Pyrene
Concen: 48.685 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

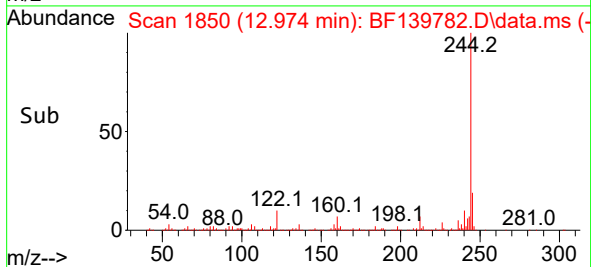
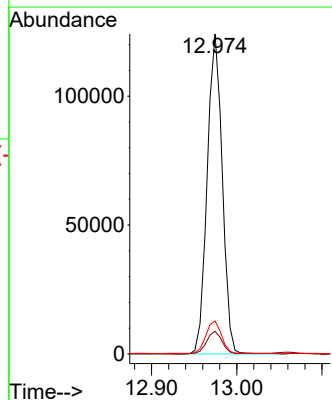
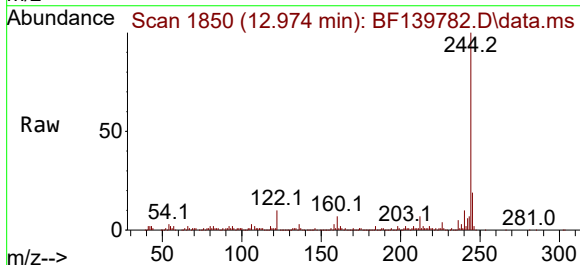
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MS

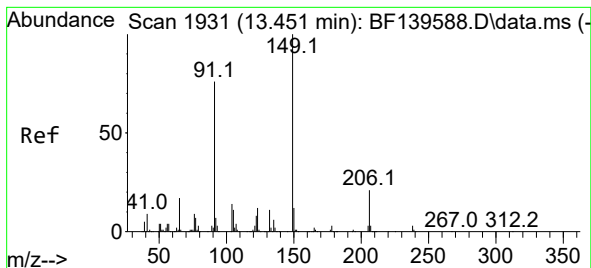
Tgt Ion:202 Resp: 566148
Ion Ratio Lower Upper
202 100
200 20.1 15.8 23.6
203 18.6 13.8 20.8



#79
Terphenyl-d14
Concen: 19.261 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion:244 Resp: 152626
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 10.3 8.6 12.8





#80

Butylbenzylphthalate

Concen: 14.174 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MS

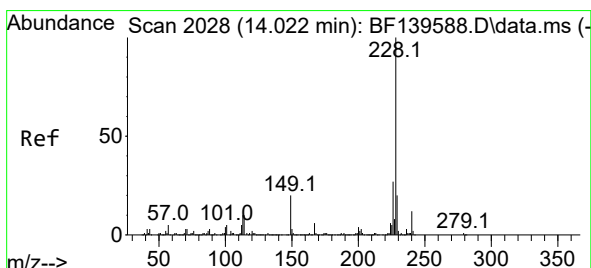
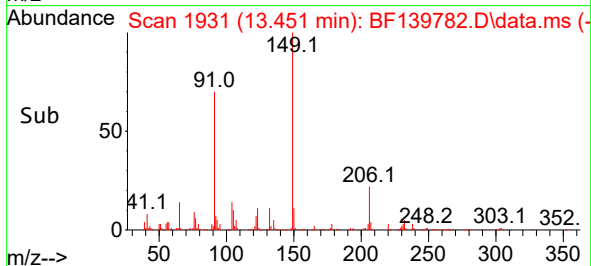
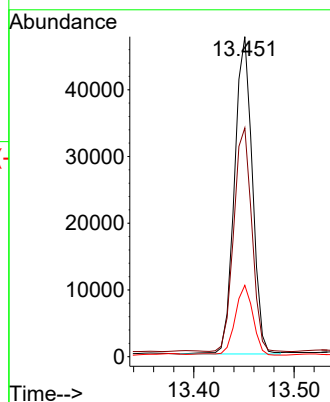
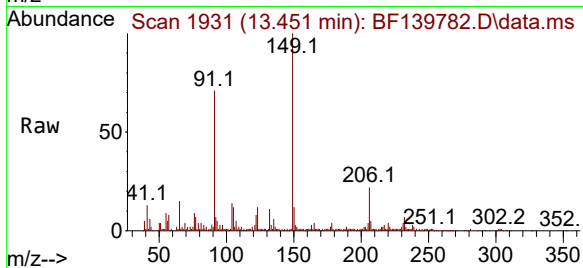
Tgt Ion:149 Resp: 58955

Ion Ratio Lower Upper

149 100

91 71.5 61.0 91.4

206 22.3 16.6 24.8



#81

Benzo(a)anthracene

Concen: 35.308 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

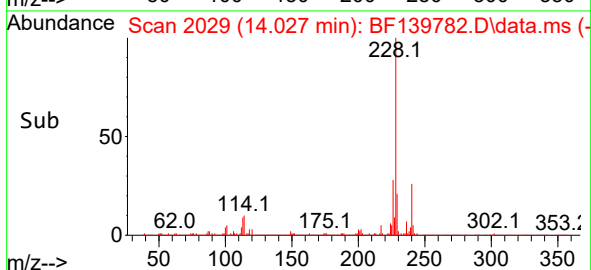
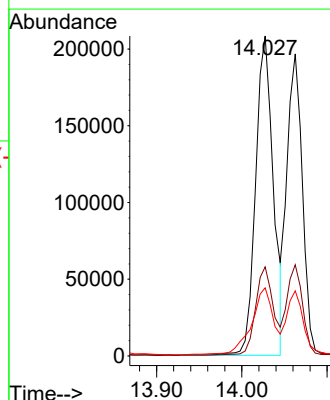
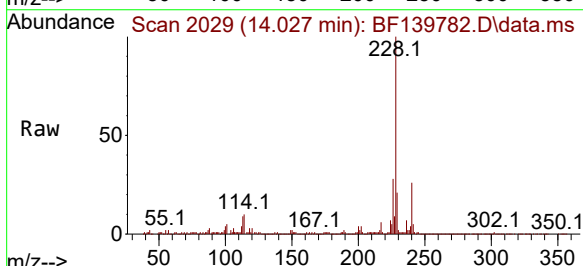
Tgt Ion:228 Resp: 301821

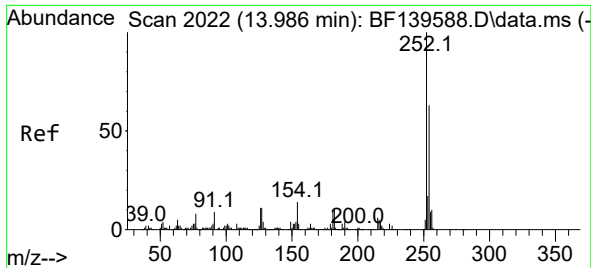
Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.8

229 21.3 15.8 23.8

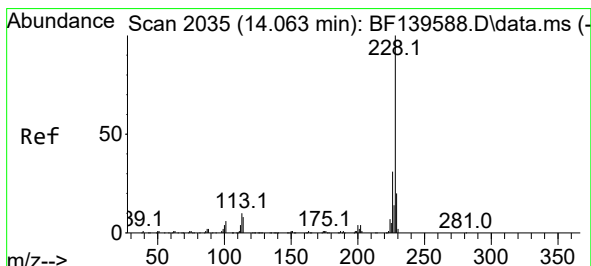
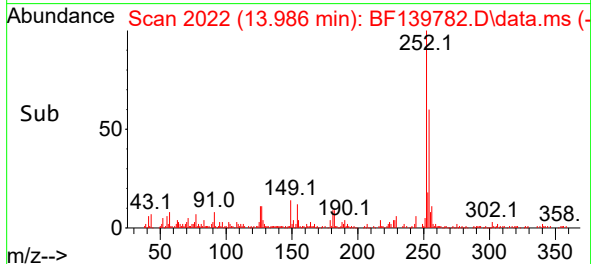
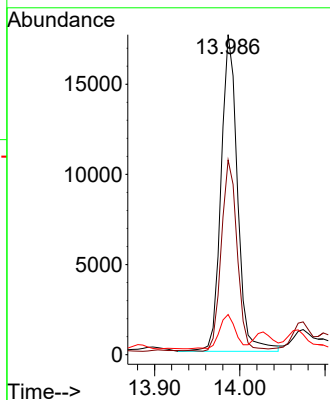
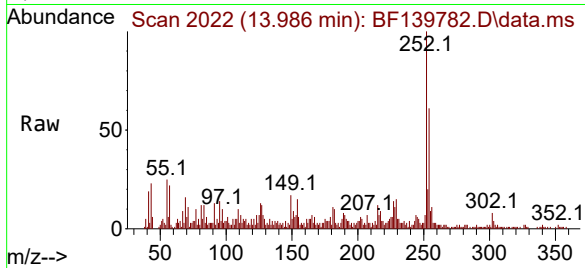




#82
3,3'-Dichlorobenzidine
Concen: 9.025 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

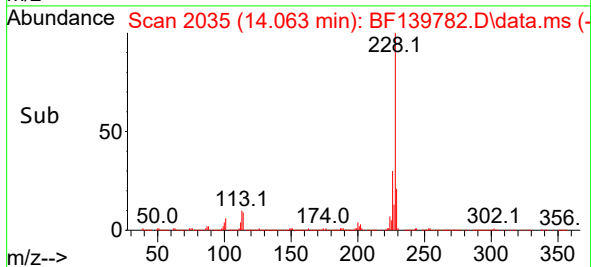
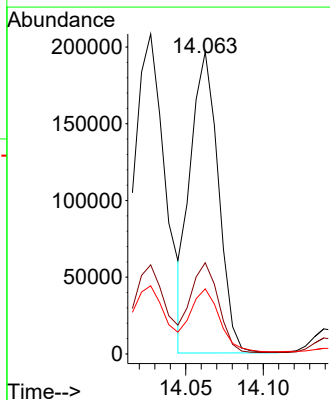
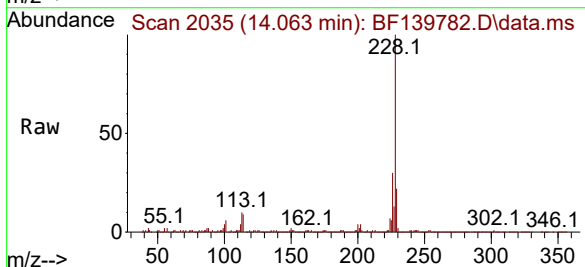
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MS

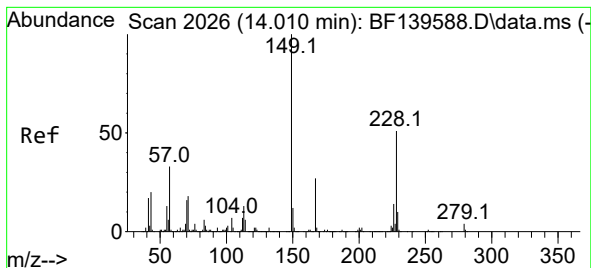
Tgt Ion:252 Resp: 23610
Ion Ratio Lower Upper
252 100
254 60.9 50.5 75.7
126 12.6 8.8 13.2



#83
Chrysene
Concen: 31.516 ng
RT: 14.063 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion:228 Resp: 246304
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 21.6 15.7 23.5

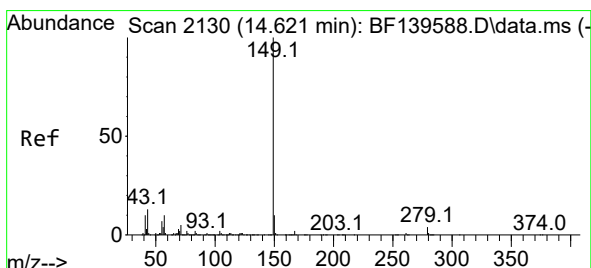
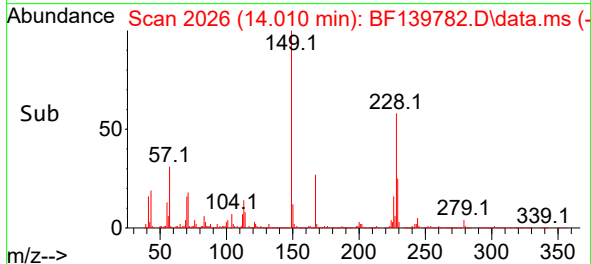
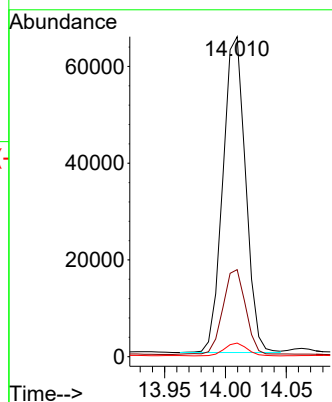
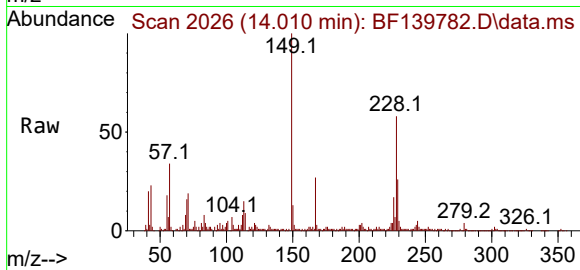




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 16.295 ng
 RT: 14.010 min Scan# 2026
 Delta R.T. -0.000 min
 Lab File: BF139782.D
 Acq: 11 Oct 2024 18:39

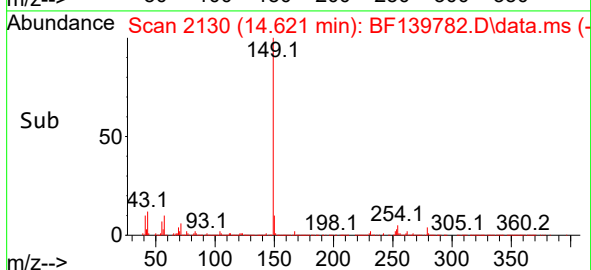
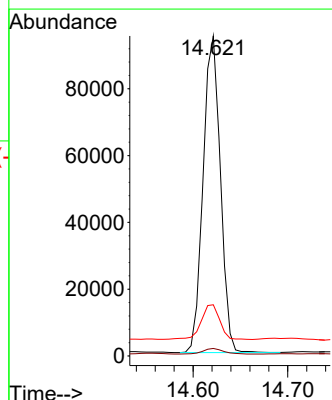
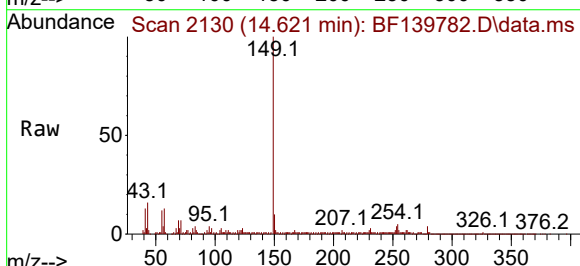
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-100924MS

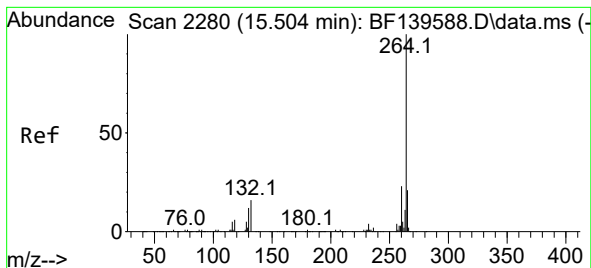
Tgt Ion:149 Resp: 84637
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.7 32.5
 279 4.3 3.2 4.8



#85
 Di-n-octyl phthalate
 Concen: 15.741 ng
 RT: 14.621 min Scan# 2130
 Delta R.T. -0.000 min
 Lab File: BF139782.D
 Acq: 11 Oct 2024 18:39

Tgt Ion:149 Resp: 120115
 Ion Ratio Lower Upper
 149 100
 167 2.2 1.3 1.9#
 43 11.6 10.2 15.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MS

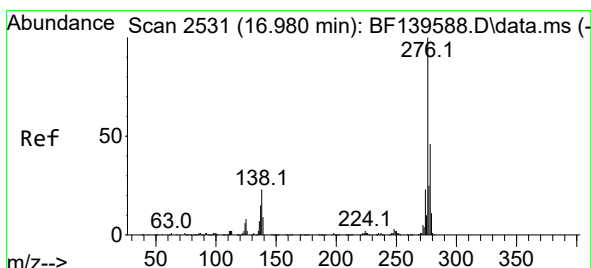
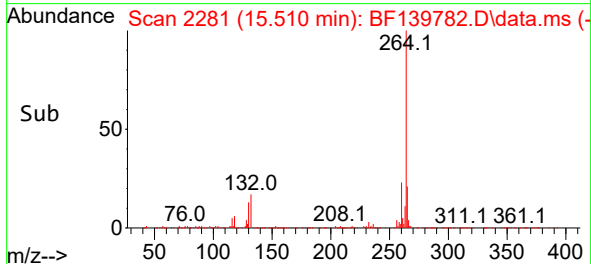
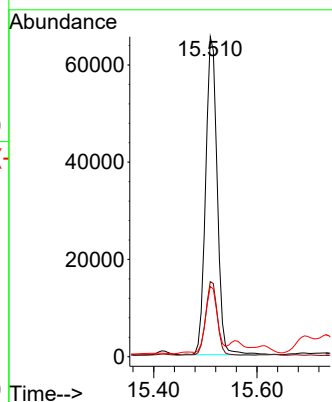
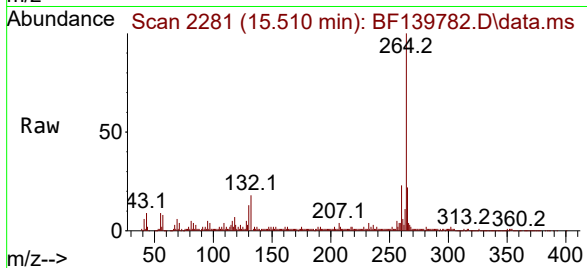
Tgt Ion:264 Resp: 101736

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.9 16.9 25.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 19.909 ng

RT: 16.992 min Scan# 2533

Delta R.T. 0.012 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

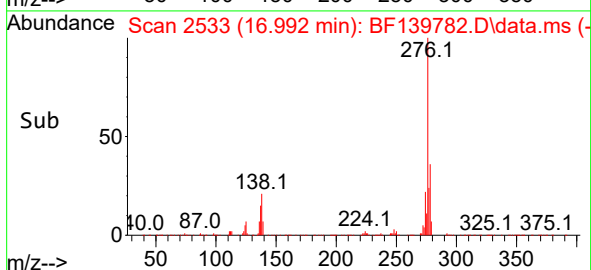
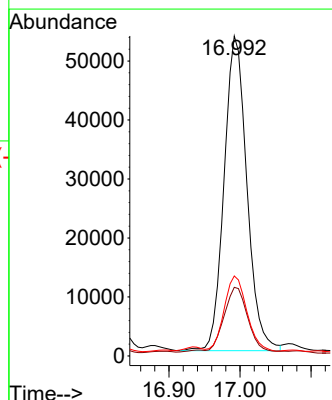
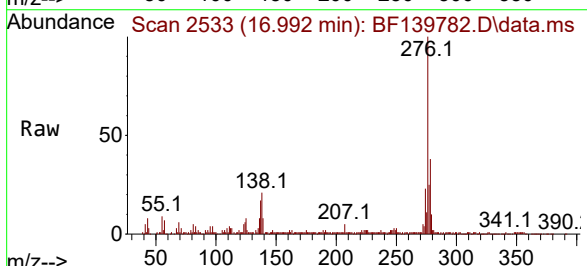
Tgt Ion:276 Resp: 119217

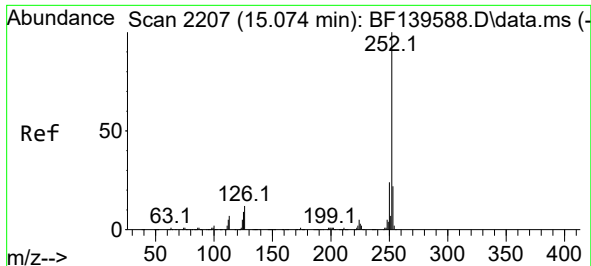
Ion Ratio Lower Upper

276 100

138 20.8 19.4 29.0

277 23.8 20.2 30.2

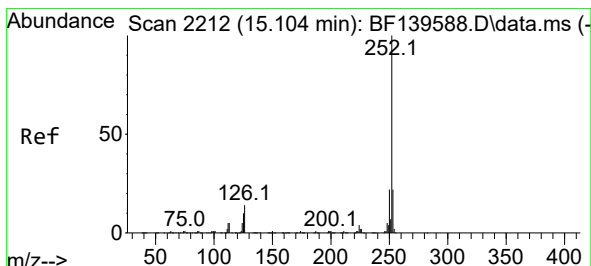
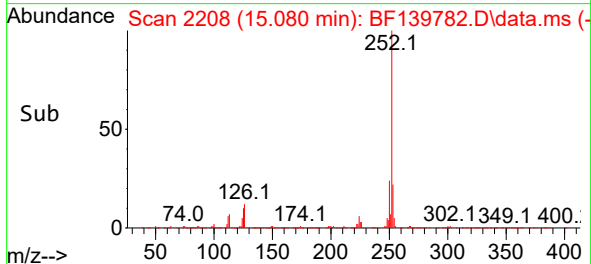
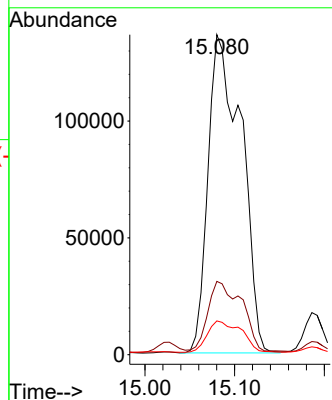
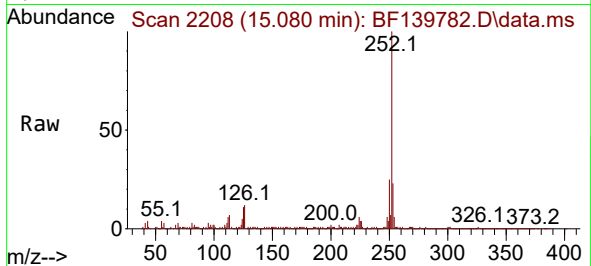




#88
Benzo(b)fluoranthene
Concen: 53.321 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.006 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

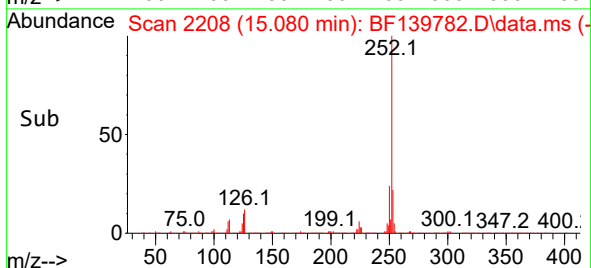
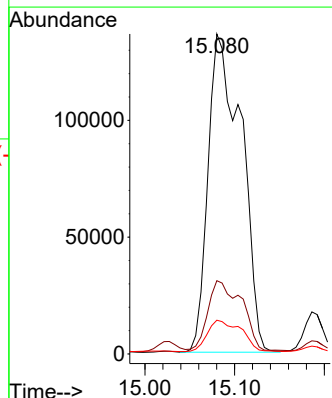
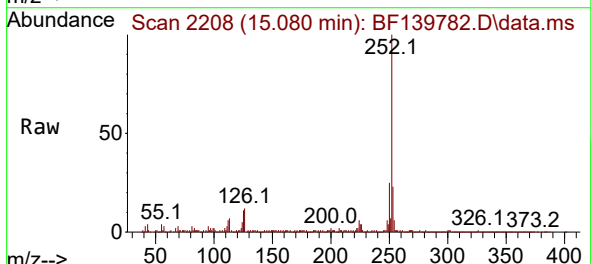
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MS

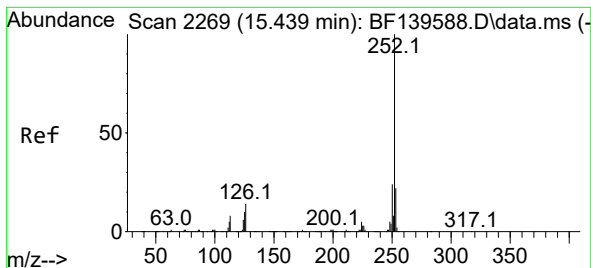
Tgt Ion:252 Resp: 350748
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 10.6 7.4 11.0



#89
Benzo(k)fluoranthene
Concen: 62.858 ng
RT: 15.080 min Scan# 2208
Delta R.T. -0.024 min
Lab File: BF139782.D
Acq: 11 Oct 2024 18:39

Tgt Ion:252 Resp: 350748
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 10.6 7.6 11.4





#90

Benzo(a)pyrene

Concen: 33.188 ng

RT: 15.451 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MS

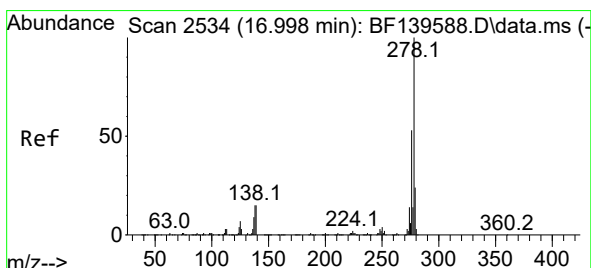
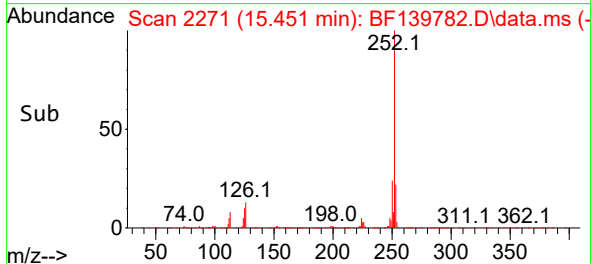
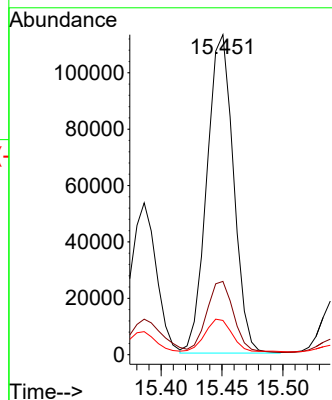
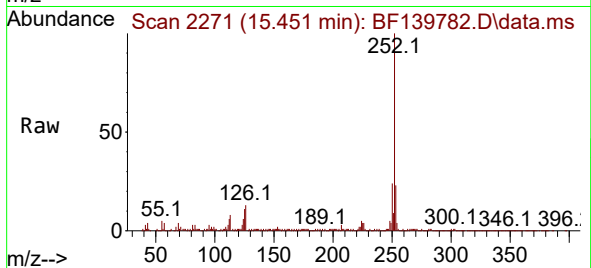
Tgt Ion:252 Resp: 172139

Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

125 10.7 8.3 12.5



#91

Dibenzo(a,h)anthracene

Concen: 12.991 ng

RT: 17.004 min Scan# 2535

Delta R.T. 0.006 min

Lab File: BF139782.D

Acq: 11 Oct 2024 18:39

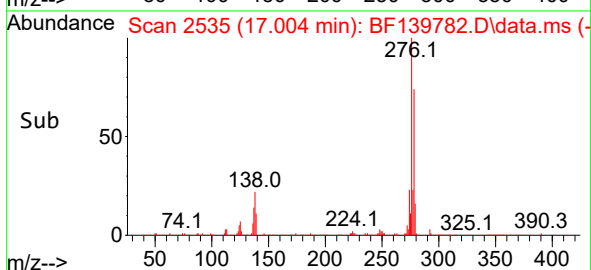
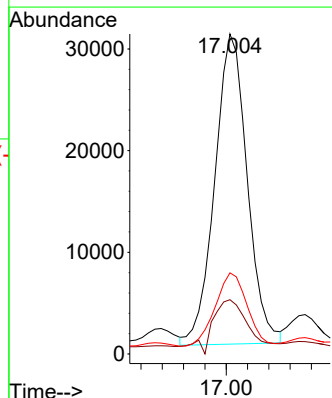
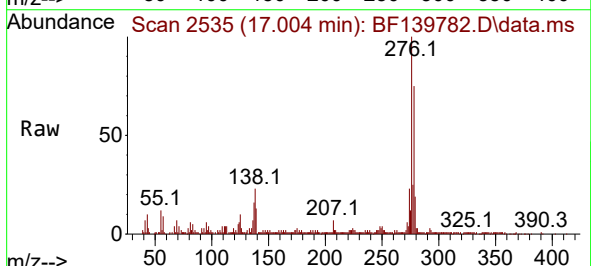
Tgt Ion:278 Resp: 64518

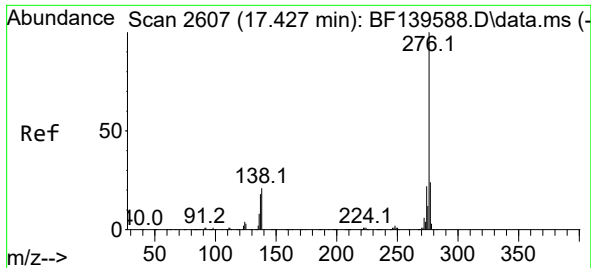
Ion Ratio Lower Upper

278 100

139 16.9 12.2 18.4

279 25.4 19.2 28.8





#92
 Benzo(g,h,i)perylene
 Concen: 19.980 ng
 RT: 17.445 min Scan# 20
 Delta R.T. 0.018 min
 Lab File: BF139782.D
 Acq: 11 Oct 2024 18:39

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-100924MS

Tgt Ion:	276	Resp:	99520
Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.0	28.6
138	21.2	17.0	25.6

