

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
 Data File : BF139781.D
 Acq On : 11 Oct 2024 18:11
 Operator : RC/JU
 Sample : P4377-01MSD 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-100924MSD

Quant Time: Oct 12 02:00:25 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	61918	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	202067	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	100572	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	203523	20.000	ng	0.00
76) Chrysene-d12	14.039	240	136605	20.000	ng	0.00
86) Perylene-d12	15.509	264	104487	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	89815	25.142	ng	0.00
7) Phenol-d6	6.498	99	106676	22.205	ng	0.00
23) Nitrobenzene-d5	7.428	82	61988	15.532	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	23125	23.819	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	111064	16.953	ng	0.00
79) Terphenyl-d14	12.974	244	148934	17.889	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	15830	10.249	ng	99
3) Pyridine	3.398	79	33639	8.955	ng	97
4) n-Nitrosodimethylamine	3.322	42	24553	9.986	ng	97
6) Aniline	6.528	93	24467	5.739	ng	# 84
8) 2-Chlorophenol	6.651	128	38441	10.044	ng	98
9) Benzaldehyde	6.422	77	10617	4.172	ng	99
10) Phenol	6.516	94	48644	9.630	ng	95
11) bis(2-Chloroethyl)ether	6.598	93	39576	9.622	ng	99
12) 1,3-Dichlorobenzene	6.810	146	42329	9.831	ng	96
13) 1,4-Dichlorobenzene	6.886	146	42313	9.703	ng	99
14) 1,2-Dichlorobenzene	7.039	146	38326	9.377	ng	99
15) Benzyl Alcohol	7.010	79	32205	8.774	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.139	45	70796	9.943	ng	96
17) 2-Methylphenol	7.122	107	29002	9.077	ng	98
18) Hexachloroethane	7.381	117	11554	7.103	ng	98
19) n-Nitroso-di-n-propyla...	7.269	70	28269	9.153	ng	99
20) 3+4-Methylphenols	7.281	107	37184	9.265	ng	# 86
22) Acetophenone	7.275	105	53320	11.117	ng	92
24) Nitrobenzene	7.445	77	39185	9.482	ng	98
25) Isophorone	7.686	82	72205	10.186	ng	99
26) 2-Nitrophenol	7.763	139	11415	6.425	ng	96
27) 2,4-Dimethylphenol	7.804	122	25709	11.820	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	43674	10.318	ng	99
29) 2,4-Dichlorophenol	8.016	162	26368	9.295	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	29682	9.252	ng	96
31) Naphthalene	8.169	128	104371	10.102	ng	99
32) Benzoic acid	7.892	122	12459	5.761	ng	90
33) 4-Chloroaniline	8.222	127	22258	6.365	ng	97
34) Hexachlorobutadiene	8.286	225	19729	9.503	ng	98
35) Caprolactam	8.557	113	8494	9.129	ng	92
36) 4-Chloro-3-methylphenol	8.704	107	27571	8.585	ng	99
37) 2-Methylnaphthalene	8.863	142	65313	9.707	ng	99
38) 1-Methylnaphthalene	8.963	142	61367	9.330	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	29408	10.530	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	18345	9.744	ng	97
44) 2,4,5-Trichlorophenol	9.192	196	19511	9.610	ng	97

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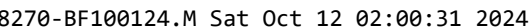
Instrument :
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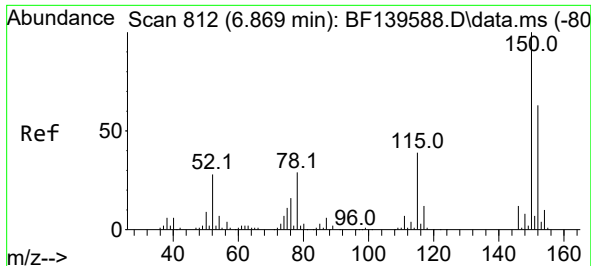
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.322	154	78308	10.469	ng	99
47) 2-Chloronaphthalene	9.351	162	56413	10.060	ng	97
48) 2-Nitroaniline	9.445	65	21808	10.834	ng	97
49) Acenaphthylene	9.763	152	95986	11.255	ng	100
50) Dimethylphthalate	9.616	163	69103	10.496	ng	99
51) 2,6-Dinitrotoluene	9.686	165	10868	7.308	ng	94
52) Acenaphthene	9.933	154	71717	12.250	ng	99
53) 3-Nitroaniline	9.857	138	14767	9.717	ng	99
55) Dibenzofuran	10.110	168	94400	11.516	ng	99
56) 4-Nitrophenol	10.039	139	19478	16.806	ng	93
57) 2,4-Dinitrotoluene	10.092	165	14028	7.216	ng	97
58) Fluorene	10.451	166	86621	13.267	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.186	232	15760	9.611	ng	91
60) Diethylphthalate	10.316	149	72324	10.636	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	32849	10.057	ng	98
62) 4-Nitroaniline	10.469	138	20065	12.907	ng	95
63) Azobenzene	10.604	77	72281	10.570	ng	92
66) n-Nitrosodiphenylamine	10.557	169	62206	10.369	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	19560	9.374	ng	99
68) Hexachlorobenzene	10.998	284	21351	9.221	ng	99
69) Atrazine	11.086	200	19835	12.323	ng	98
70) Pentachlorophenol	11.198	266	20407	14.801	ng	97
71) Phenanthrene	11.416	178	306262	31.915	ng	100
72) Anthracene	11.469	178	168083	17.705	ng	99
73) Carbazole	11.621	167	124286	13.631	ng	99
74) Di-n-butylphthalate	11.951	149	124212	11.202	ng	100
75) Fluoranthene	12.610	202	595817	56.798	ng	99
77) Benzidine	12.733	184	28449	11.807	ng	96
78) Pyrene	12.839	202	553050	45.266	ng	99
80) Butylbenzylphthalate	13.451	149	54755	12.529	ng	97
81) Benzo(a)anthracene	14.027	228	296538	33.017	ng	98
82) 3,3'-Dichlorobenzidine	13.986	252	20288	7.381	ng	95
83) Chrysene	14.063	228	242040	29.477	ng	98
84) Bis(2-ethylhexyl)phtha...	14.004	149	81525	14.939	ng	99
85) Di-n-octyl phthalate	14.621	149	115368	14.390	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.992	276	122832	19.973	ng	96
88) Benzo(b)fluoranthene	15.080	252	347491	51.435	ng	98
89) Benzo(k)fluoranthene	15.080	252	347491	60.635	ng	98
90) Benzo(a)pyrene	15.451	252	168847	31.696	ng	98
91) Dibenzo(a,h)anthracene	17.003	278	61364	12.030	ng	95
92) Benzo(g,h,i)perylene	17.445	276	99018	19.356	ng	99

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

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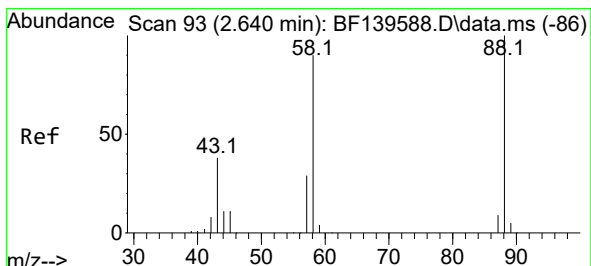
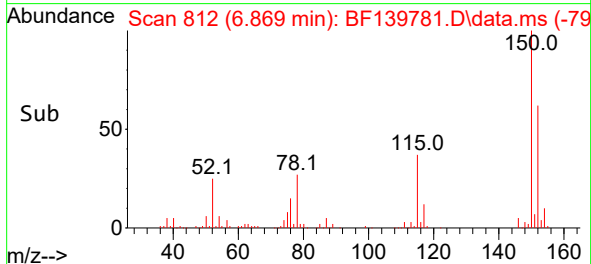
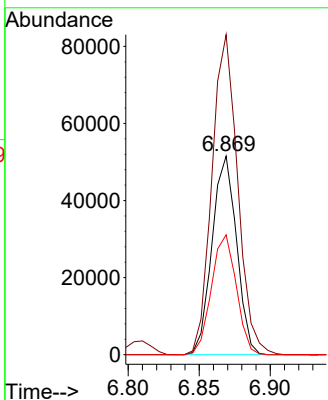
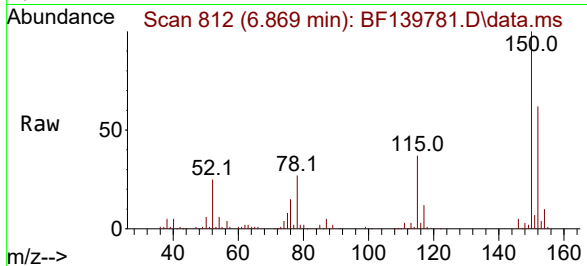




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF139781.D
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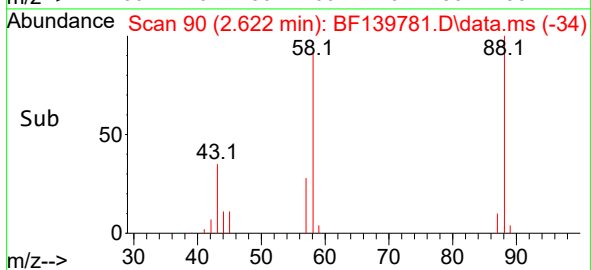
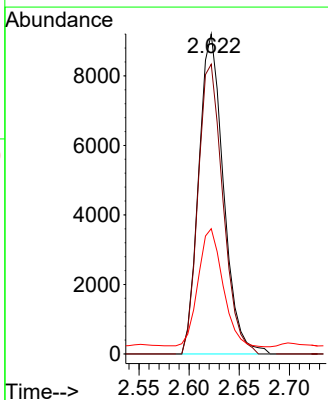
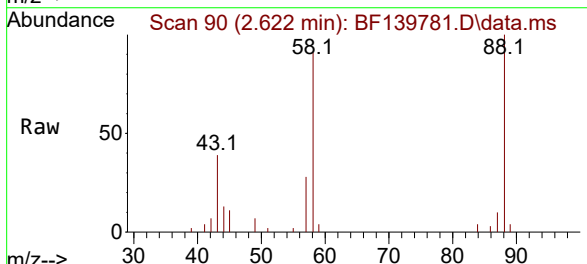
Instrument :
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 ClientSampleId :
 HD-01-100924MSD

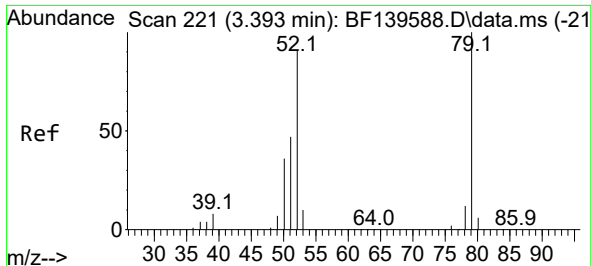
Tgt Ion:152 Resp: 61918
 Ion Ratio Lower Upper
 152 100
 150 161.2 127.2 190.8
 115 60.4 49.0 73.4



#2
 1,4-Dioxane
 Concen: 10.249 ng
 RT: 2.622 min Scan# 90
 Delta R.T. -0.018 min
 Lab File: BF139781.D
 Acq: 11 Oct 2024 18:11

Tgt Ion: 88 Resp: 15830
 Ion Ratio Lower Upper
 88 100
 58 91.0 72.0 108.0
 43 37.0 30.8 46.2

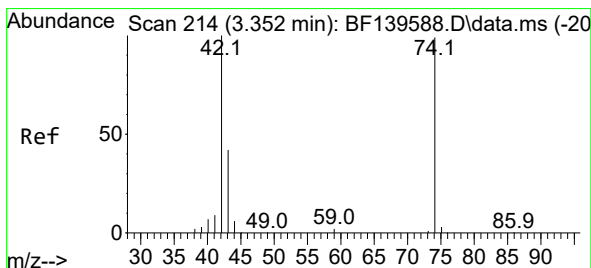
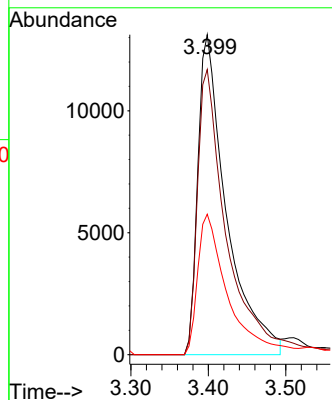
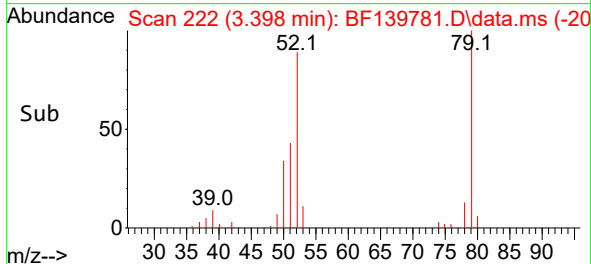
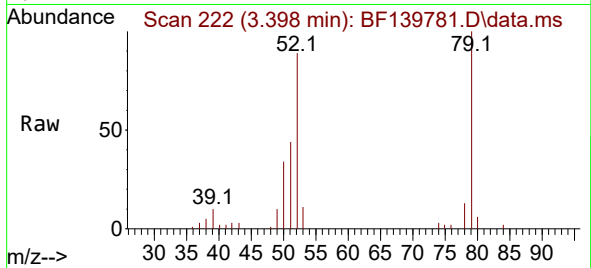




#3
Pyridine
Concen: 8.955 ng
RT: 3.398 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

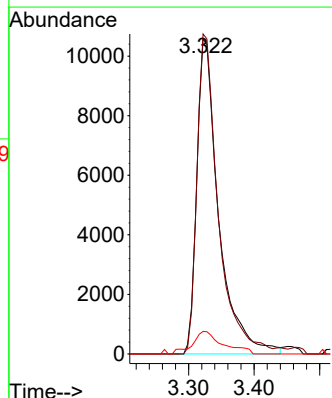
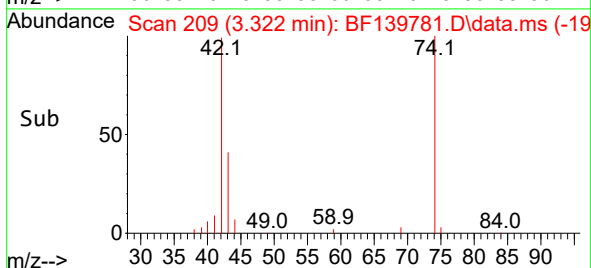
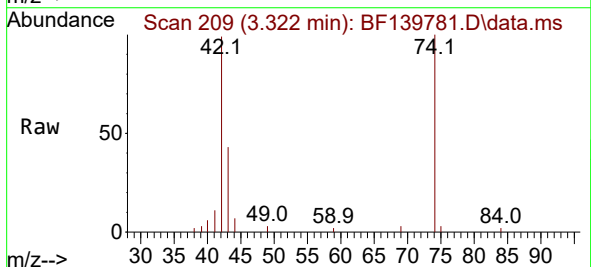
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

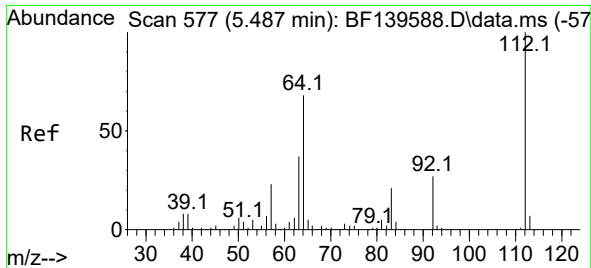
Tgt Ion: 79 Resp: 33639
Ion Ratio Lower Upper
79 100
52 89.1 72.6 109.0
51 43.9 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 9.986 ng
RT: 3.322 min Scan# 209
Delta R.T. -0.030 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Tgt Ion: 42 Resp: 24553
Ion Ratio Lower Upper
42 100
74 101.5 79.0 118.6
44 7.1 5.2 7.8

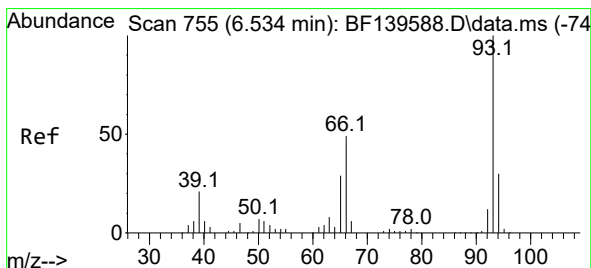
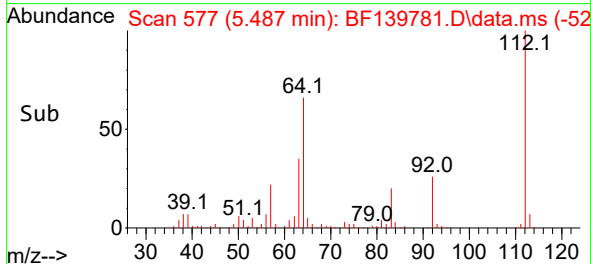
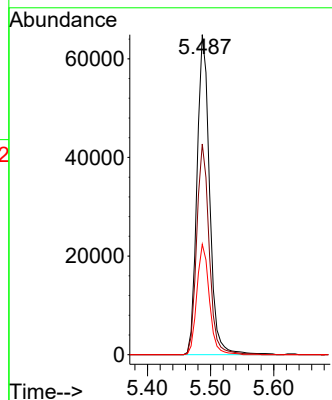
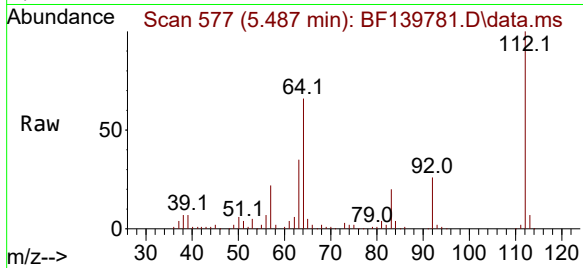




#5
2-Fluorophenol
Concen: 25.142 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

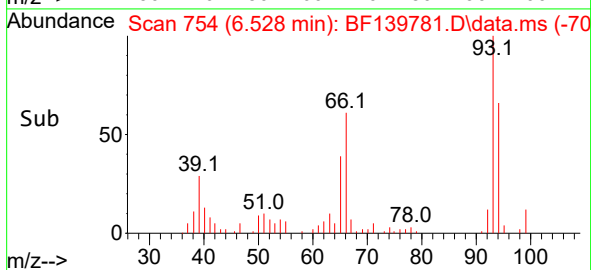
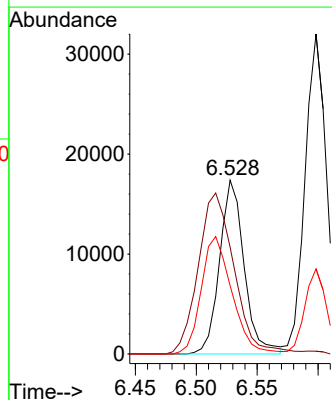
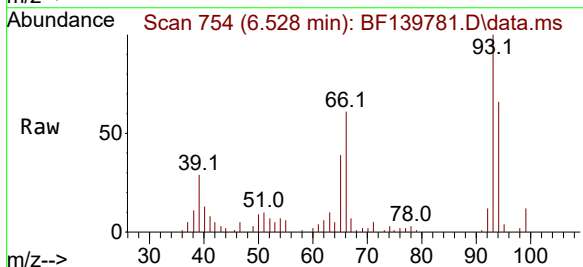
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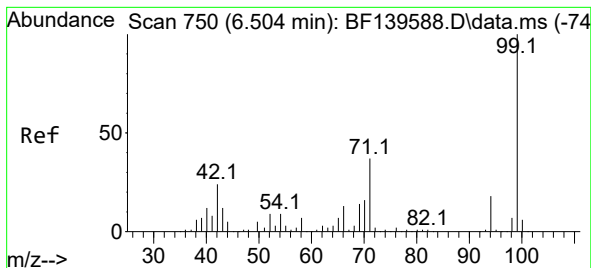
Tgt Ion:112 Resp: 89815
Ion Ratio Lower Upper
112 100
64 65.9 54.2 81.4
63 34.5 29.4 44.2



#6
Aniline
Concen: 5.739 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Tgt Ion: 93 Resp: 24467
Ion Ratio Lower Upper
93 100
66 61.5 40.9 61.3#
65 39.3 23.3 34.9#





#7

Phenol-d6

Concen: 22.205 ng

RT: 6.498 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF139781.D

Acq: 11 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

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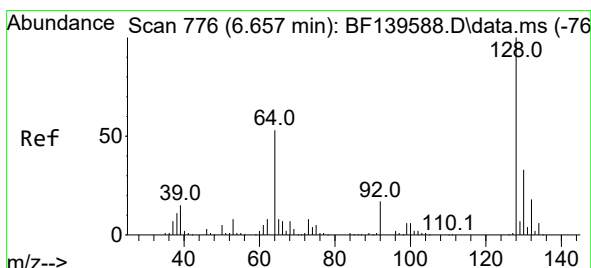
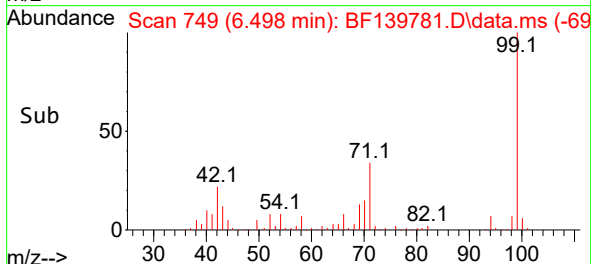
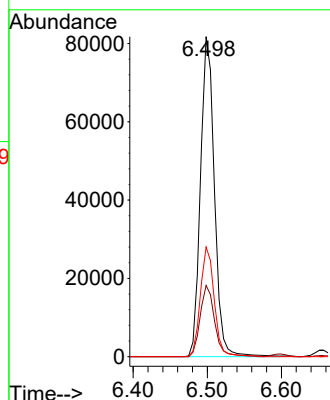
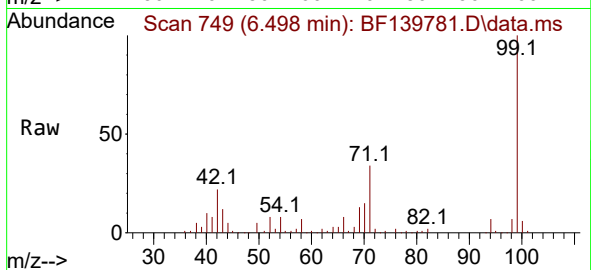
Tgt Ion: 99 Resp: 106676

Ion Ratio Lower Upper

99 100

42 22.3 19.1 28.7

71 34.3 29.7 44.5



#8

2-Chlorophenol

Concen: 10.044 ng

RT: 6.651 min Scan# 775

Delta R.T. -0.006 min

Lab File: BF139781.D

Acq: 11 Oct 2024 18:11

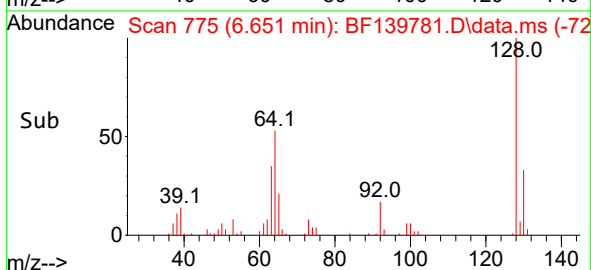
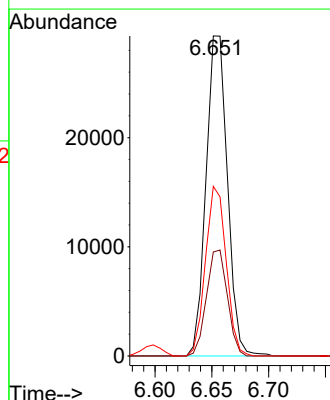
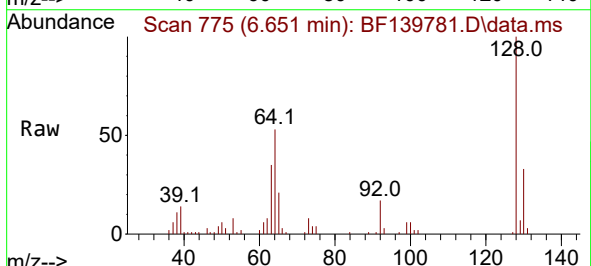
Tgt Ion:128 Resp: 38441

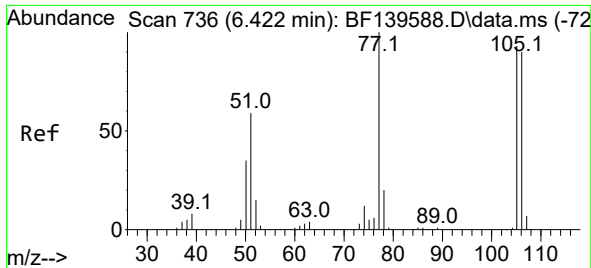
Ion Ratio Lower Upper

128 100

130 32.5 13.2 53.2

64 53.0 35.1 75.1





#9

Benzaldehyde

Concen: 4.172 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.000 min

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BNA_F

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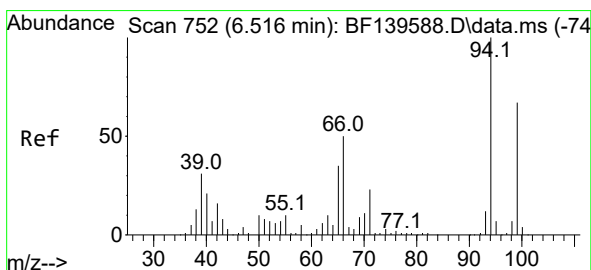
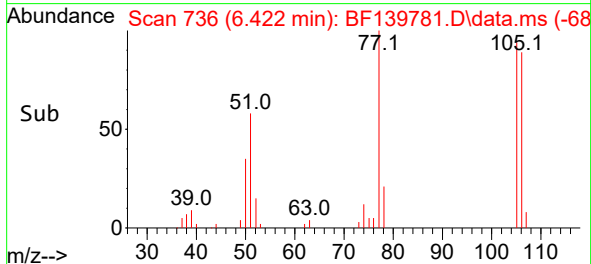
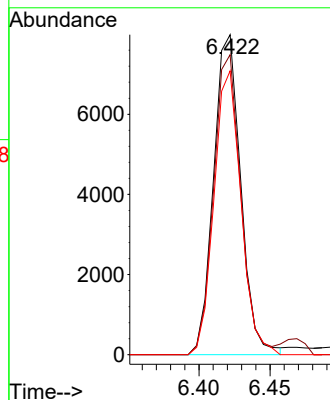
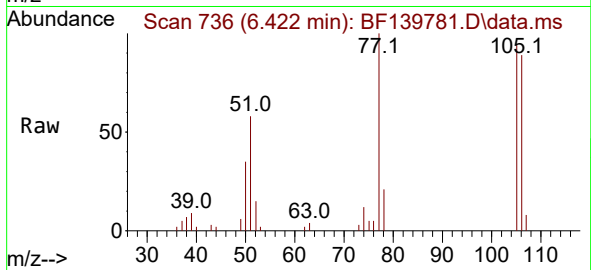
Tgt Ion: 77 Resp: 10617

Ion Ratio Lower Upper

77 100

105 93.7 72.7 112.7

106 88.7 70.1 110.1



#10

Phenol

Concen: 9.630 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF139781.D

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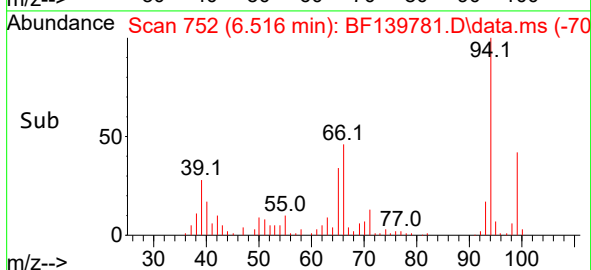
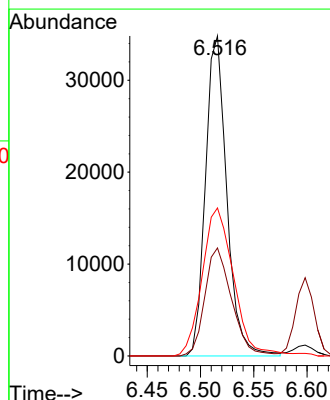
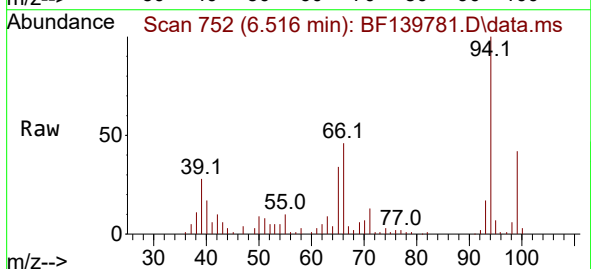
Tgt Ion: 94 Resp: 48644

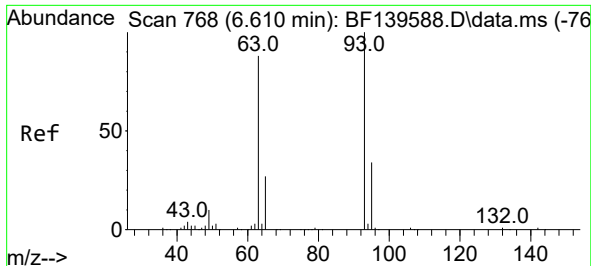
Ion Ratio Lower Upper

94 100

65 33.7 15.3 55.3

66 46.3 30.5 70.5

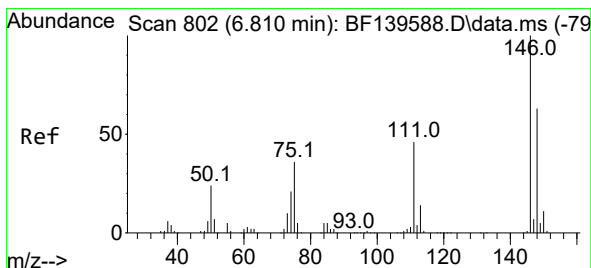
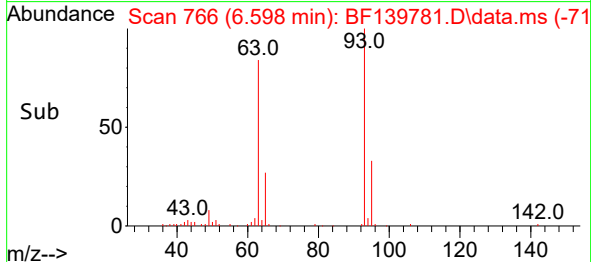
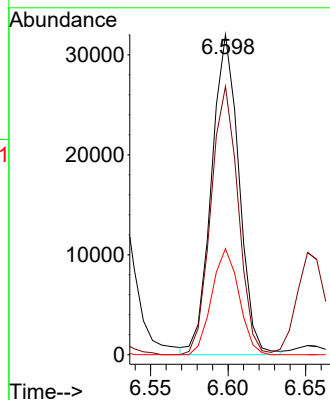
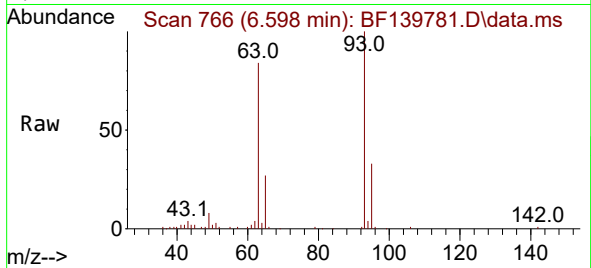




#11
bis(2-Chloroethyl)ether
Concen: 9.622 ng
RT: 6.598 min Scan# 766
Delta R.T. -0.012 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

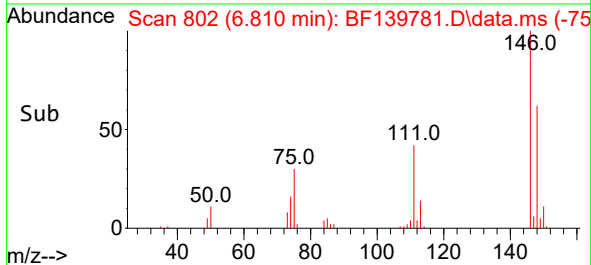
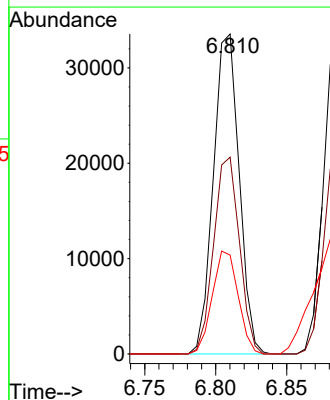
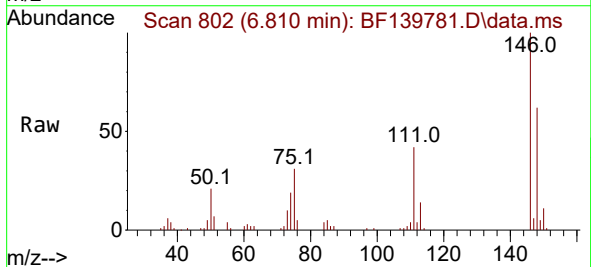
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

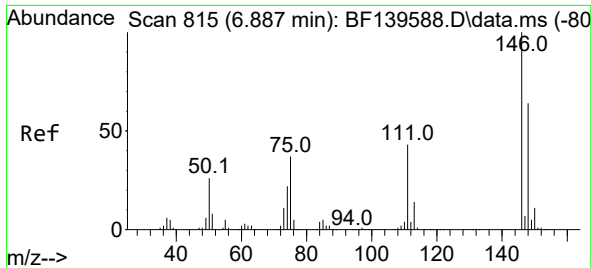
Tgt Ion: 93 Resp: 39576
Ion Ratio Lower Upper
93 100
63 83.8 64.1 104.1
95 33.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 9.831 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Tgt Ion:146 Resp: 42329
Ion Ratio Lower Upper
146 100
148 61.5 50.2 75.4
75 30.9 28.5 42.7

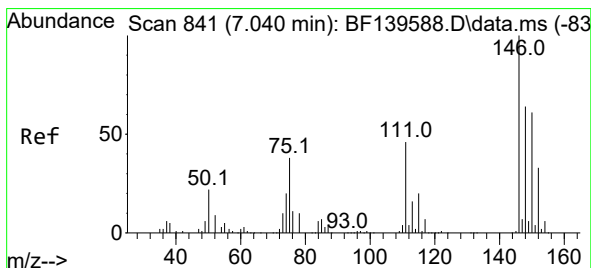
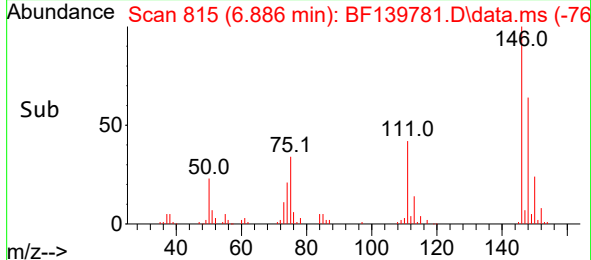
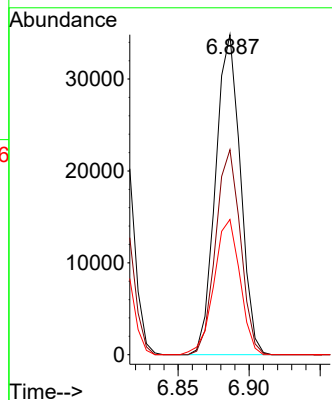
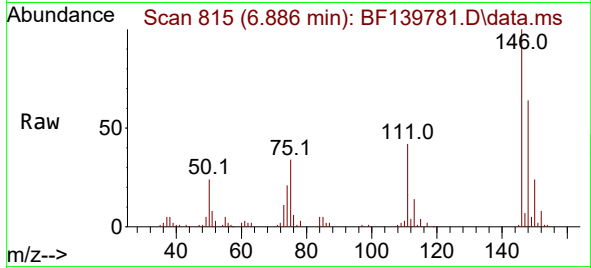




#13
1,4-Dichlorobenzene
Concen: 9.703 ng
RT: 6.886 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

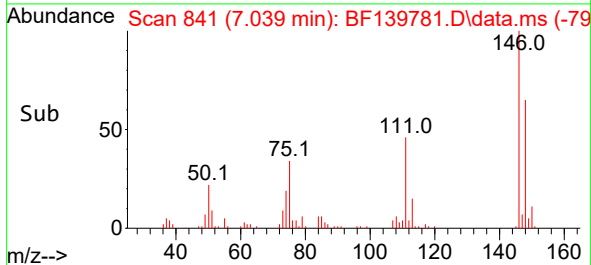
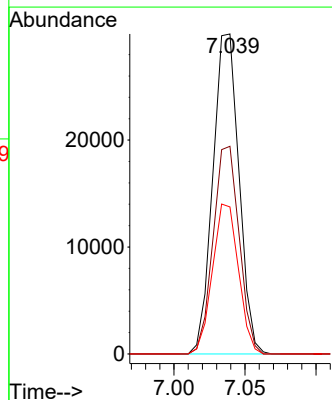
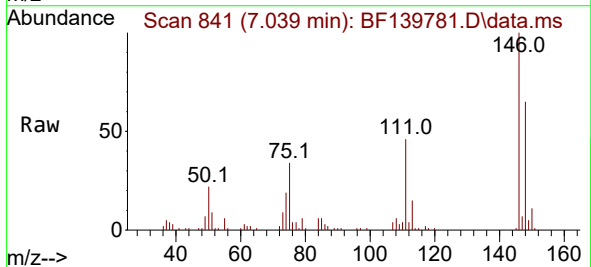
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

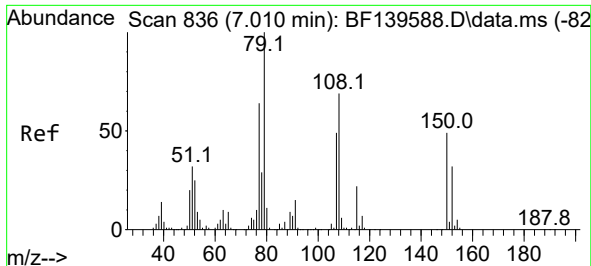
Tgt Ion:146 Resp: 42313
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 42.3 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 9.377 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

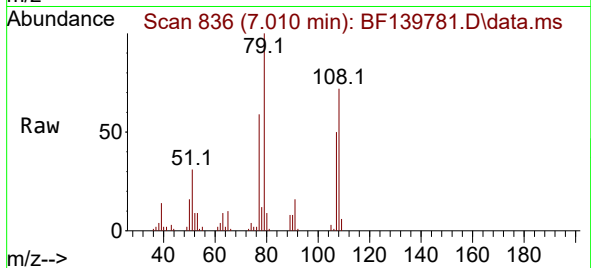
Tgt Ion:146 Resp: 38326
Ion Ratio Lower Upper
146 100
148 64.9 51.2 76.8
111 46.0 37.0 55.6



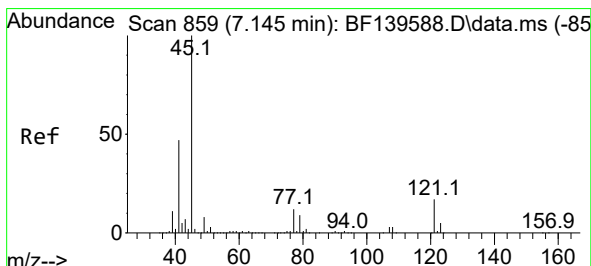
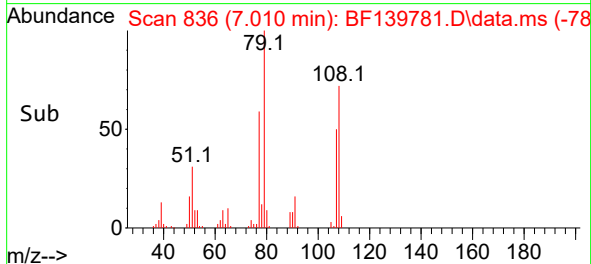
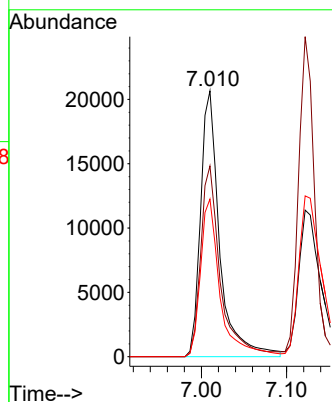


#15
Benzyl Alcohol
Concen: 8.774 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

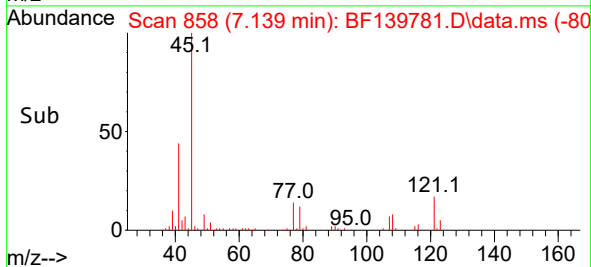
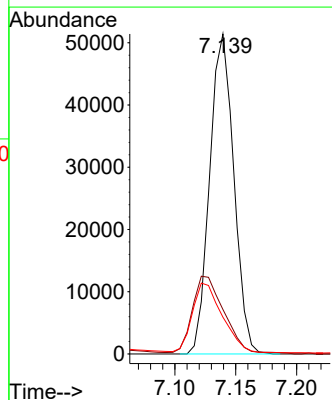
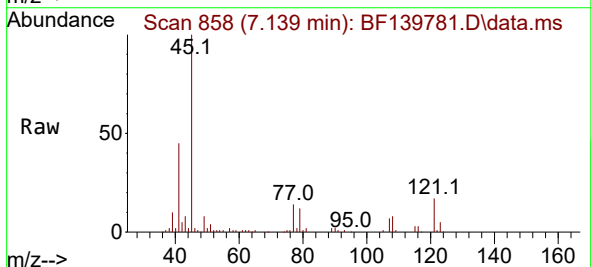


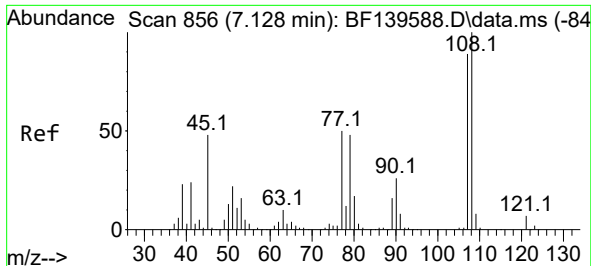
Tgt Ion: 79 Resp: 32205
Ion Ratio Lower Upper
79 100
108 71.7 55.1 82.7
77 59.3 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.943 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

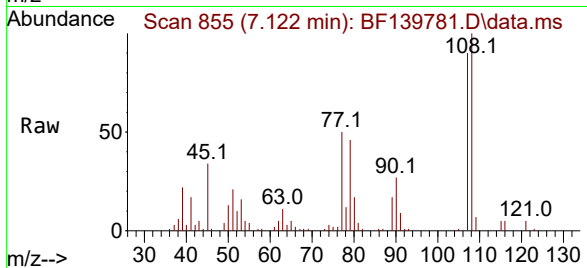
Tgt Ion: 45 Resp: 70796
Ion Ratio Lower Upper
45 100
77 13.9 0.0 32.5
79 11.5 0.0 29.7



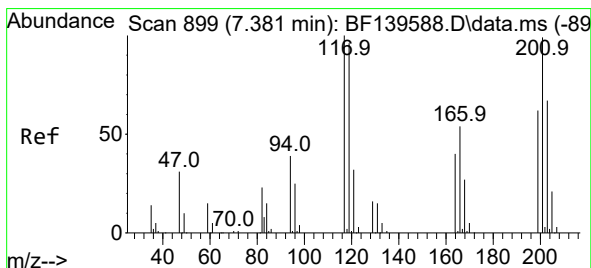
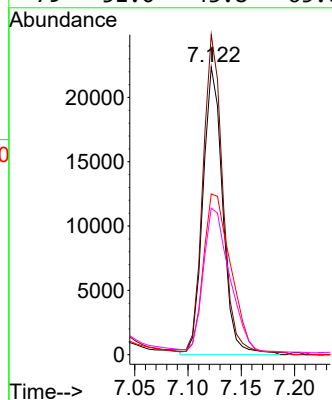
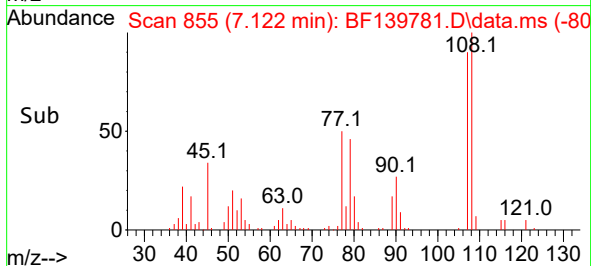


#17
2-Methylphenol
Concen: 9.077 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

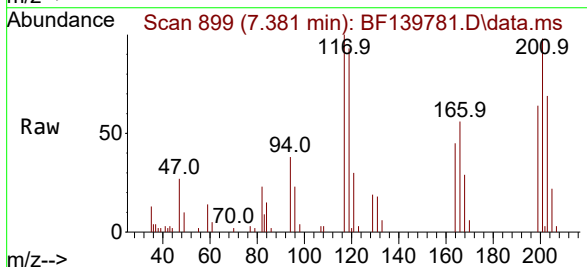
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD



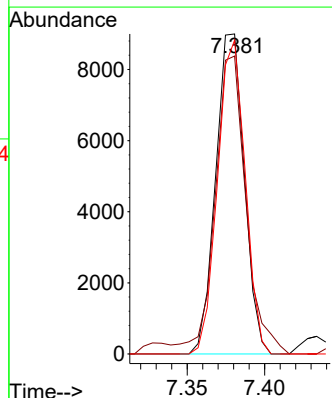
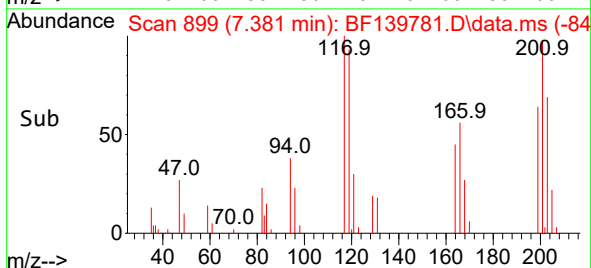
Tgt Ion:107 Resp: 29002
Ion Ratio Lower Upper
107 100
108 111.2 89.8 134.6
77 55.9 44.6 67.0
79 51.0 43.8 65.6

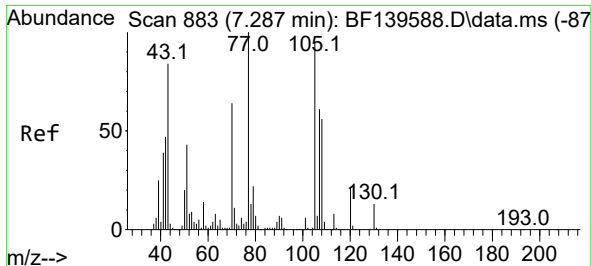


#18
Hexachloroethane
Concen: 7.103 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11



Tgt Ion:117 Resp: 11554
Ion Ratio Lower Upper
117 100
119 93.1 77.0 115.6
201 98.1 79.2 118.8

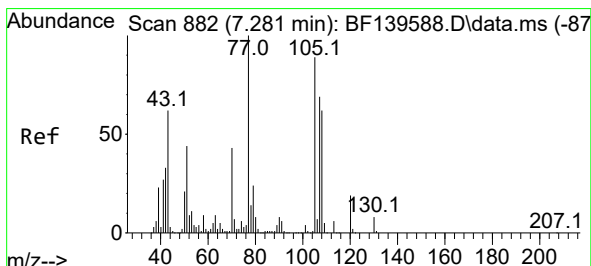
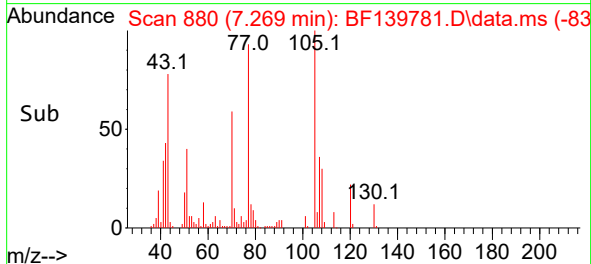
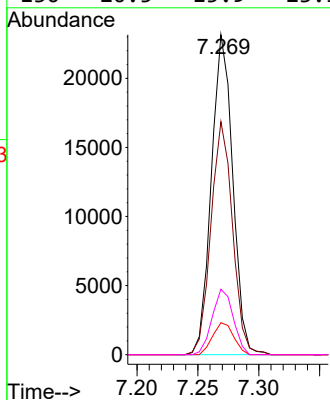
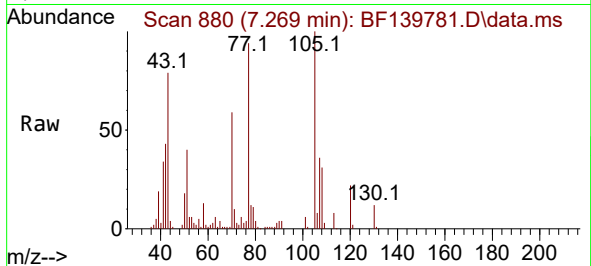




#19
n-Nitroso-di-n-propylamine
Concen: 9.153 ng
RT: 7.269 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

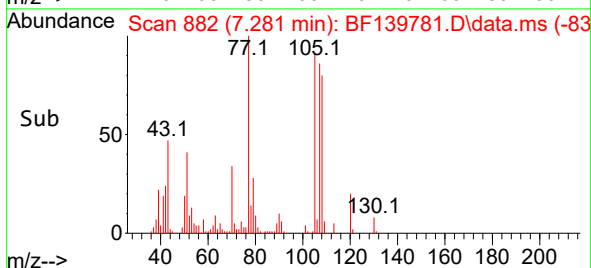
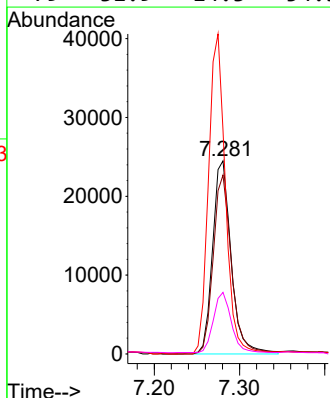
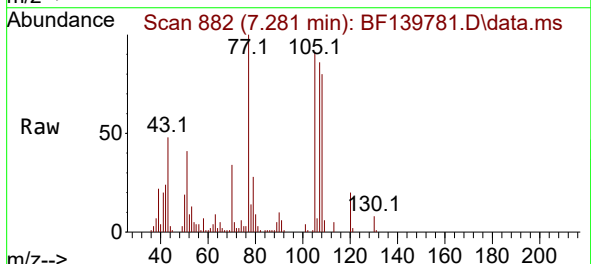
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

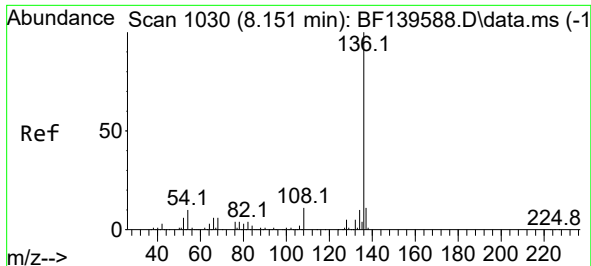
Tgt Ion:	70	Resp:	28269
Ion	Ratio	Lower	Upper
70	100		
42	72.8	58.0	87.0
101	10.0	7.8	11.8
130	20.5	15.9	23.9



#20
3+4-Methylphenols
Concen: 9.265 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Tgt Ion:	107	Resp:	37184
Ion	Ratio	Lower	Upper
107	100		
108	92.6	70.2	110.2
77	115.9	125.3	165.3#
79	31.9	14.3	54.3



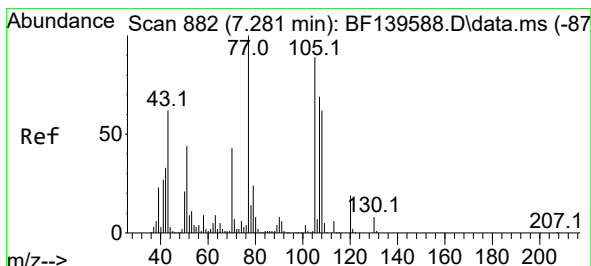
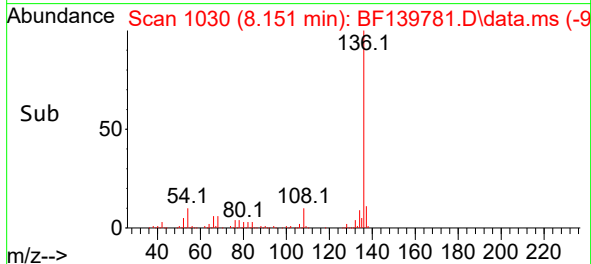
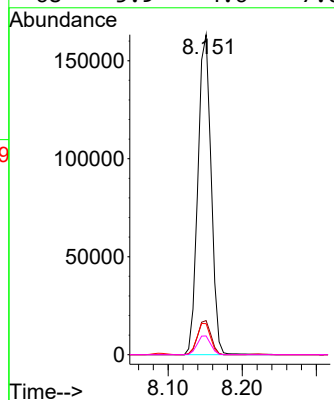
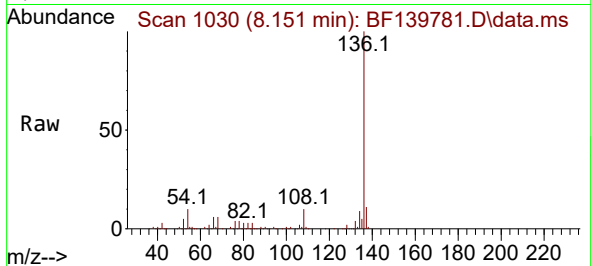


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

Tgt Ion:136 Resp: 202067

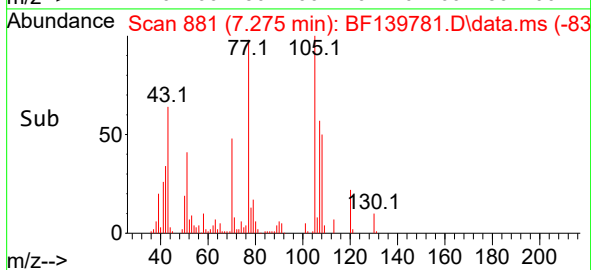
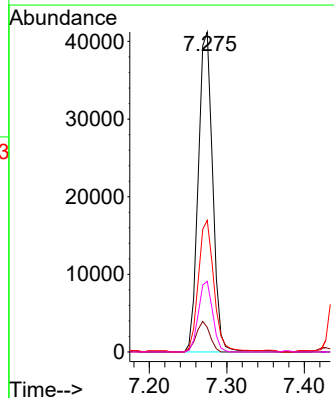
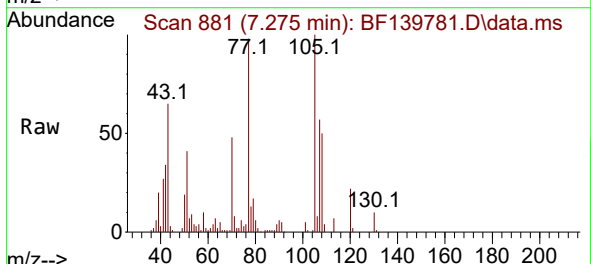
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.7	8.3	12.5
68	5.9	4.6	7.0

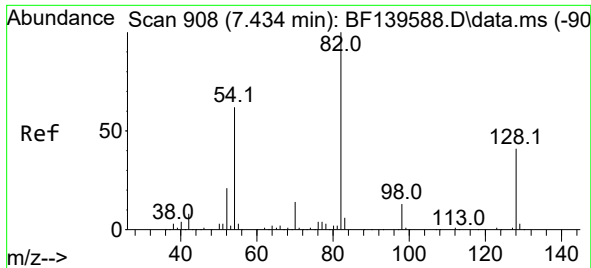


#22
Acetophenone
Concen: 11.117 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Tgt Ion:105 Resp: 53320

Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.6	10.0
51	41.2	39.4	59.0
120	22.1	17.4	26.2

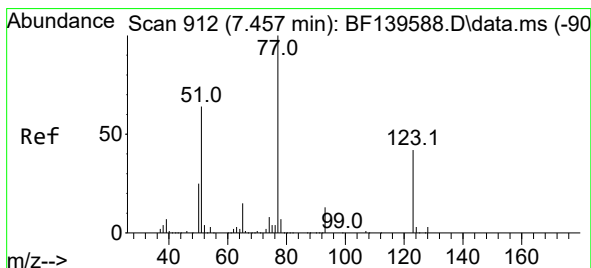
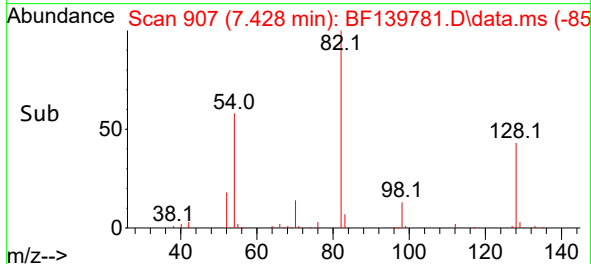
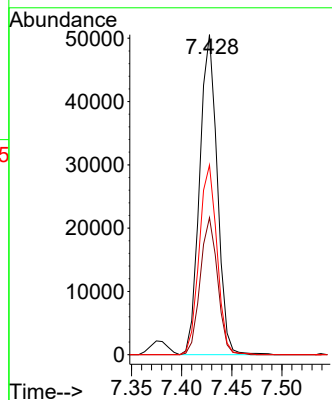
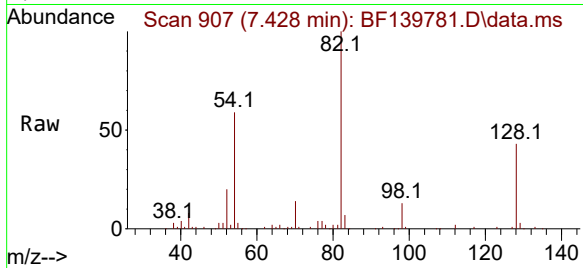




#23
Nitrobenzene-d5
Concen: 15.532 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

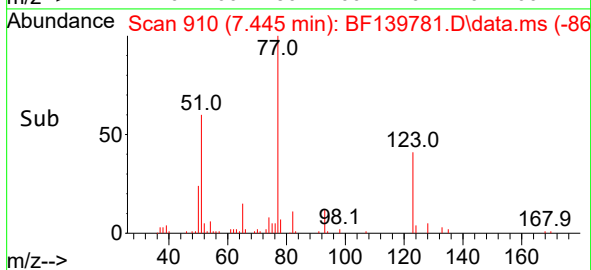
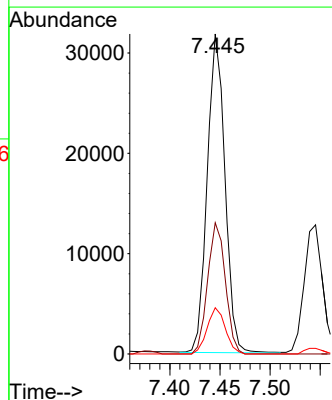
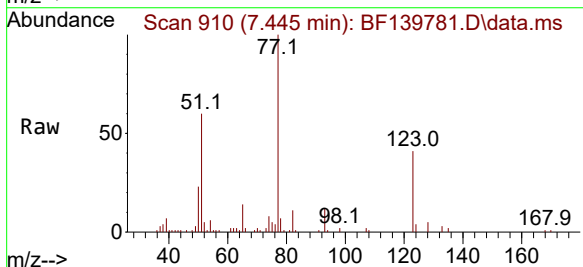
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

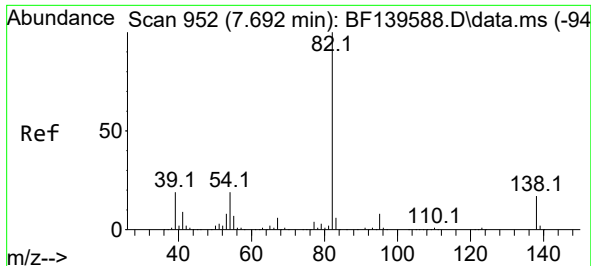
Tgt Ion: 82 Resp: 61988
Ion Ratio Lower Upper
82 100
128 42.8 32.4 48.6
54 59.3 49.1 73.7



#24
Nitrobenzene
Concen: 9.482 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

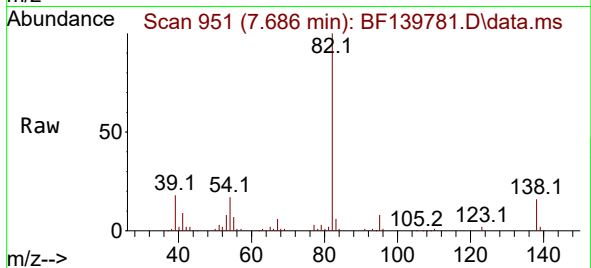
Tgt Ion: 77 Resp: 39185
Ion Ratio Lower Upper
77 100
123 41.0 34.2 51.4
65 14.4 12.1 18.1



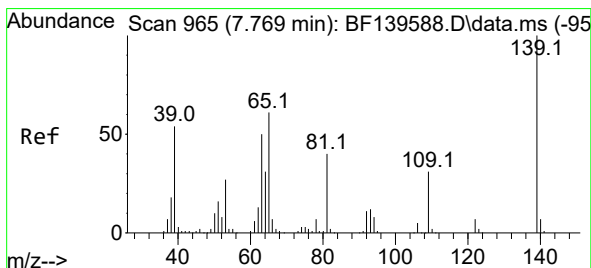
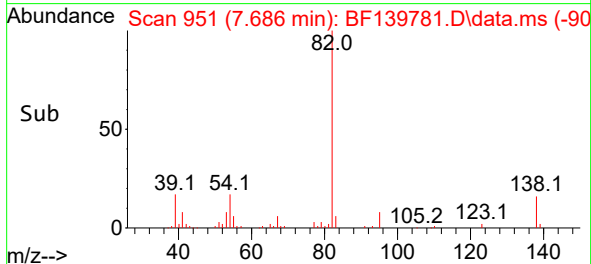
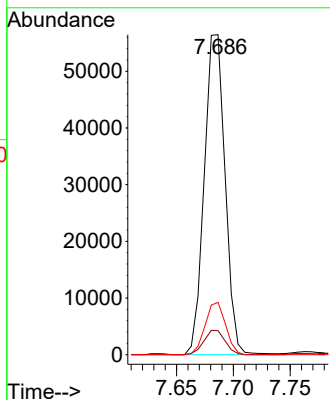


#25
Isophorone
Concen: 10.186 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

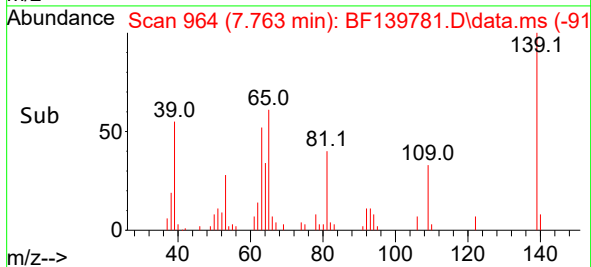
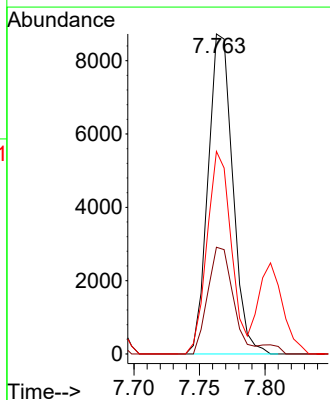
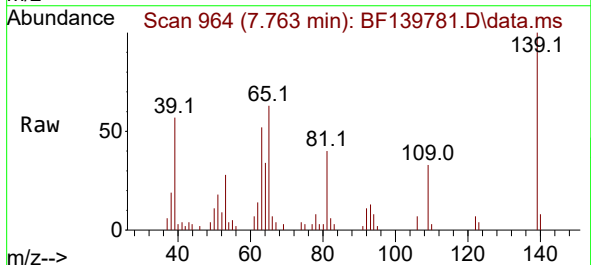


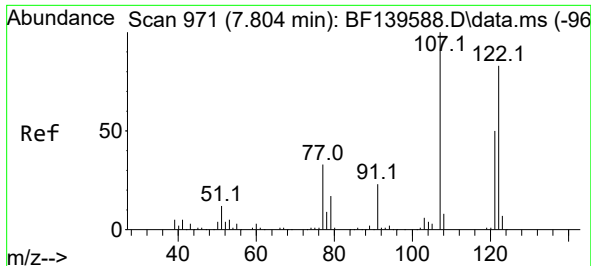
Tgt Ion: 82 Resp: 72205
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 16.3 13.4 20.2



#26
2-Nitrophenol
Concen: 6.425 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Tgt Ion:139 Resp: 11415
Ion Ratio Lower Upper
139 100
109 33.3 24.9 37.3
65 63.3 48.6 72.8

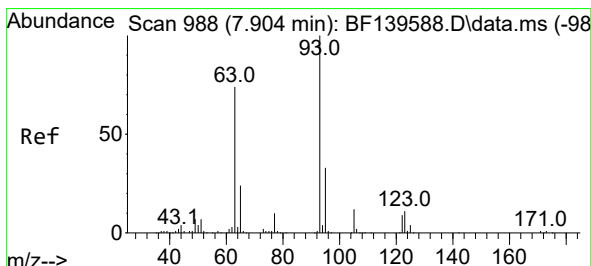
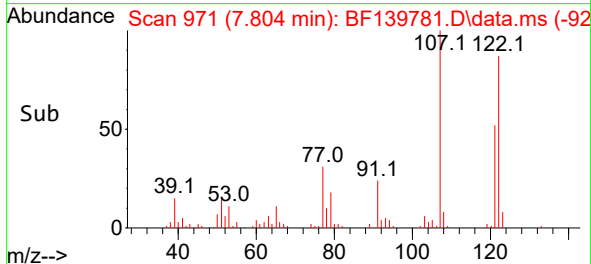
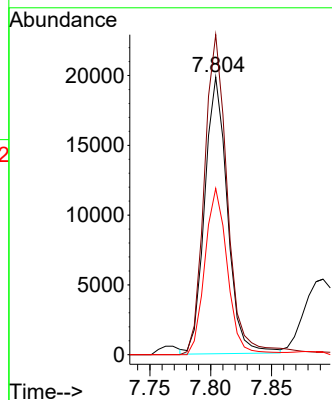
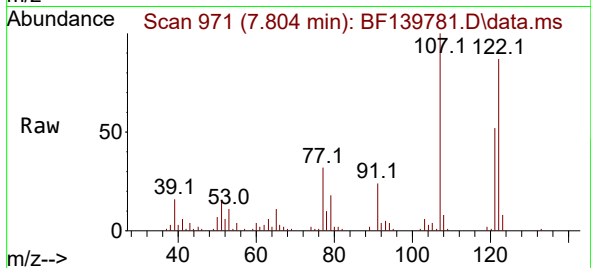




#27
2,4-Dimethylphenol
Concen: 11.820 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

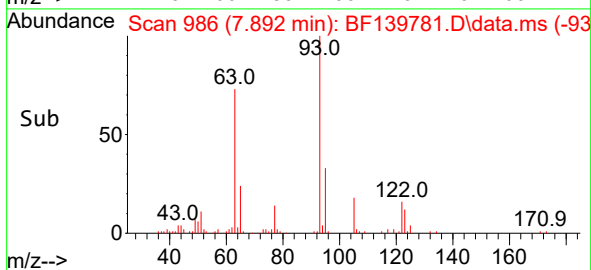
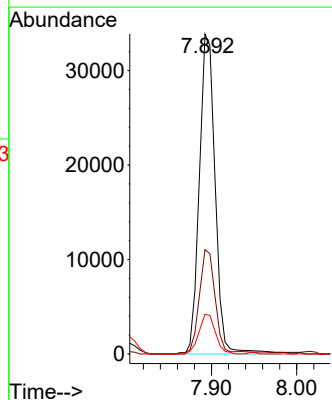
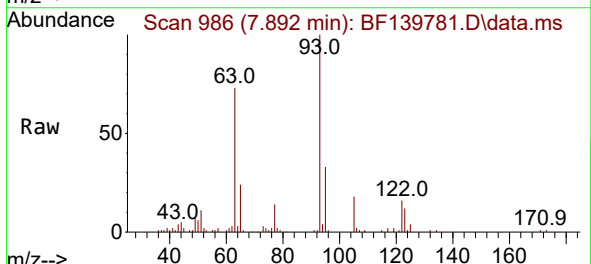
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

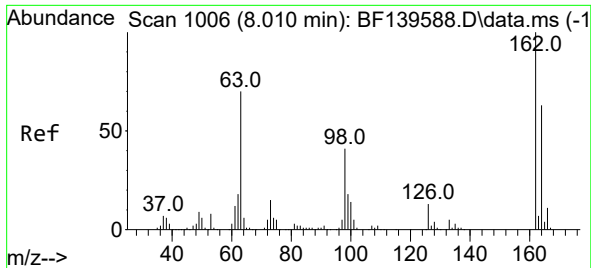
Tgt Ion:122 Resp: 25709
Ion Ratio Lower Upper
122 100
107 115.2 95.4 143.0
121 59.8 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 10.318 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Tgt Ion: 93 Resp: 43674
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 12.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 9.295 ng

RT: 8.016 min Scan# 1006

Delta R.T. 0.006 min

Lab File: BF139781.D

Acq: 11 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MSD

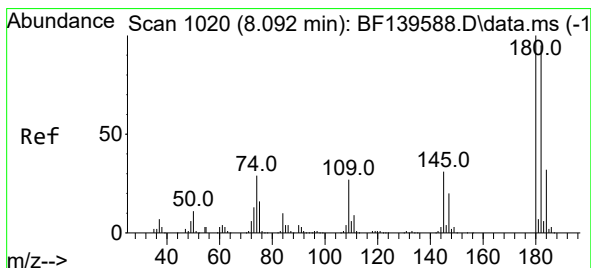
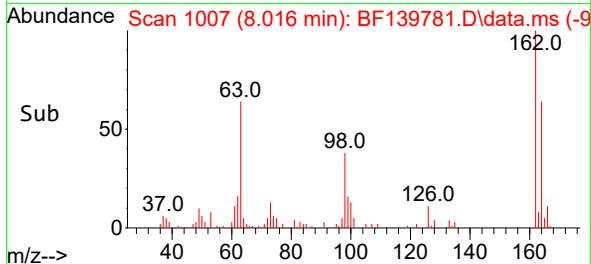
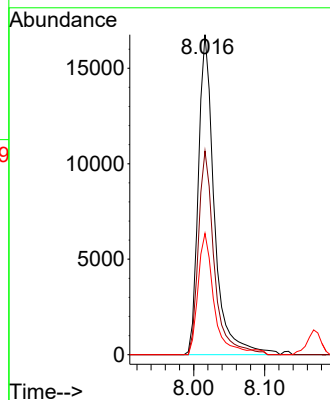
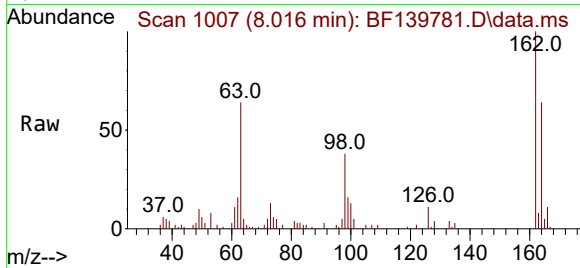
Tgt Ion:162 Resp: 26368

Ion Ratio Lower Upper

162 100

164 63.6 43.1 83.1

98 37.9 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 9.252 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF139781.D

Acq: 11 Oct 2024 18:11

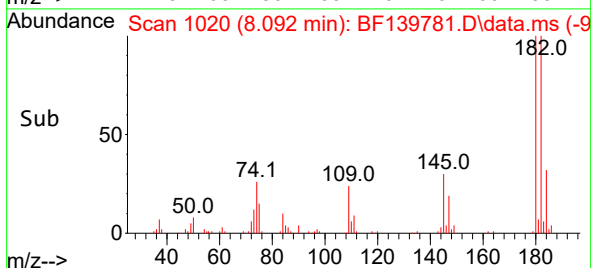
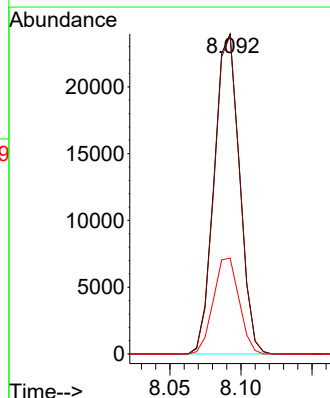
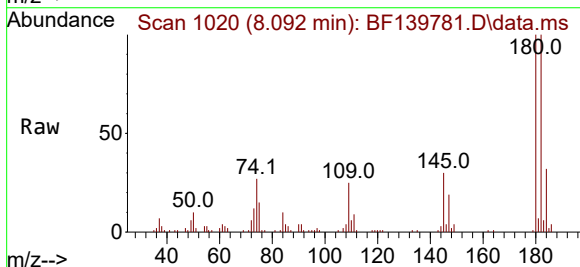
Tgt Ion:180 Resp: 29682

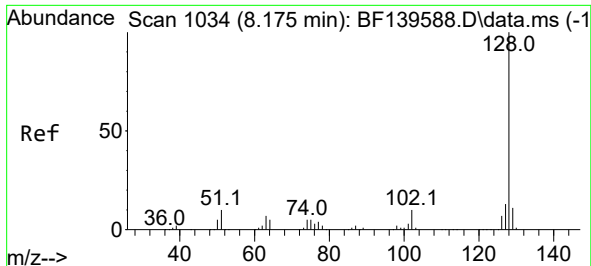
Ion Ratio Lower Upper

180 100

182 99.6 76.0 114.0

145 29.9 25.0 37.6

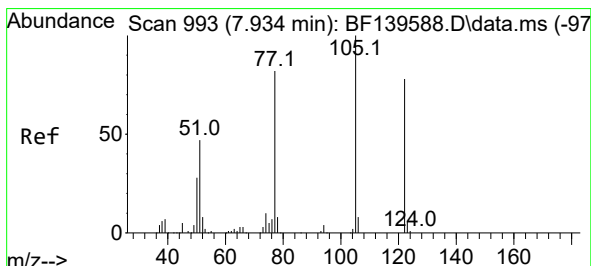
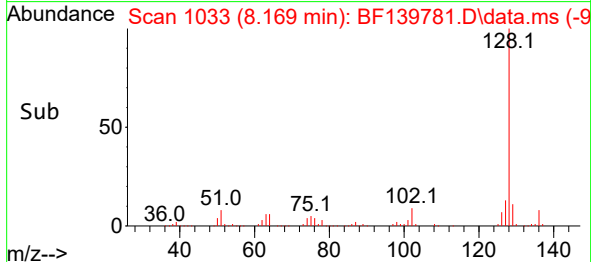
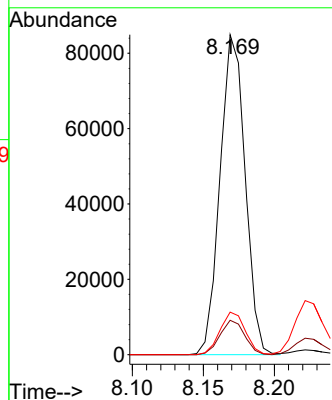
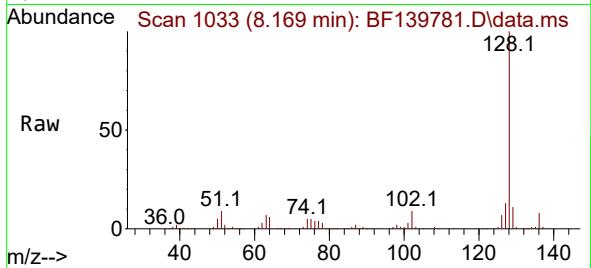




#31
Naphthalene
Concen: 10.102 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

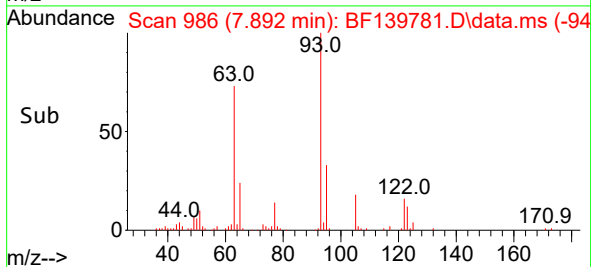
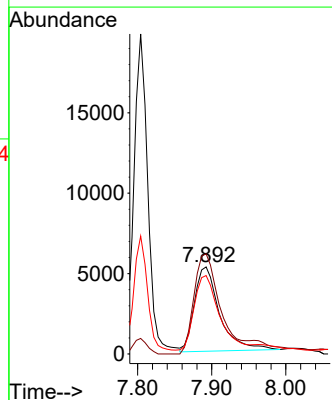
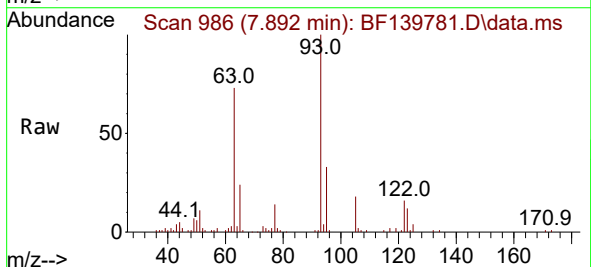
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

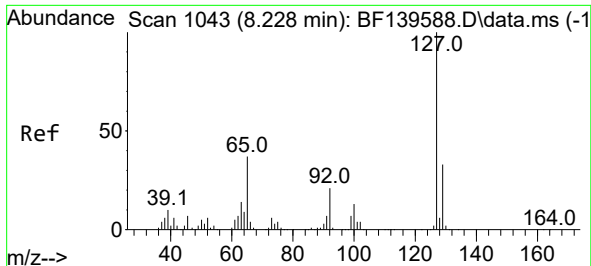
Tgt Ion:128 Resp: 104371
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 5.761 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.041 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Tgt Ion:122 Resp: 12459
Ion Ratio Lower Upper
122 100
105 115.2 104.9 144.9
77 90.2 82.7 122.7

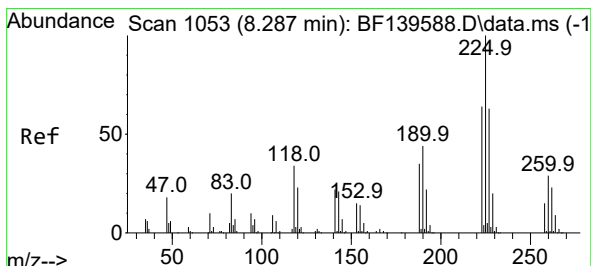
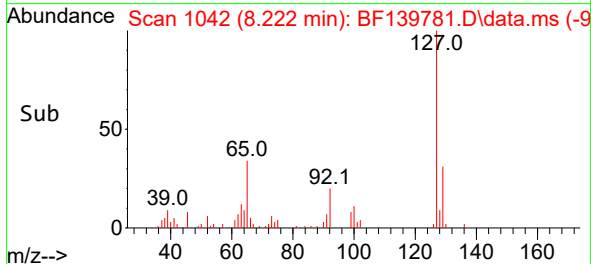
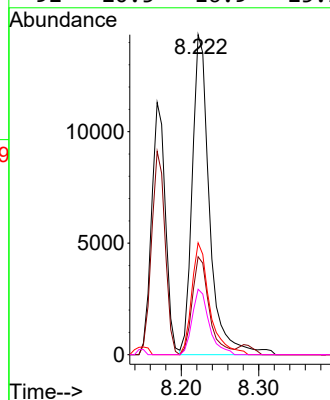
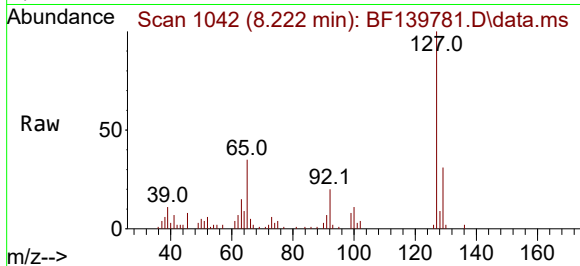




#33
4-Chloroaniline
Concen: 6.365 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

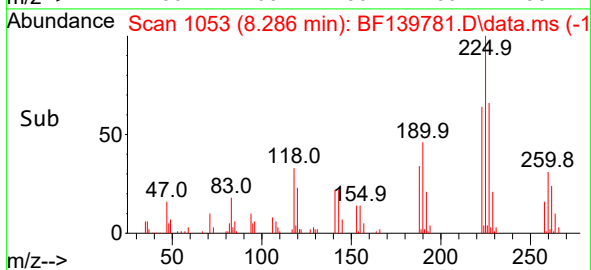
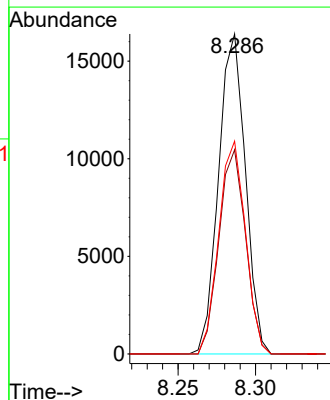
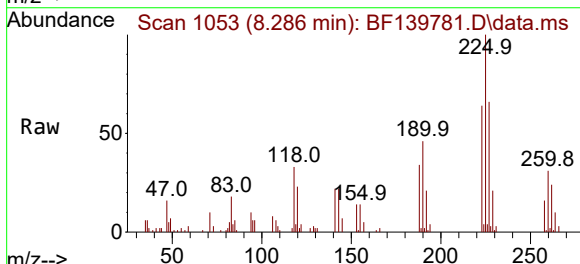
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

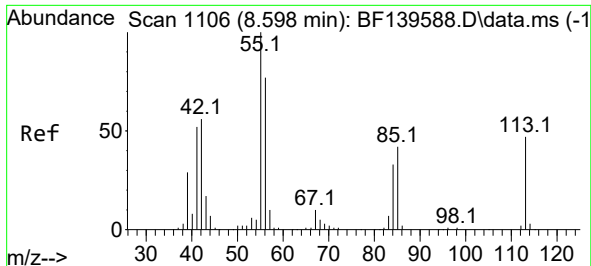
Tgt Ion:	127	Resp:	22258
Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.2	39.4
65	34.9	29.3	43.9
92	20.5	16.9	25.3



#34
Hexachlorobutadiene
Concen: 9.503 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Tgt Ion:	225	Resp:	19729
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.9	76.3
227	66.5	50.7	76.1

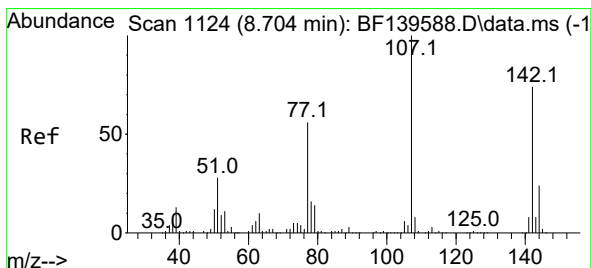
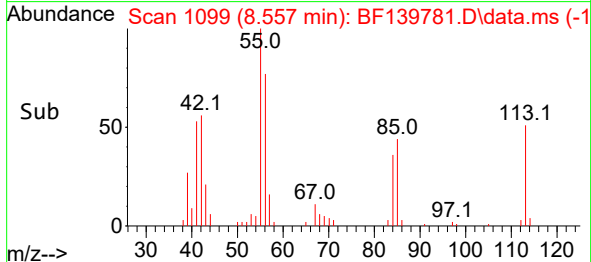
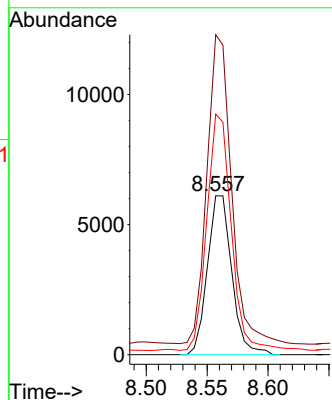
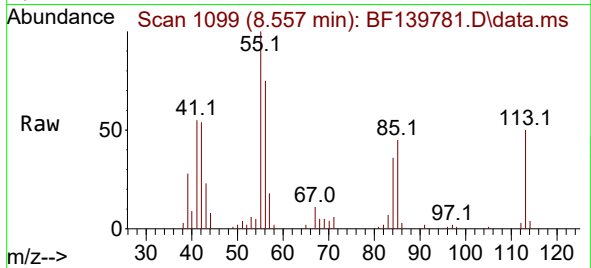




#35
 Caprolactam
 Concen: 9.129 ng
 RT: 8.557 min Scan# 1099
 Delta R.T. -0.041 min
 Lab File: BF139781.D
 Acq: 11 Oct 2024 18:11

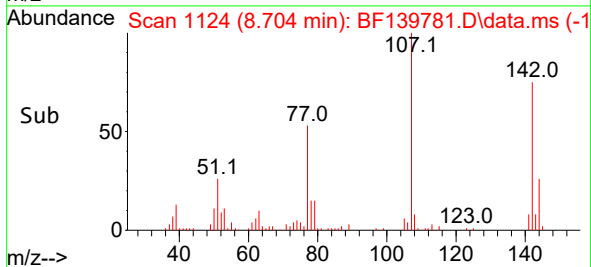
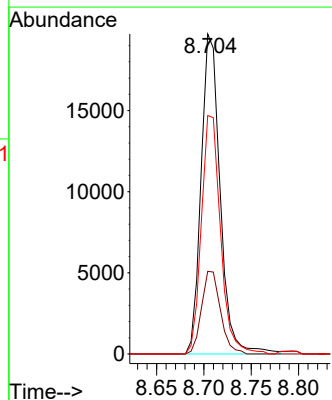
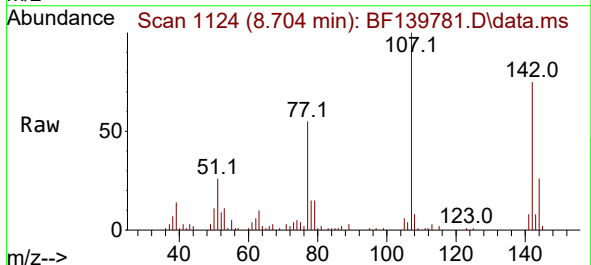
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-100924MSD

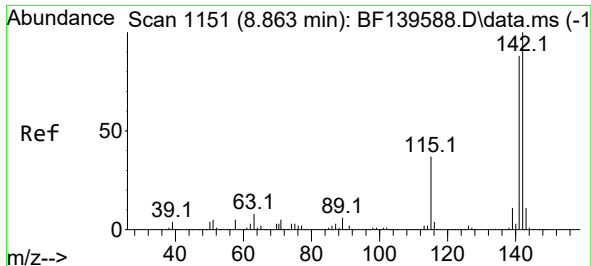
Tgt Ion:113 Resp: 8494
 Ion Ratio Lower Upper
 113 100
 55 201.3 193.4 233.4
 56 151.4 143.8 183.8



#36
 4-Chloro-3-methylphenol
 Concen: 8.585 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. -0.000 min
 Lab File: BF139781.D
 Acq: 11 Oct 2024 18:11

Tgt Ion:107 Resp: 27571
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.0 28.6
 142 74.5 59.2 88.8

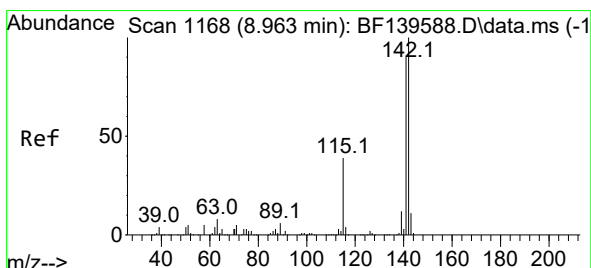
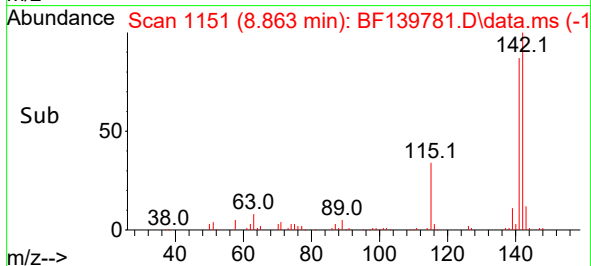
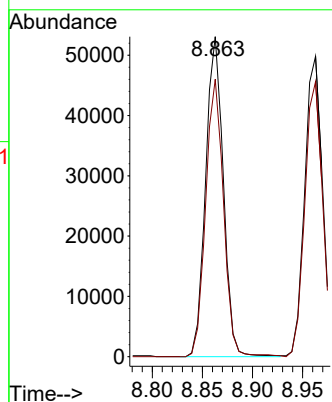
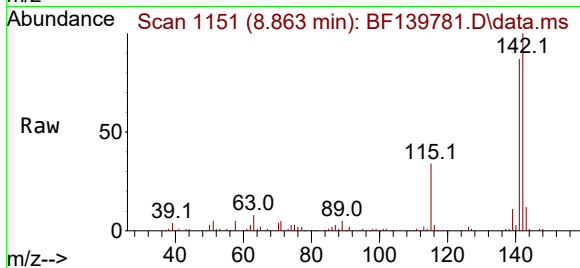




#37
2-Methylnaphthalene
Concen: 9.707 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

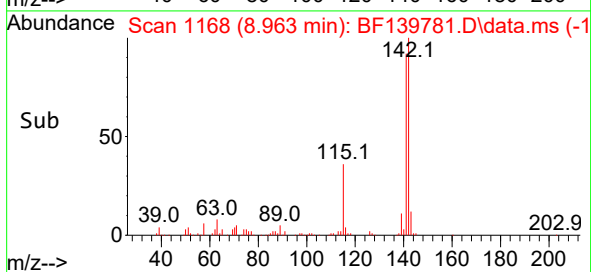
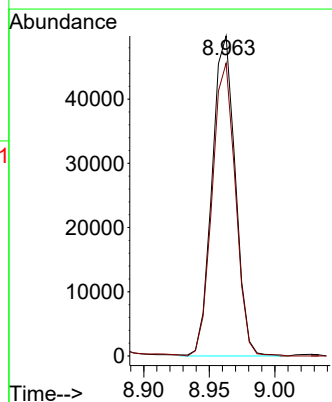
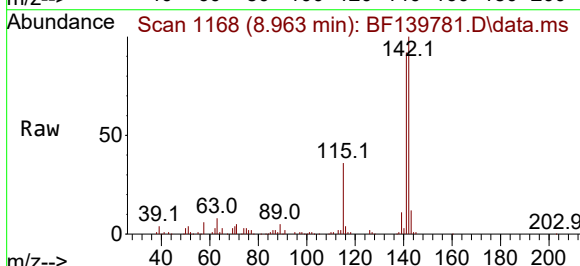
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

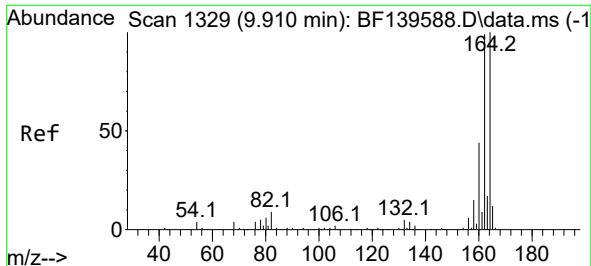
Tgt Ion:142 Resp: 65313
Ion Ratio Lower Upper
142 100
141 86.7 70.4 105.6



#38
1-Methylnaphthalene
Concen: 9.330 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Tgt Ion:142 Resp: 61367
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139781.D

Acq: 11 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MSD

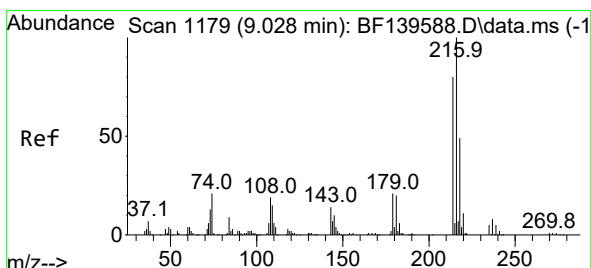
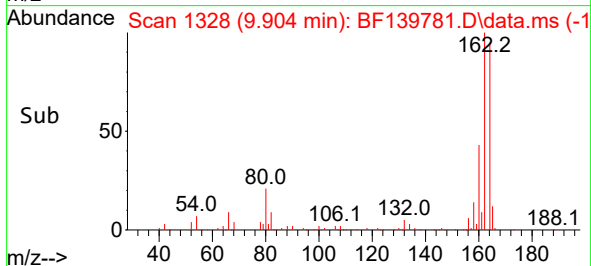
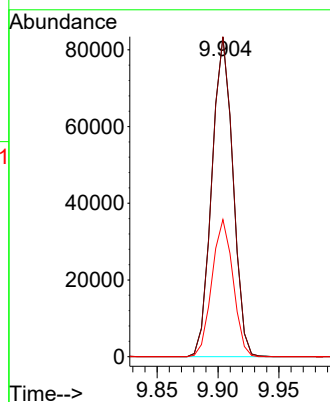
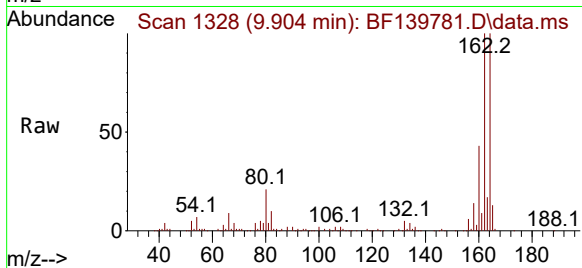
Tgt Ion:164 Resp: 100572

Ion Ratio Lower Upper

164 100

162 100.2 79.4 119.0

160 42.9 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.530 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF139781.D

Acq: 11 Oct 2024 18:11

Tgt Ion:216 Resp: 29408

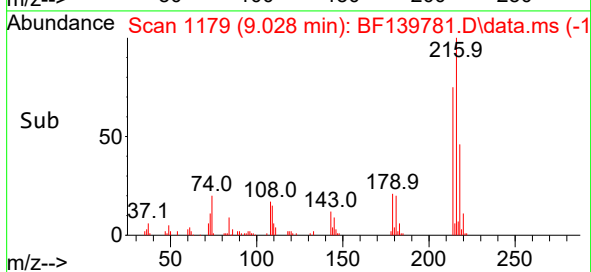
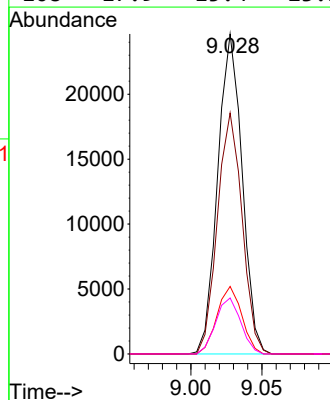
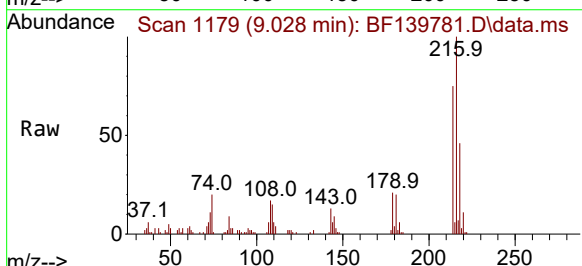
Ion Ratio Lower Upper

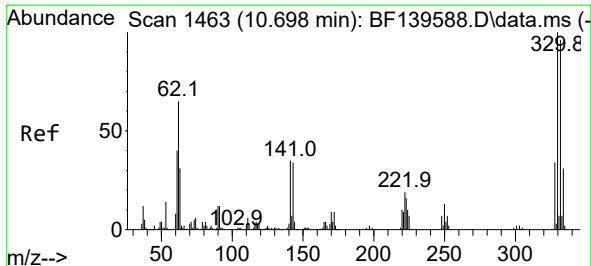
216 100

214 76.1 63.7 95.5

179 21.4 16.9 25.3

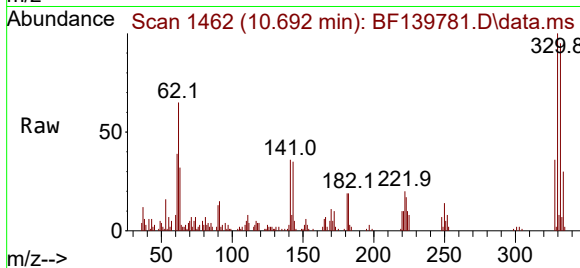
108 17.9 15.4 23.2



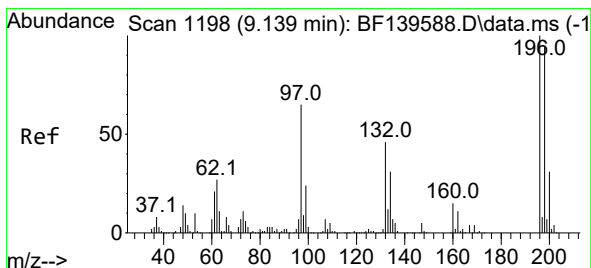
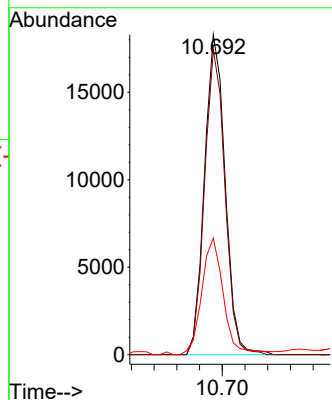
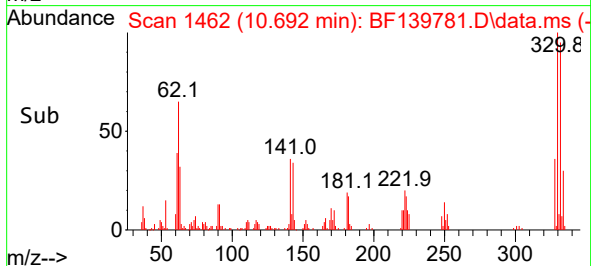


#42
2,4,6-Tribromophenol
Concen: 23.819 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

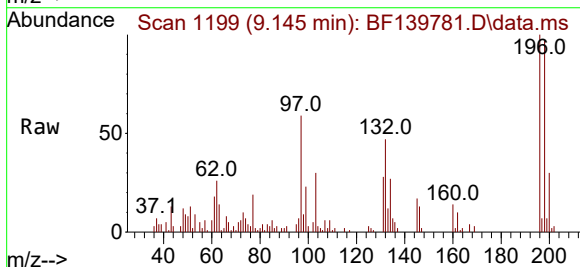
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD



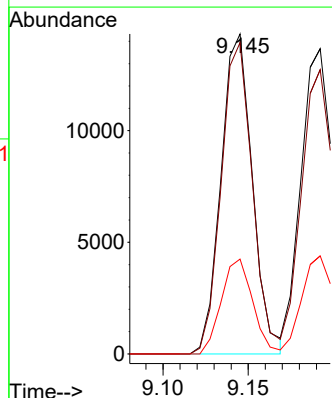
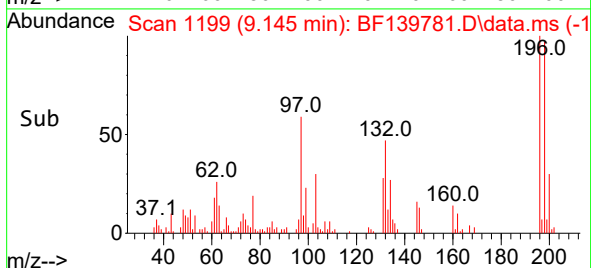
Tgt Ion:330 Resp: 23125
Ion Ratio Lower Upper
330 100
332 93.6 76.5 114.7
141 38.5 29.3 43.9

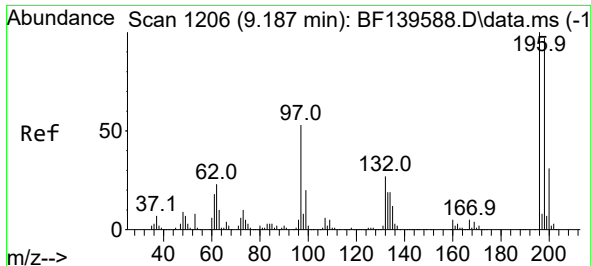


#43
2,4,6-Trichlorophenol
Concen: 9.744 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11



Tgt Ion:196 Resp: 18345
Ion Ratio Lower Upper
196 100
198 97.3 75.2 112.8
200 29.7 24.6 37.0

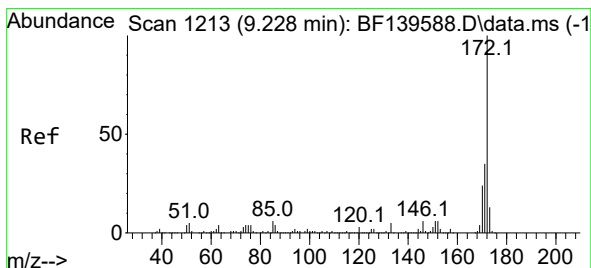
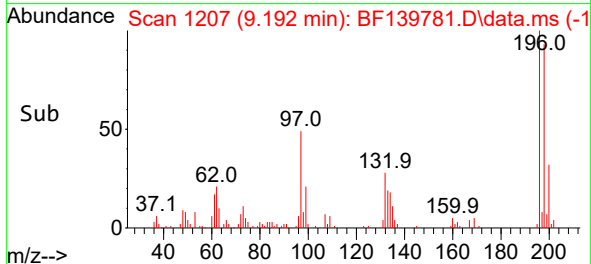
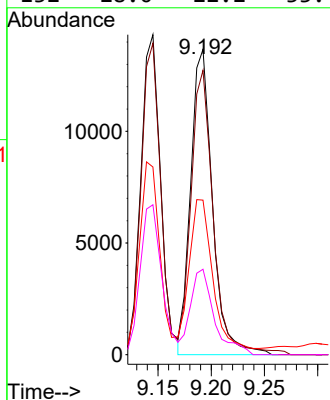
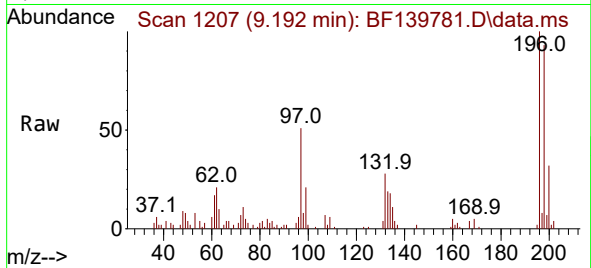




#44
2,4,5-Trichlorophenol
Concen: 9.610 ng
RT: 9.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

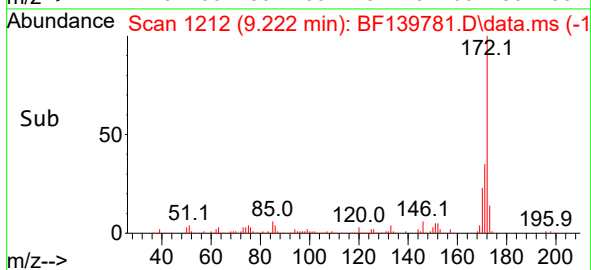
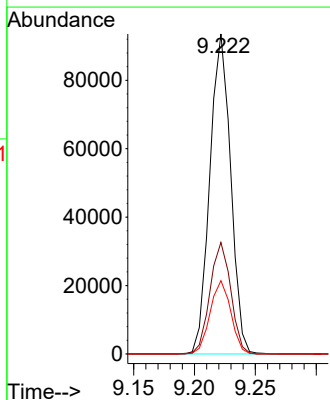
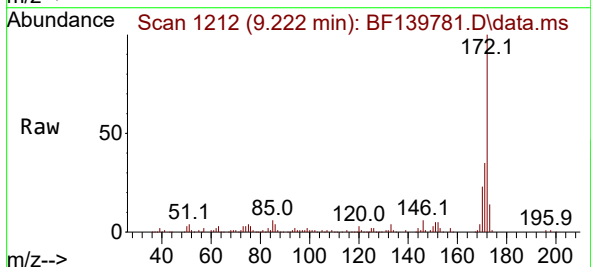
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

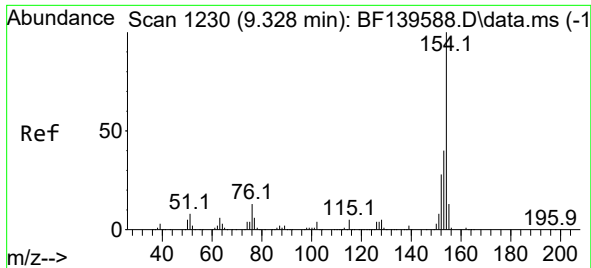
Tgt Ion:196	Resp:	19511
Ion Ratio	Lower	Upper
196	100	
198	93.2	77.5 116.3
97	50.6	43.1 64.7
132	28.0	22.2 33.4



#45
2-Fluorobiphenyl
Concen: 16.953 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Tgt Ion:172	Resp:	111064
Ion Ratio	Lower	Upper
172	100	
171	34.9	28.2 42.4
170	22.9	18.8 28.2

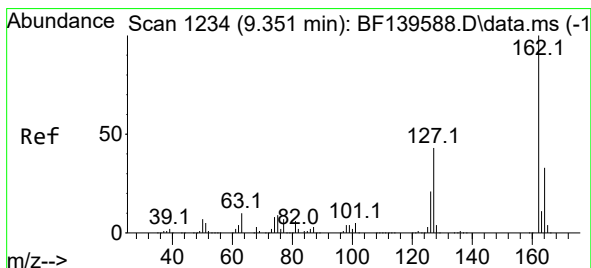
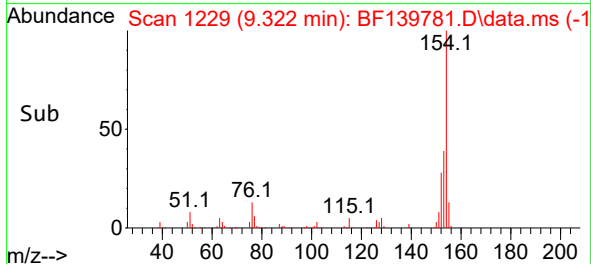
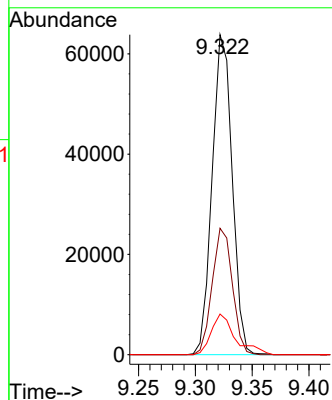
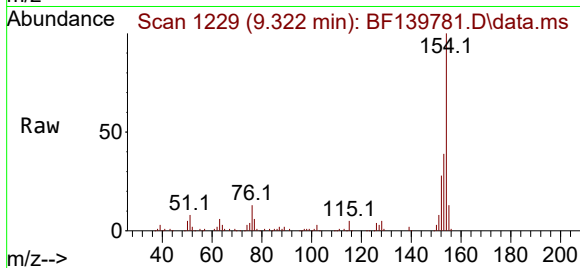




#46
1,1'-Biphenyl
Concen: 10.469 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

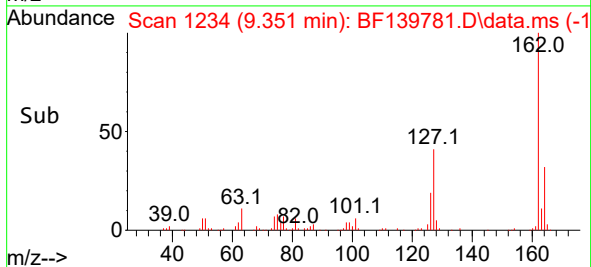
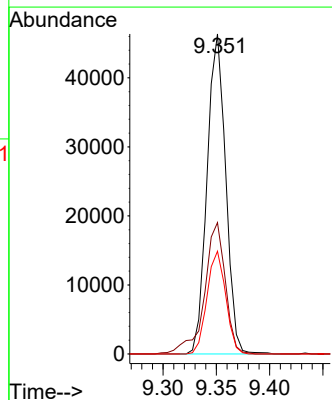
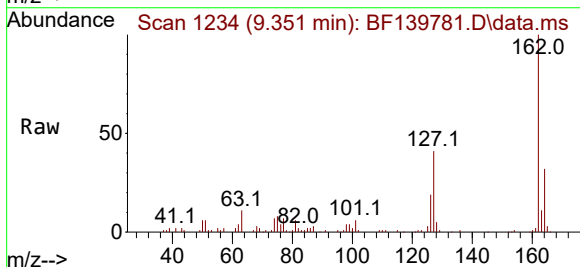
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

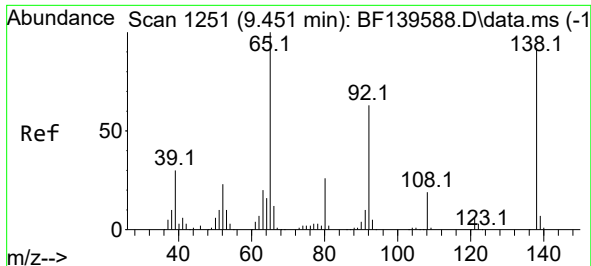
Tgt Ion:154 Resp: 78308
Ion Ratio Lower Upper
154 100
153 39.5 20.1 60.1
76 12.7 0.0 32.6



#47
2-Chloronaphthalene
Concen: 10.060 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Tgt Ion:162 Resp: 56413
Ion Ratio Lower Upper
162 100
127 41.1 35.0 52.4
164 32.1 26.1 39.1

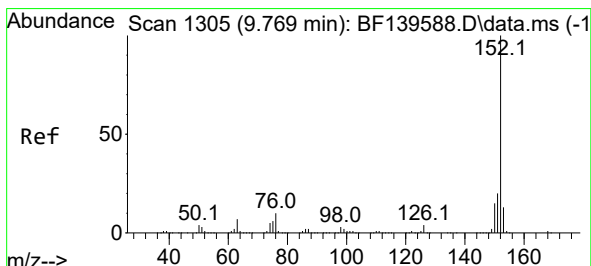
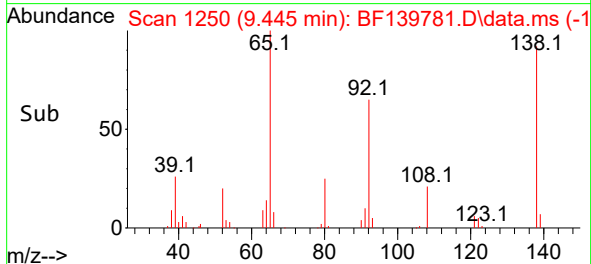
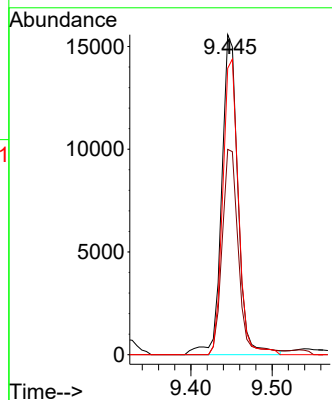
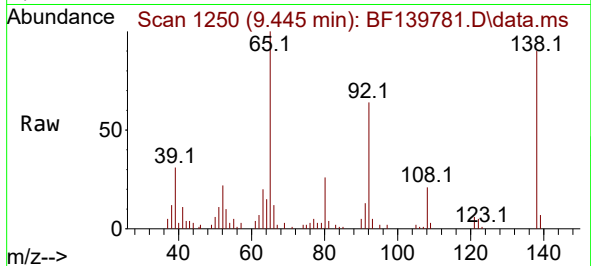




#48
2-Nitroaniline
Concen: 10.834 ng
RT: 9.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

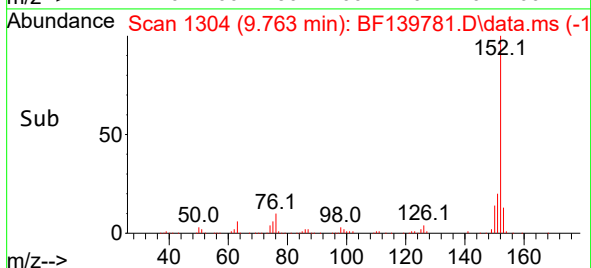
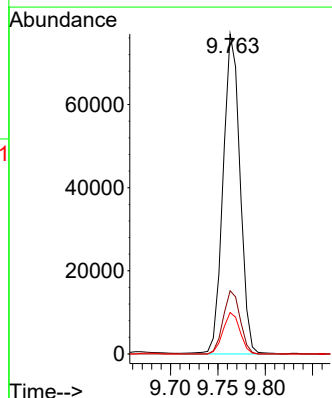
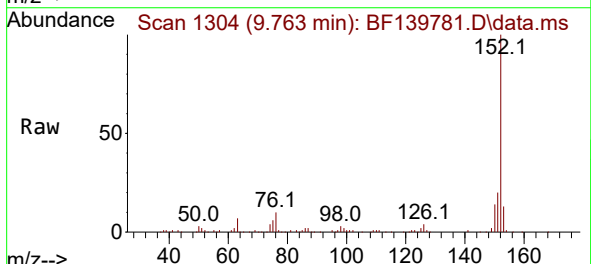
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

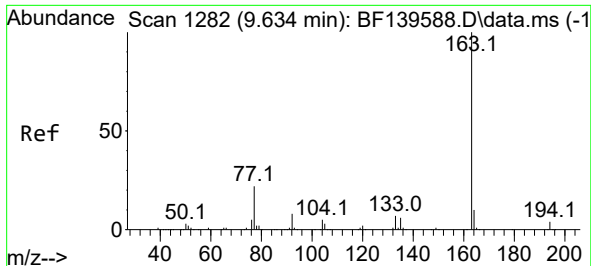
Tgt Ion: 65 Resp: 21808
Ion Ratio Lower Upper
65 100
92 64.2 50.0 75.0
138 89.5 73.8 110.8



#49
Acenaphthylene
Concen: 11.255 ng
RT: 9.763 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Tgt Ion: 152 Resp: 95986
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.0 10.5 15.7

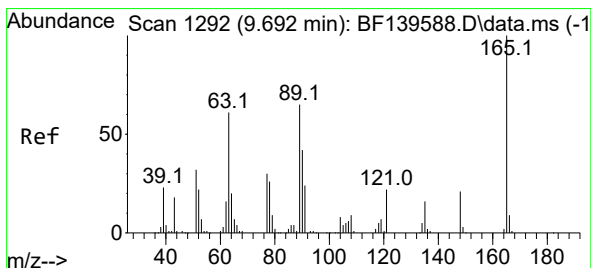
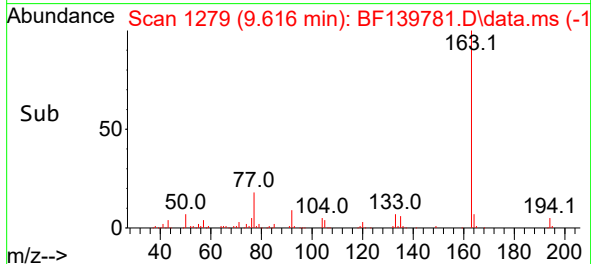
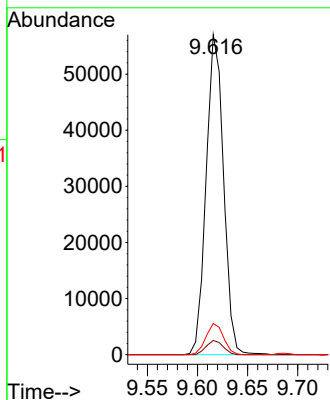
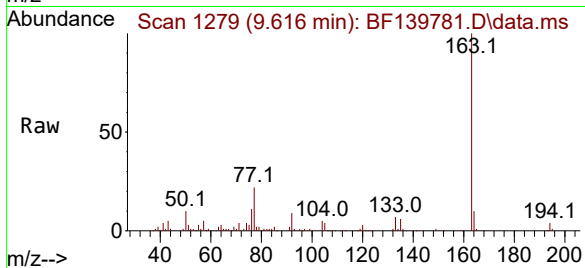




#50
Dimethylphthalate
Concen: 10.496 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

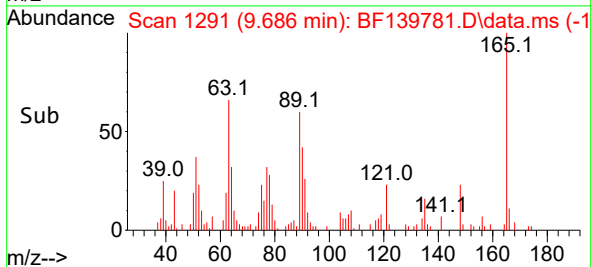
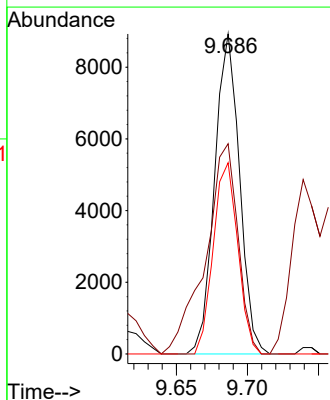
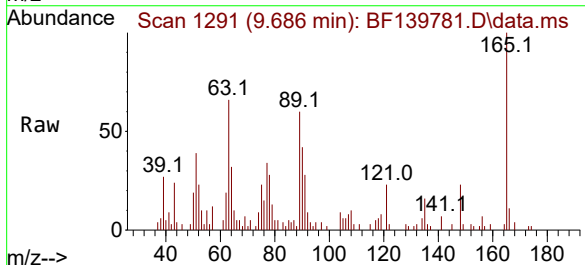
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

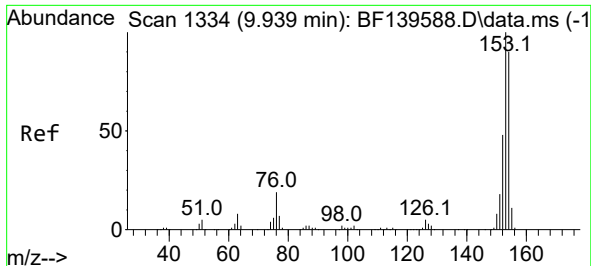
Tgt Ion:163 Resp: 69103
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 9.7 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.308 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Tgt Ion:165 Resp: 10868
Ion Ratio Lower Upper
165 100
63 65.7 56.7 85.1
89 59.8 51.6 77.4

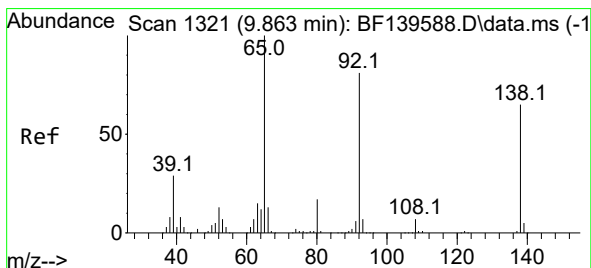
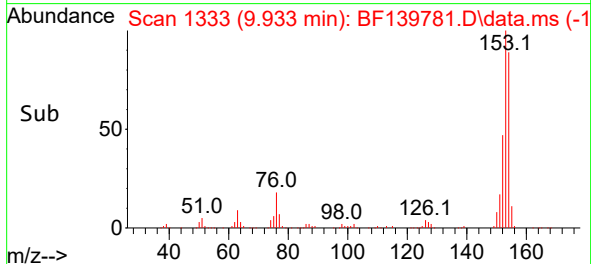
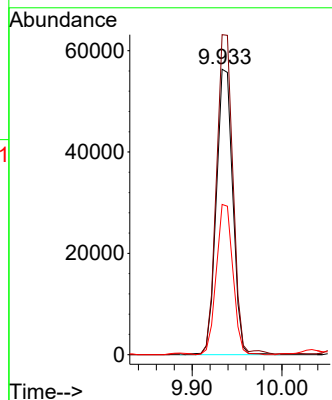
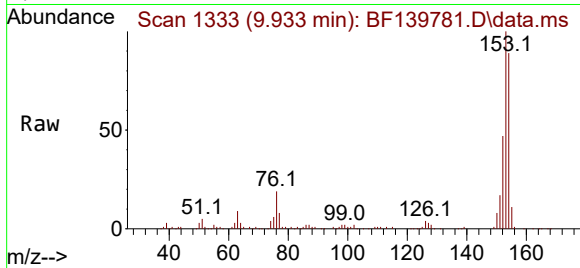




#52
Acenaphthene
Concen: 12.250 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

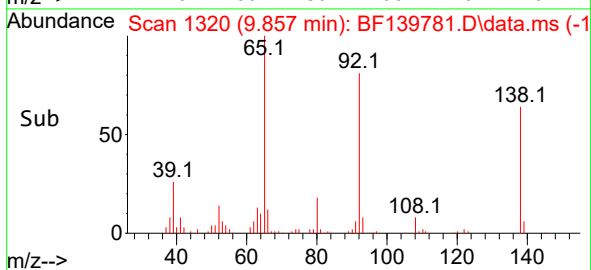
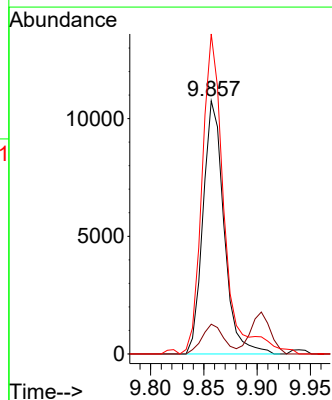
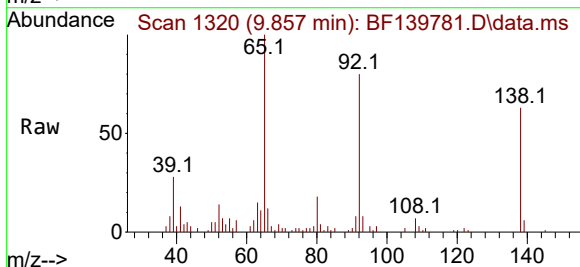
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

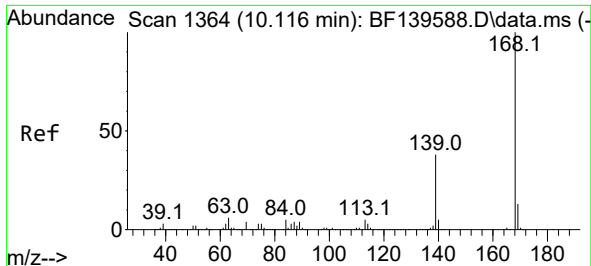
Tgt Ion:154 Resp: 71717
Ion Ratio Lower Upper
154 100
153 112.1 88.8 133.2
152 52.6 42.5 63.7



#53
3-Nitroaniline
Concen: 9.717 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Tgt Ion:138 Resp: 14767
Ion Ratio Lower Upper
138 100
108 11.8 8.8 13.2
92 126.4 100.0 150.0

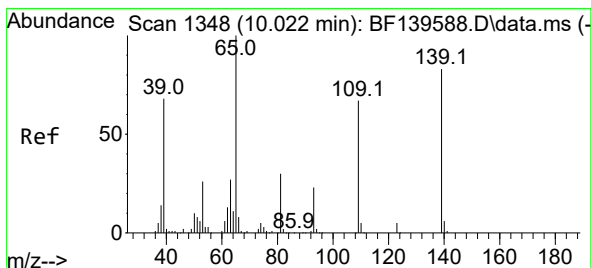
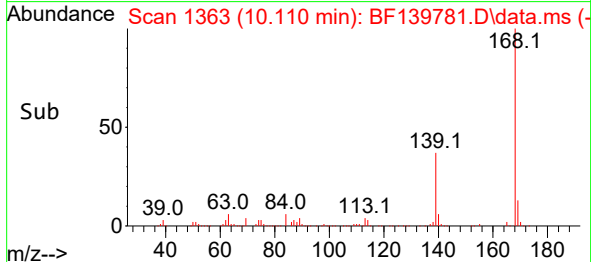
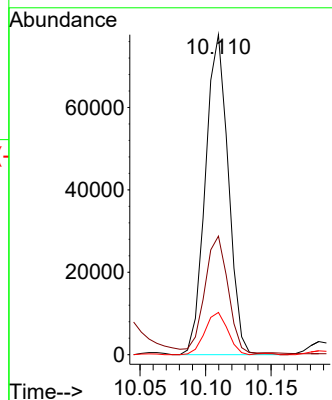
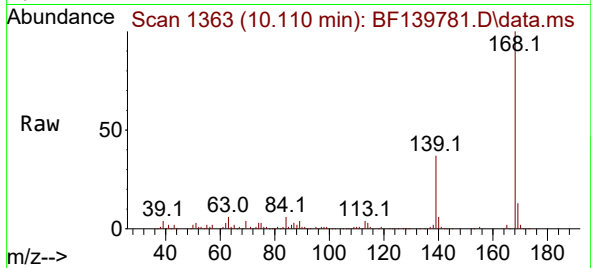




#55
Dibenzenofuran
Concen: 11.516 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

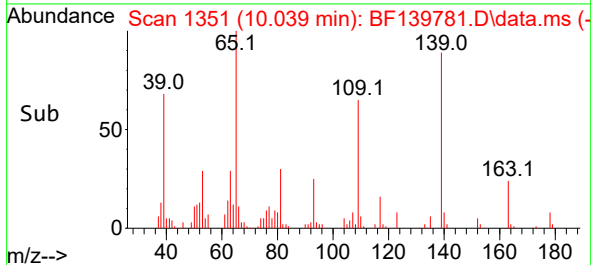
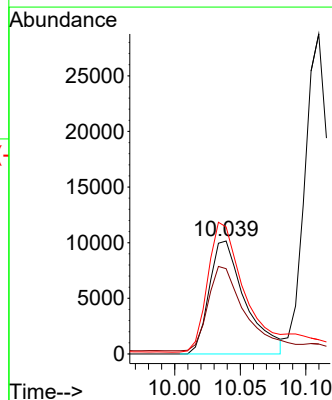
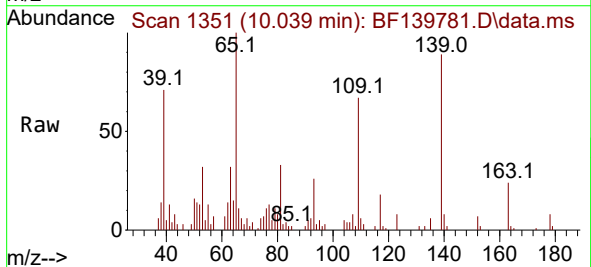
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

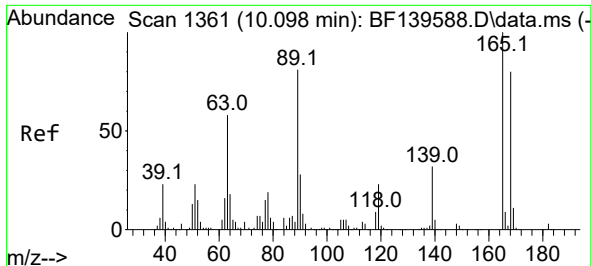
Tgt Ion:168 Resp: 94400
Ion Ratio Lower Upper
168 100
139 37.0 30.4 45.6
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 16.806 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.017 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Tgt Ion:139 Resp: 19478
Ion Ratio Lower Upper
139 100
109 75.5 60.3 100.3
65 112.6 100.8 140.8

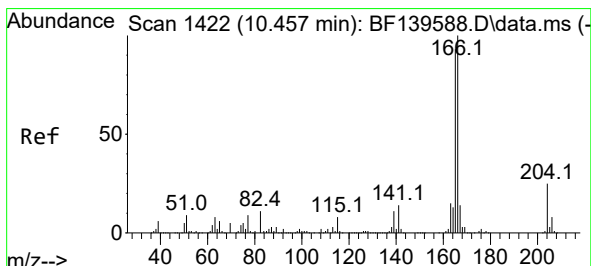
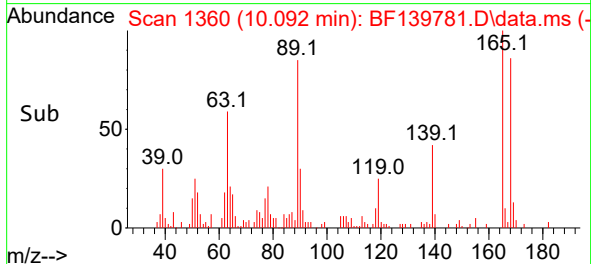
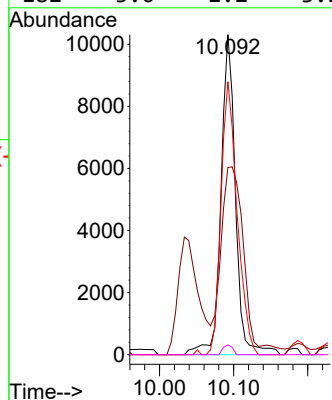
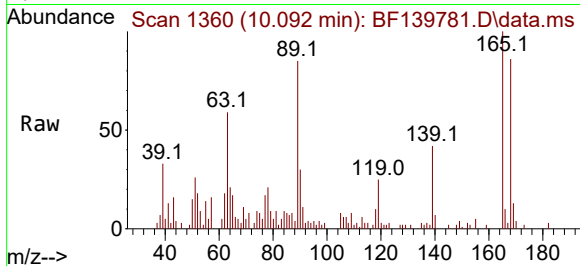




#57
2,4-Dinitrotoluene
Concen: 7.216 ng
RT: 10.092 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

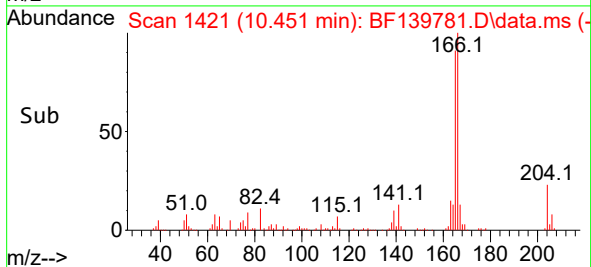
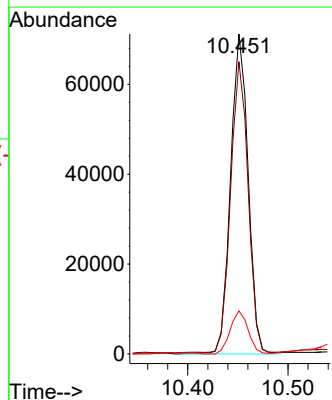
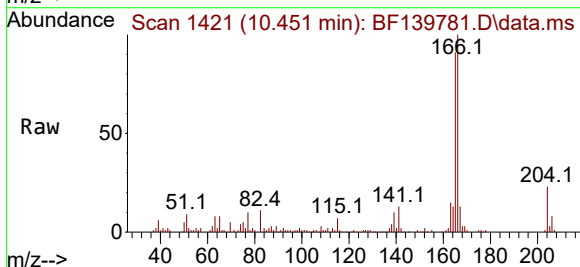
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

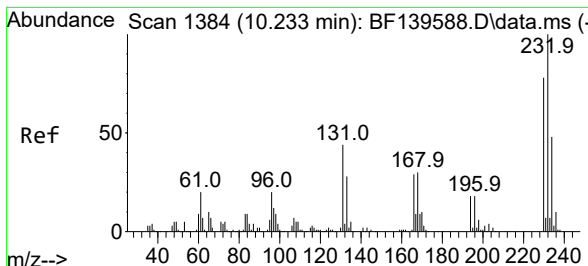
Tgt Ion:	165	Resp:	14028
Ion Ratio	Lower	Upper	
165	100		
63	58.5	46.9	70.3
89	85.3	64.4	96.6
182	3.0	2.2	3.2



#58
Fluorene
Concen: 13.267 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Tgt Ion:	166	Resp:	86621
Ion Ratio	Lower	Upper	
166	100		
165	91.4	74.4	111.6
167	13.5	10.9	16.3

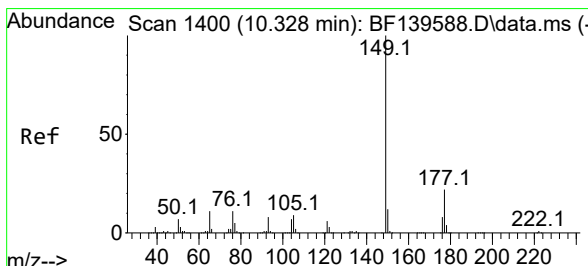
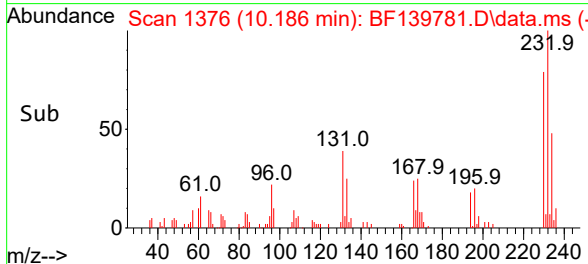
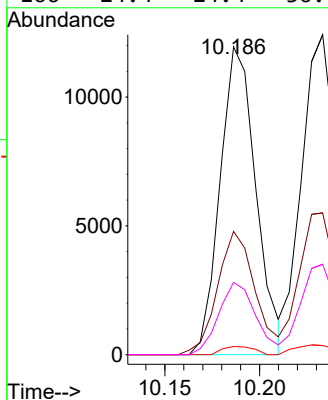
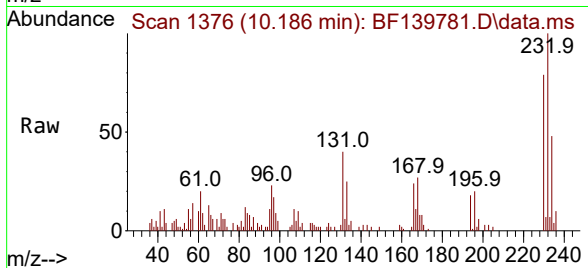




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.611 ng
RT: 10.186 min Scan# 11
Delta R.T. -0.047 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

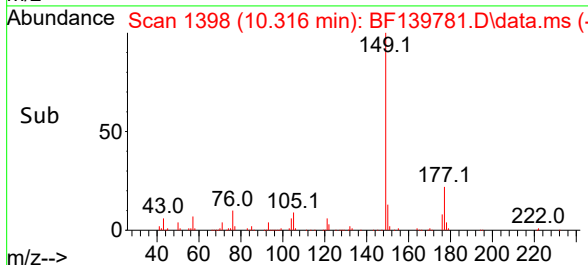
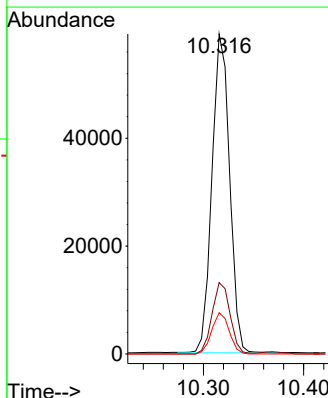
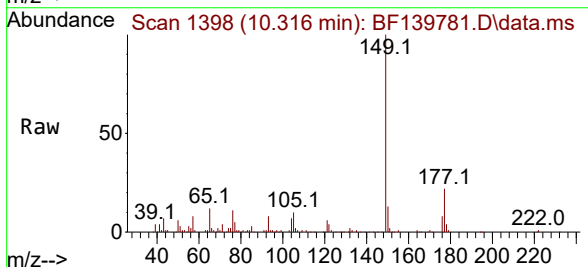
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

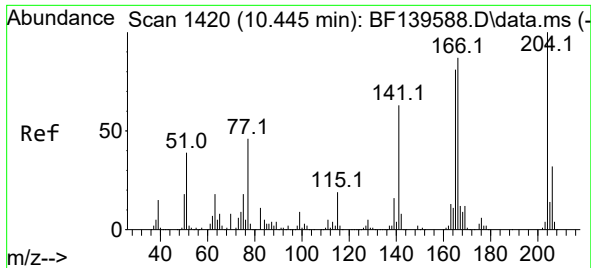
Tgt Ion:232 Resp: 15760
Ion Ratio Lower Upper
232 100
131 42.0 37.8 56.6
130 2.3 1.9 2.9
166 24.4 24.4 36.6



#60
Diethylphthalate
Concen: 10.636 ng
RT: 10.316 min Scan# 1398
Delta R.T. -0.012 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Tgt Ion:149 Resp: 72324
Ion Ratio Lower Upper
149 100
177 22.3 17.4 26.0
150 12.9 10.0 15.0

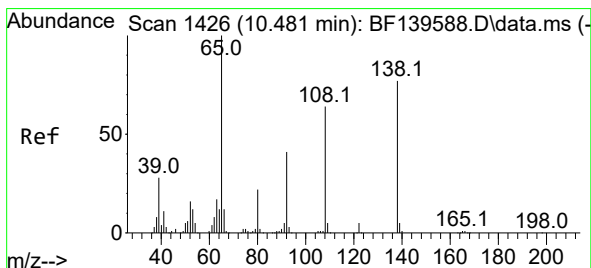
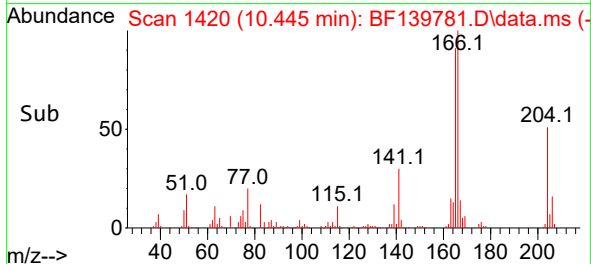
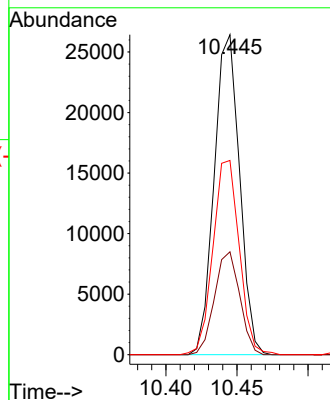
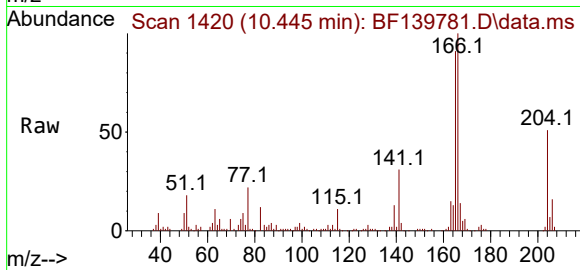




#61
4-Chlorophenyl-phenylether
Concen: 10.057 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

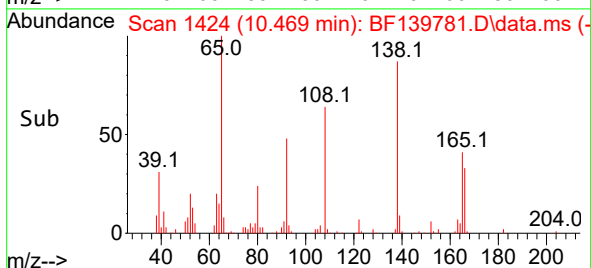
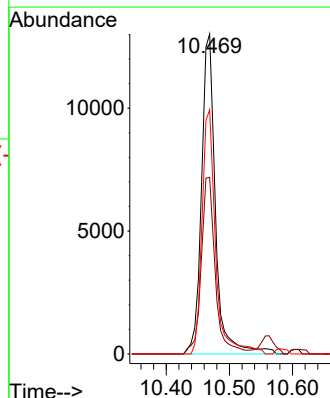
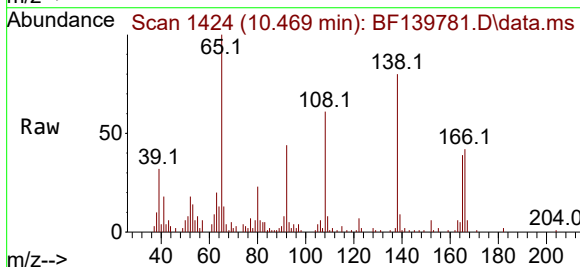
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

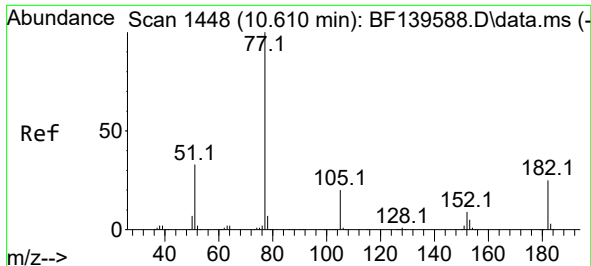
Tgt Ion:204 Resp: 32849
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 60.7 50.5 75.7



#62
4-Nitroaniline
Concen: 12.907 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Tgt Ion:138 Resp: 20065
Ion Ratio Lower Upper
138 100
92 55.2 33.3 73.3
108 76.3 62.1 102.1

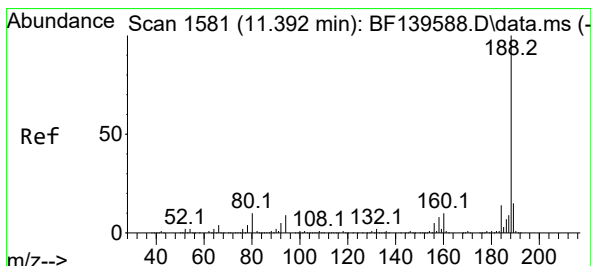
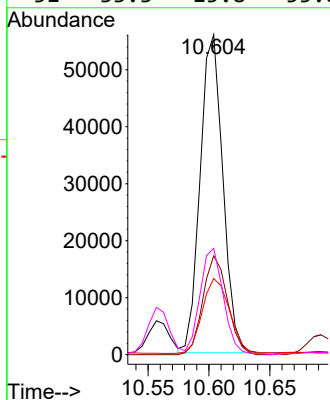
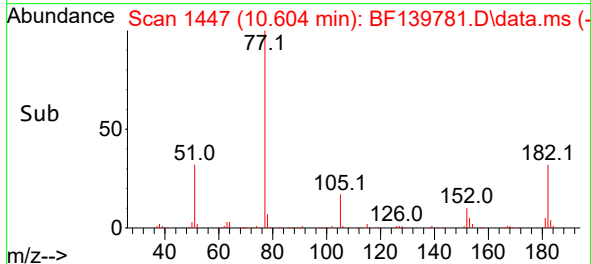
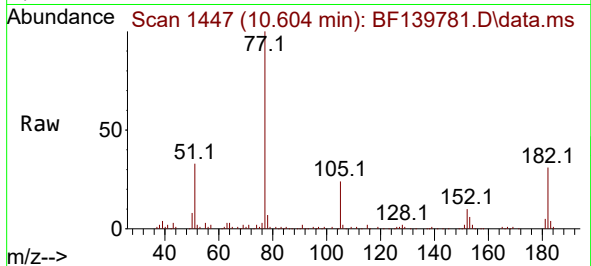




#63
Azobenzene
Concen: 10.570 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

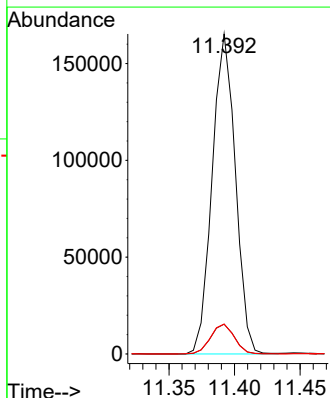
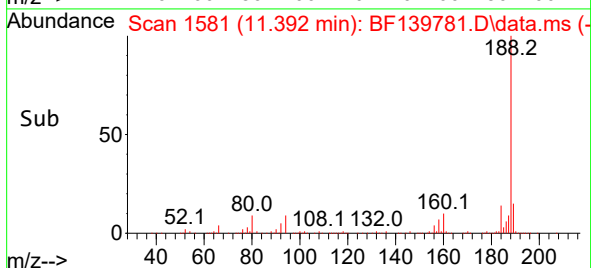
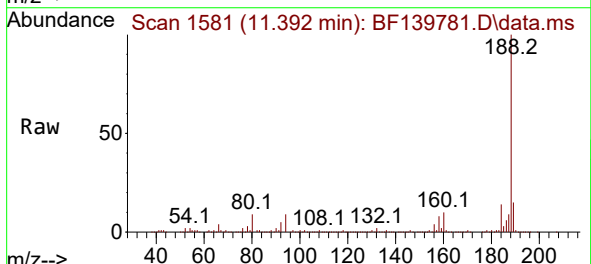
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

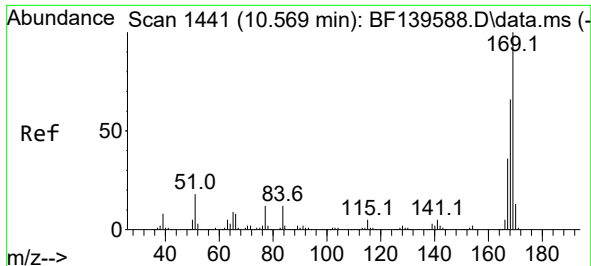
Tgt Ion: 77	Resp: 72281
Ion Ratio	Lower Upper
77 100	
182 30.9	4.2 44.2
105 23.8	0.0 39.6
51 33.3	15.8 55.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

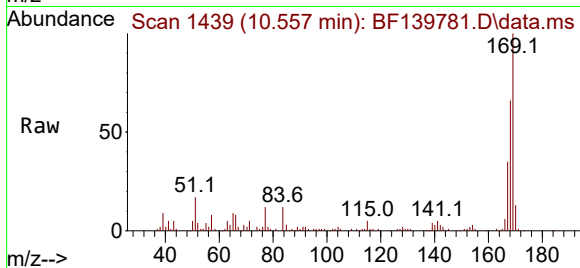
Tgt Ion:188	Resp: 203523
Ion Ratio	Lower Upper
188 100	
94 9.3	7.4 11.2
80 9.3	8.2 12.2



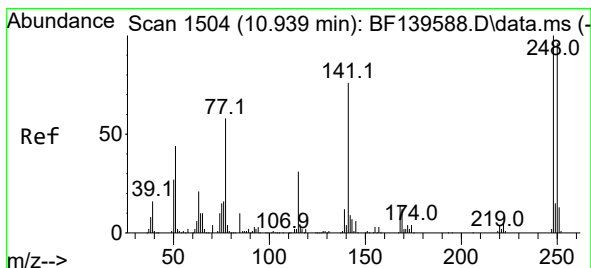
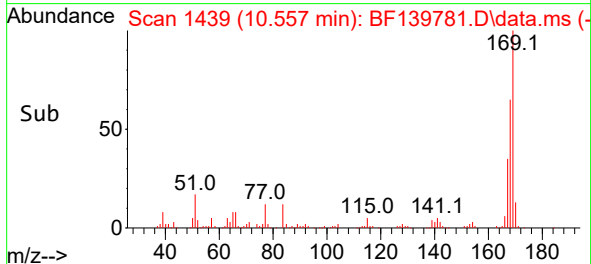
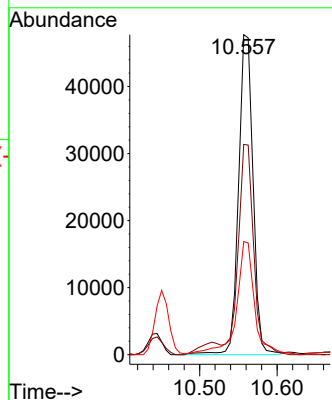


#66
n-Nitrosodiphenylamine
Concen: 10.369 ng
RT: 10.557 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

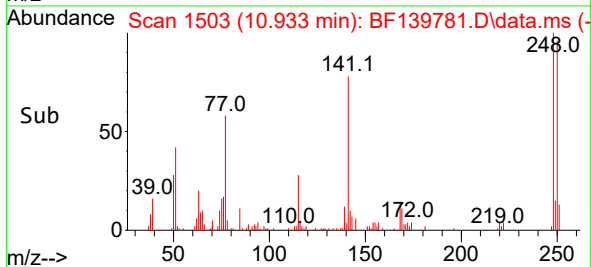
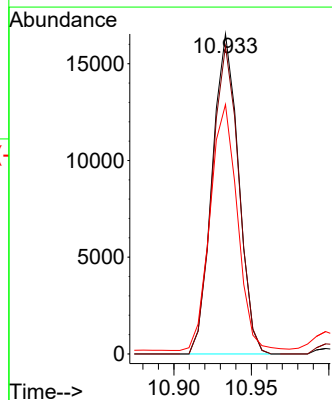
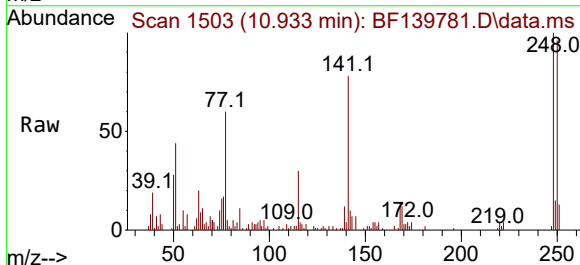


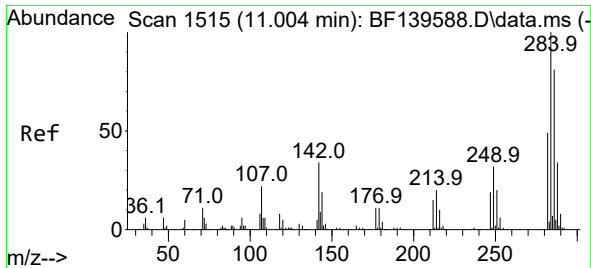
Tgt Ion:169 Resp: 62206
Ion Ratio Lower Upper
169 100
168 65.7 53.2 79.8
167 35.4 28.6 43.0



#67
4-Bromophenyl-phenylether
Concen: 9.374 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

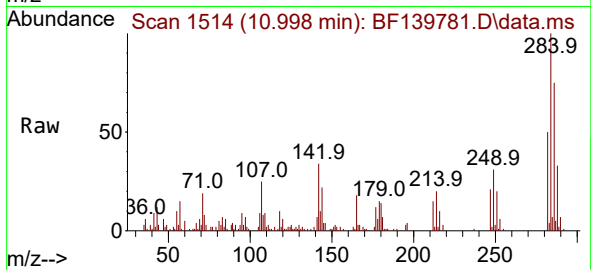
Tgt Ion:248 Resp: 19560
Ion Ratio Lower Upper
248 100
250 96.2 77.1 115.7
141 78.0 60.4 90.6



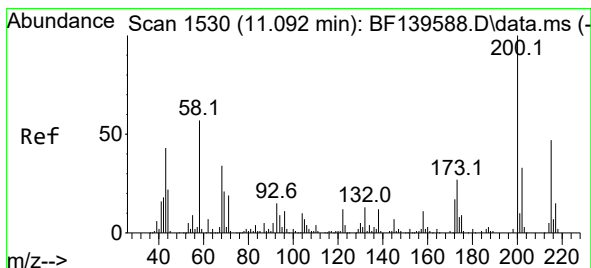
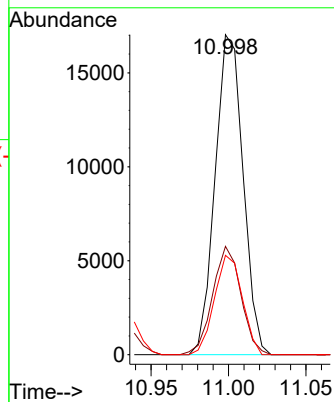
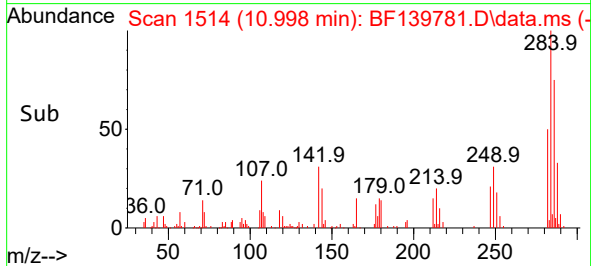


#68
Hexachlorobenzene
Concen: 9.221 ng
RT: 10.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

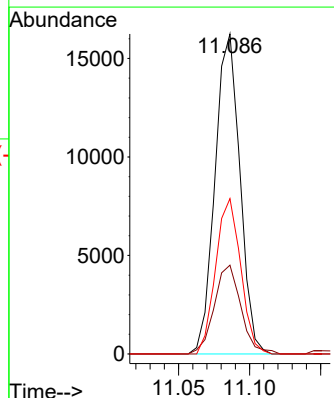
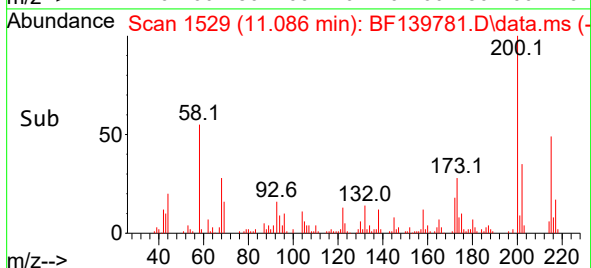
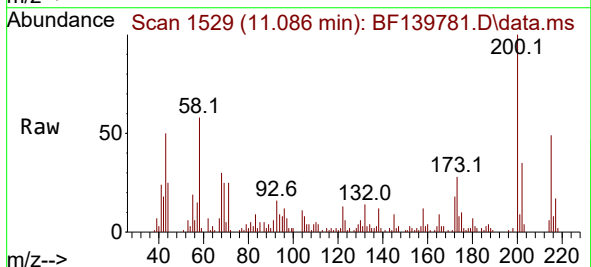


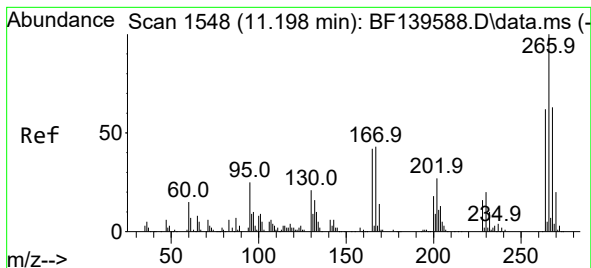
Tgt Ion:284 Resp: 21351
Ion Ratio Lower Upper
284 100
142 33.8 26.9 40.3
249 31.1 25.4 38.0



#69
Atrazine
Concen: 12.323 ng
RT: 11.086 min Scan# 1529
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Tgt Ion:200 Resp: 19835
Ion Ratio Lower Upper
200 100
173 27.7 6.7 46.7
215 48.6 27.5 67.5





#70

Pentachlorophenol

Concen: 14.801 ng

RT: 11.198 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139781.D

Acq: 11 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MSD

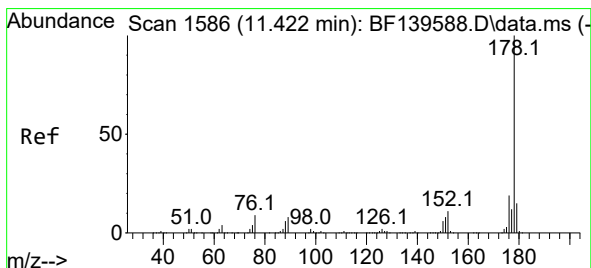
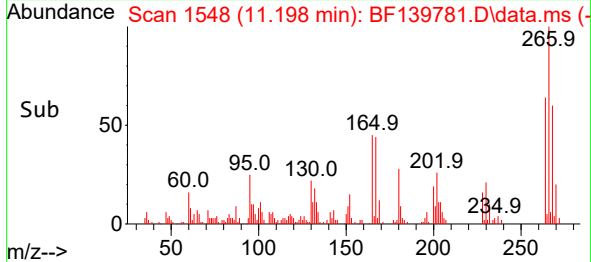
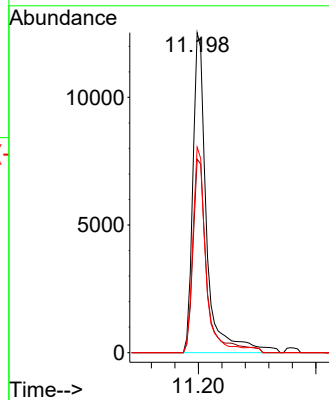
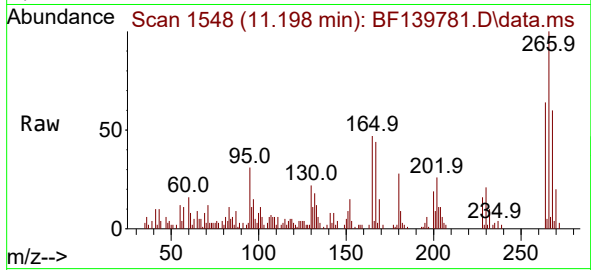
Tgt Ion:266 Resp: 20407

Ion Ratio Lower Upper

266 100

268 60.5 50.0 75.0

264 64.2 49.3 73.9



#71

Phenanthrene

Concen: 31.915 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF139781.D

Acq: 11 Oct 2024 18:11

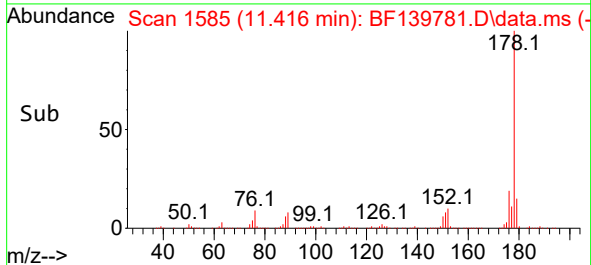
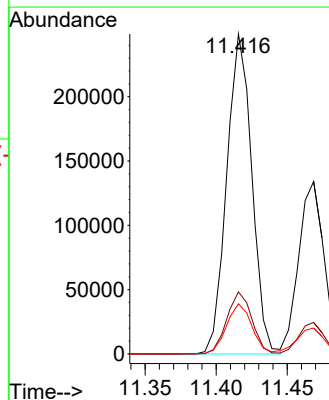
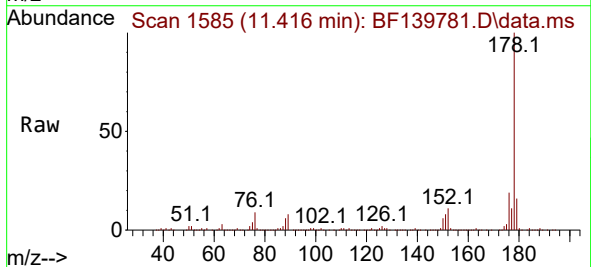
Tgt Ion:178 Resp: 306262

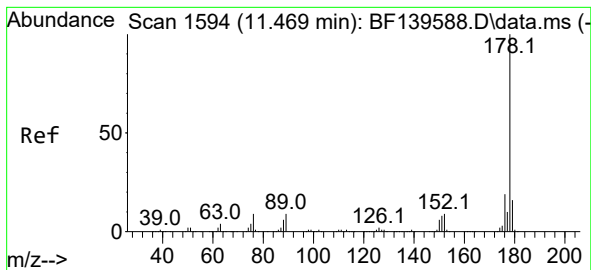
Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.7 12.3 18.5





#72

Anthracene

Concen: 17.705 ng

RT: 11.469 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139781.D

Acq: 11 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MSD

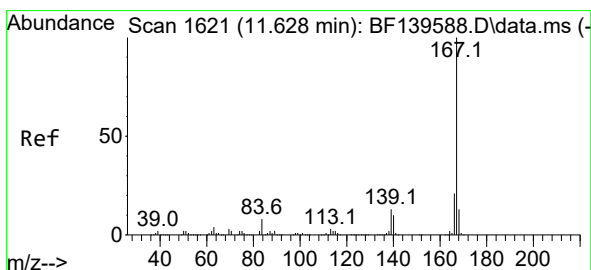
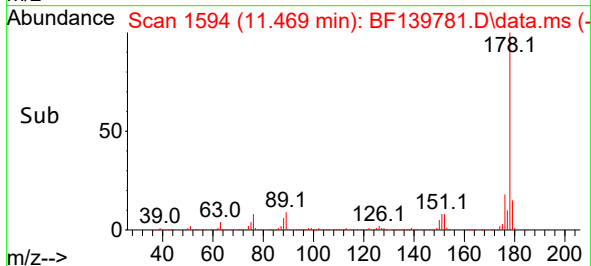
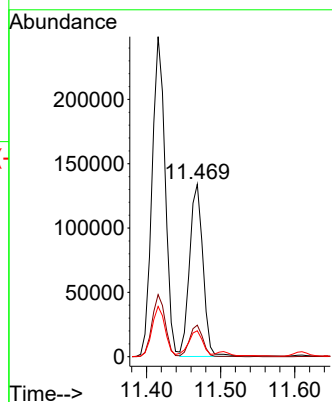
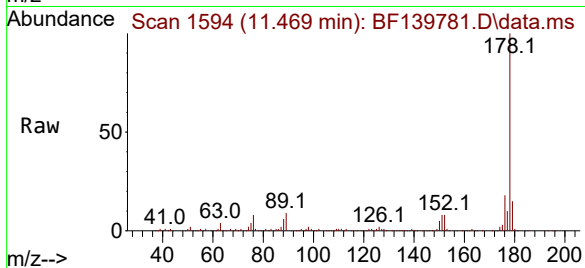
Tgt Ion:178 Resp: 168083

Ion Ratio Lower Upper

178 100

176 18.2 15.1 22.7

179 15.1 12.5 18.7



#73

Carbazole

Concen: 13.631 ng

RT: 11.621 min Scan# 1620

Delta R.T. -0.006 min

Lab File: BF139781.D

Acq: 11 Oct 2024 18:11

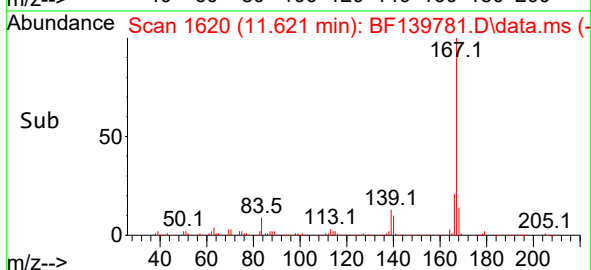
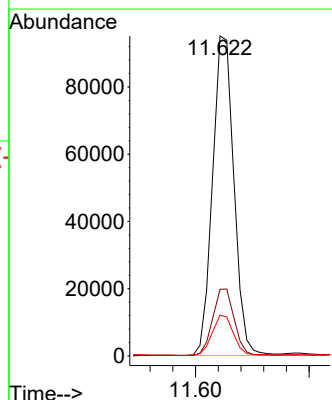
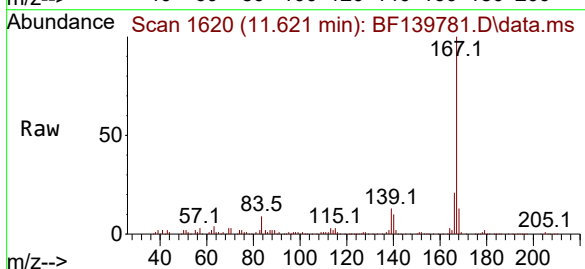
Tgt Ion:167 Resp: 124286

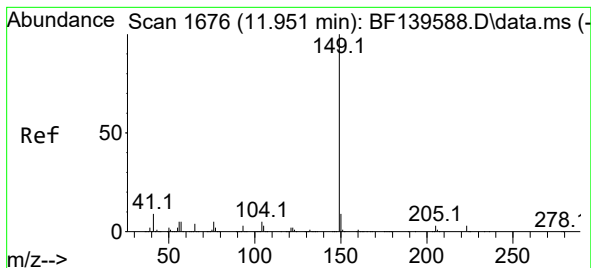
Ion Ratio Lower Upper

167 100

166 20.9 17.2 25.8

139 12.7 10.3 15.5





#74

Di-n-butylphthalate

Concen: 11.202 ng

RT: 11.951 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139781.D

Acq: 11 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MSD

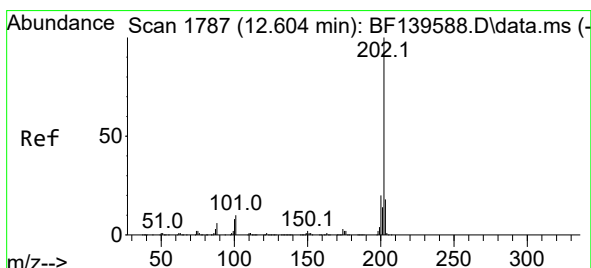
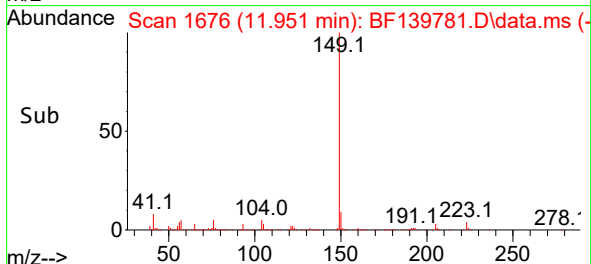
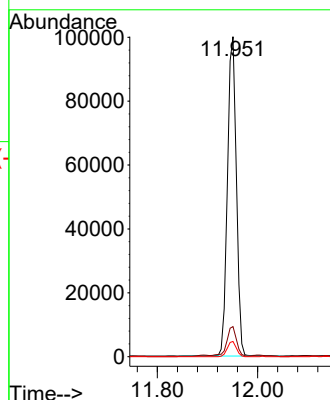
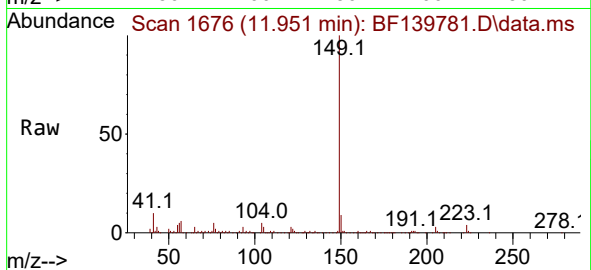
Tgt Ion:149 Resp: 124212

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.7 4.1 6.1



#75

Fluoranthene

Concen: 56.798 ng

RT: 12.610 min Scan# 1788

Delta R.T. 0.006 min

Lab File: BF139781.D

Acq: 11 Oct 2024 18:11

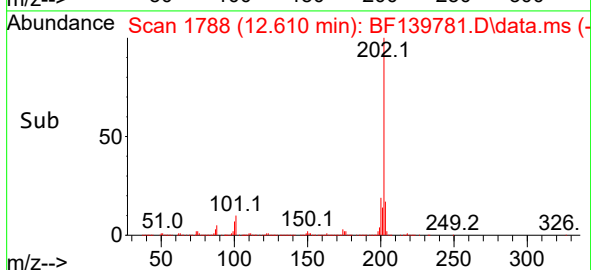
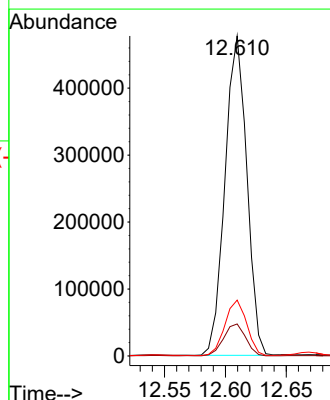
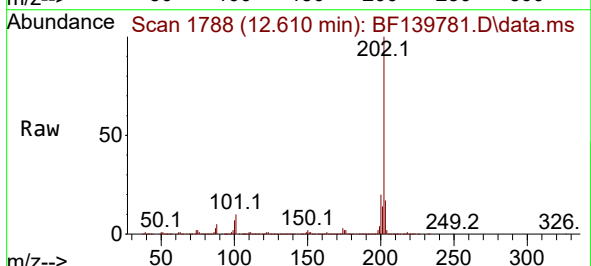
Tgt Ion:202 Resp: 595817

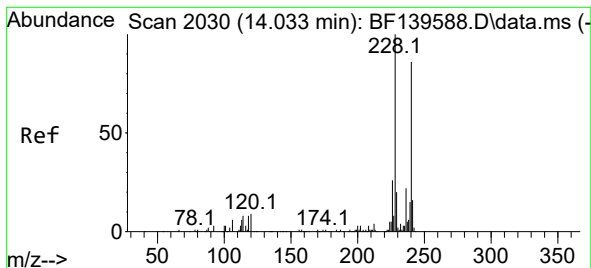
Ion Ratio Lower Upper

202 100

101 10.0 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: BF139781.D

Acq: 11 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MSD

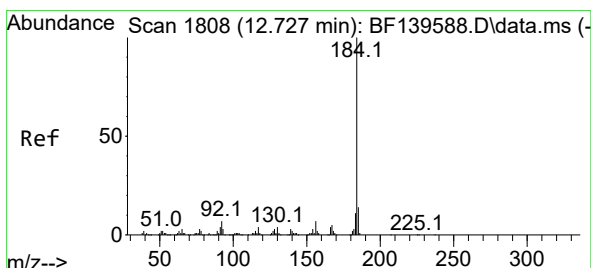
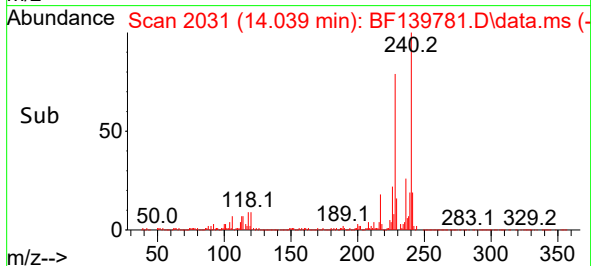
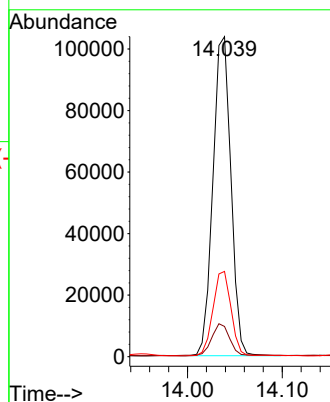
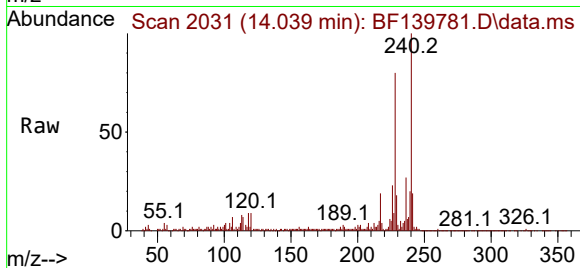
Tgt Ion:240 Resp: 136605

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

236 26.6 20.3 30.5



#77

Benzidine

Concen: 11.807 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.006 min

Lab File: BF139781.D

Acq: 11 Oct 2024 18:11

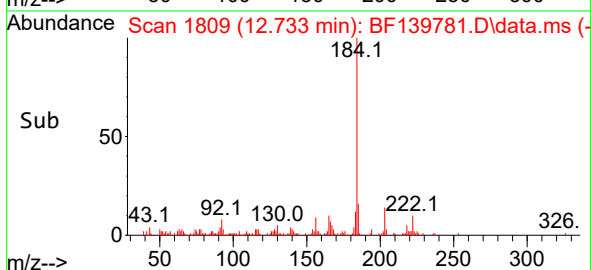
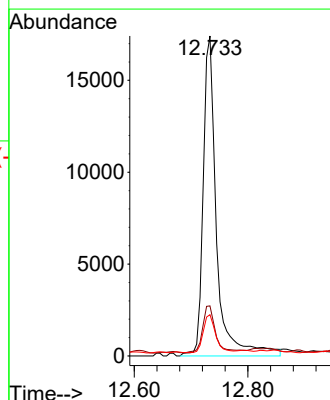
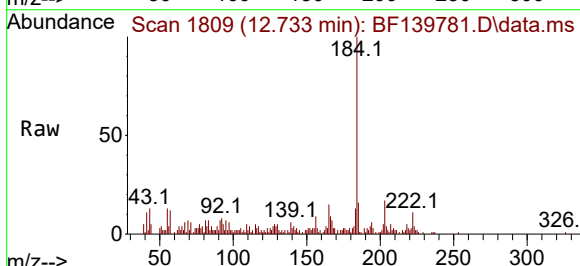
Tgt Ion:184 Resp: 28449

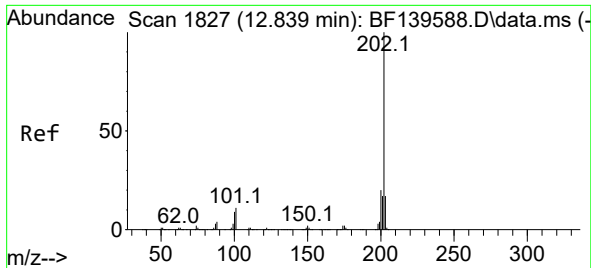
Ion Ratio Lower Upper

184 100

185 15.7 11.4 17.0

183 12.9 8.8 13.2

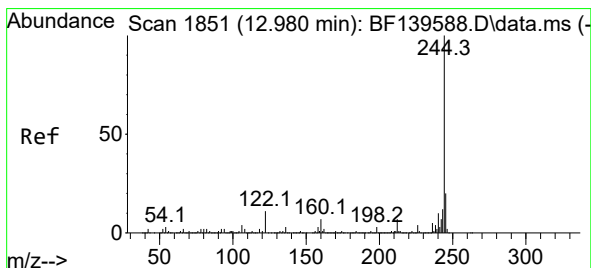
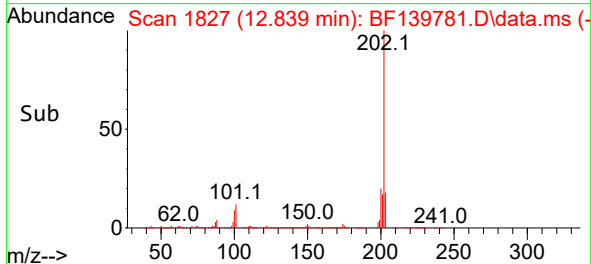
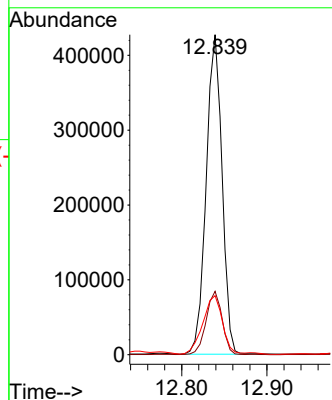
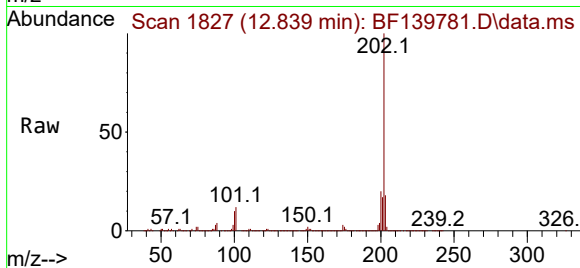




#78
Pyrene
Concen: 45.266 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

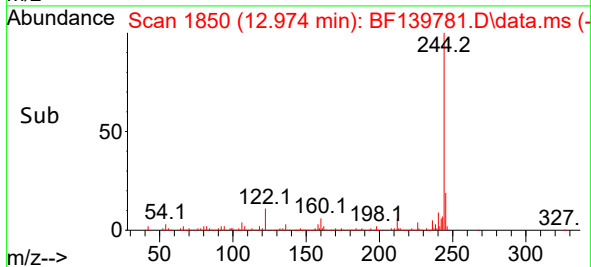
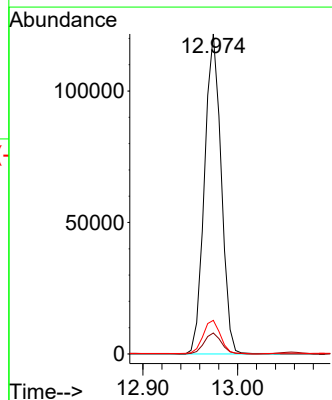
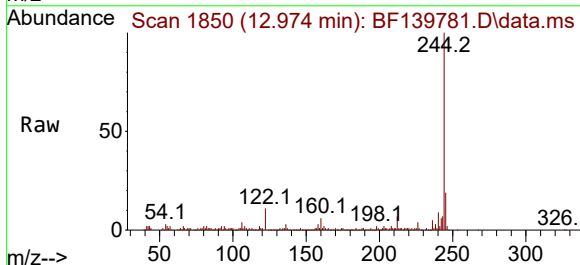
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

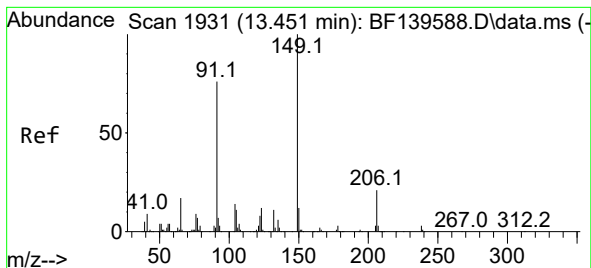
Tgt Ion:202 Resp: 553050
Ion Ratio Lower Upper
202 100
200 19.8 15.8 23.6
203 18.4 13.8 20.8



#79
Terphenyl-d14
Concen: 17.889 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Tgt Ion:244 Resp: 148934
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.6
122 10.5 8.6 12.8





#80

Butylbenzylphthalate

Concen: 12.529 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139781.D

Acq: 11 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MSD

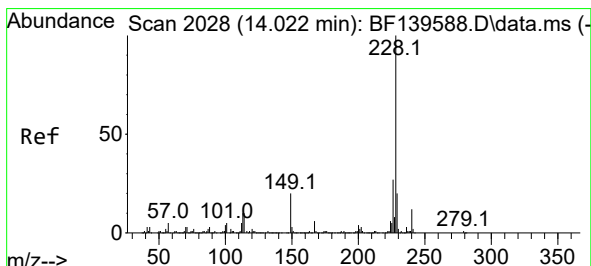
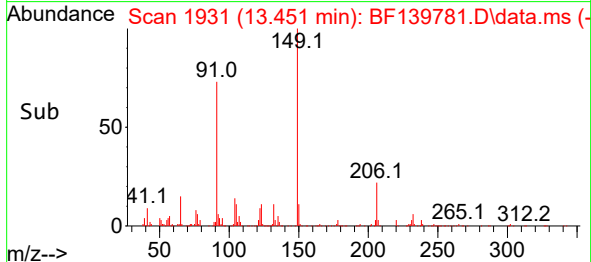
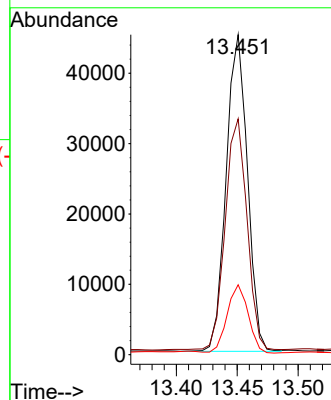
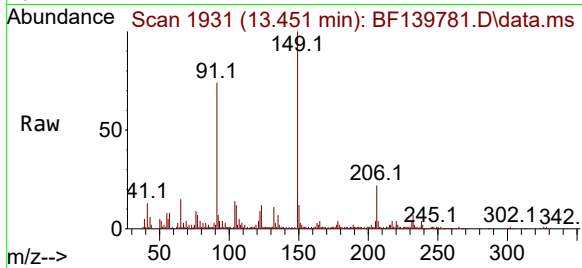
Tgt Ion:149 Resp: 54755

Ion Ratio Lower Upper

149 100

91 73.7 61.0 91.4

206 21.8 16.6 24.8



#81

Benzo(a)anthracene

Concen: 33.017 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF139781.D

Acq: 11 Oct 2024 18:11

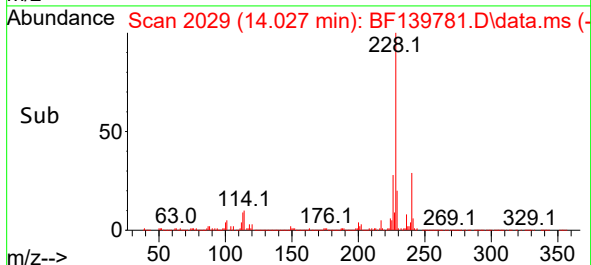
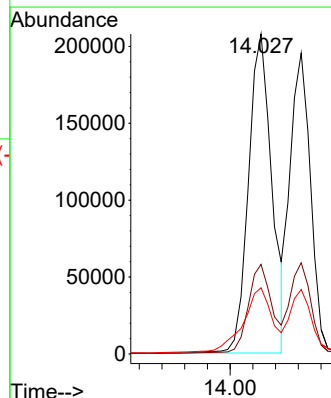
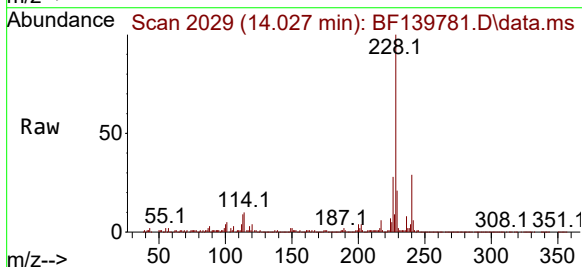
Tgt Ion:228 Resp: 296538

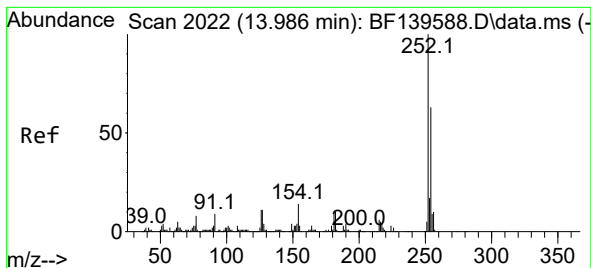
Ion Ratio Lower Upper

228 100

226 28.0 21.8 32.8

229 20.7 15.8 23.8

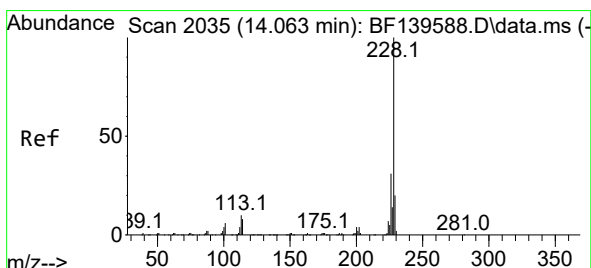
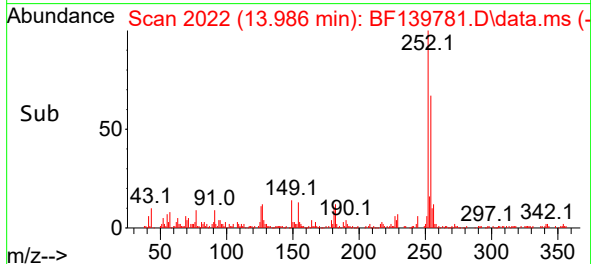
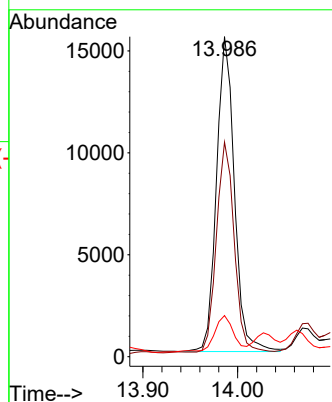
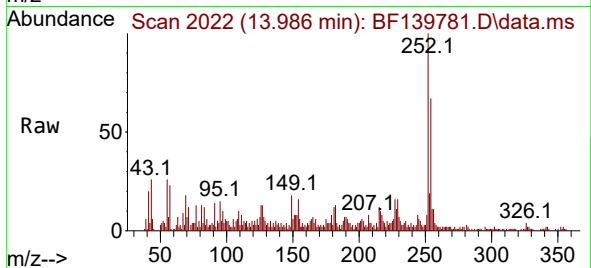




#82
3,3'-Dichlorobenzidine
Concen: 7.381 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

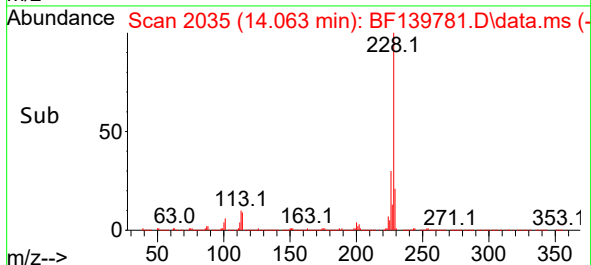
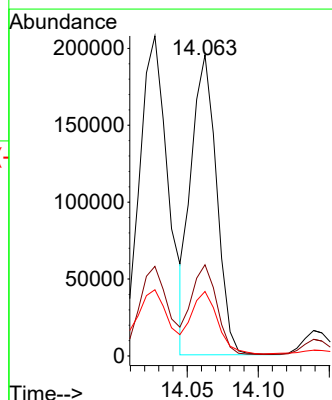
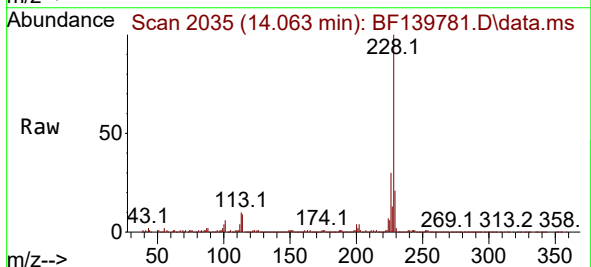
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

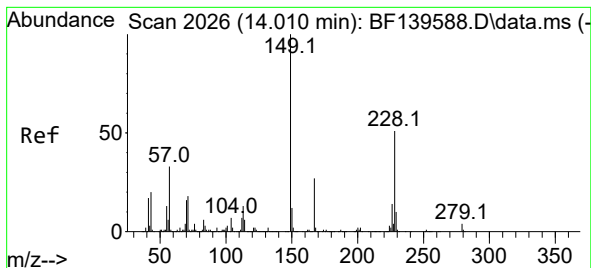
Tgt Ion:252 Resp: 20288
Ion Ratio Lower Upper
252 100
254 67.0 50.5 75.7
126 12.9 8.8 13.2



#83
Chrysene
Concen: 29.477 ng
RT: 14.063 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Tgt Ion:228 Resp: 242040
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 21.4 15.7 23.5

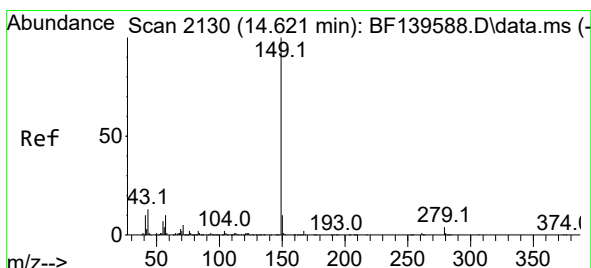
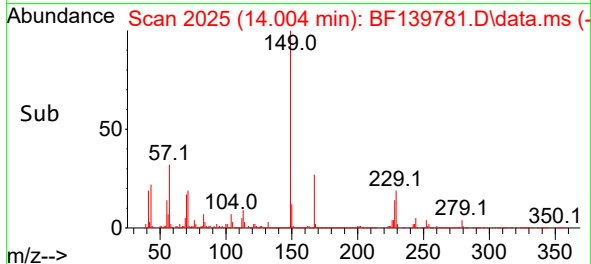
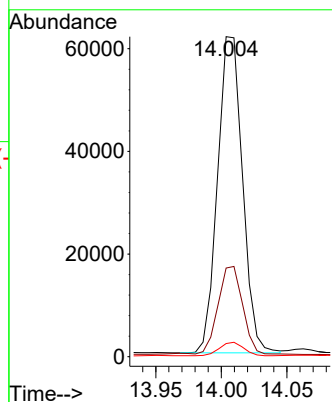
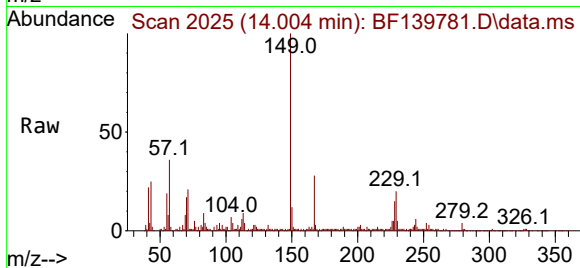




#84
Bis(2-ethylhexyl)phthalate
Concen: 14.939 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

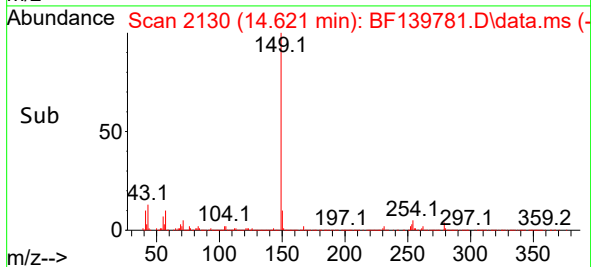
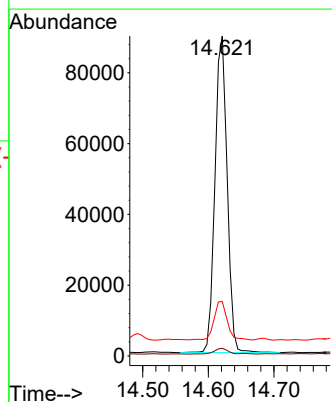
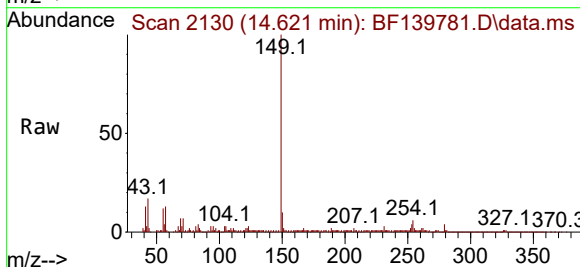
Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

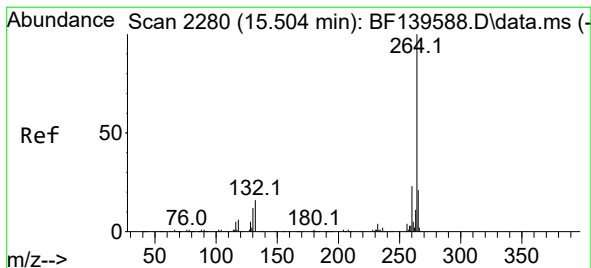
Tgt Ion:149 Resp: 81525
Ion Ratio Lower Upper
149 100
167 27.7 21.7 32.5
279 4.1 3.2 4.8



#85
Di-n-octyl phthalate
Concen: 14.390 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Tgt Ion:149 Resp: 115368
Ion Ratio Lower Upper
149 100
167 2.1 1.3 1.9#
43 13.5 10.2 15.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139781.D

Acq: 11 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MSD

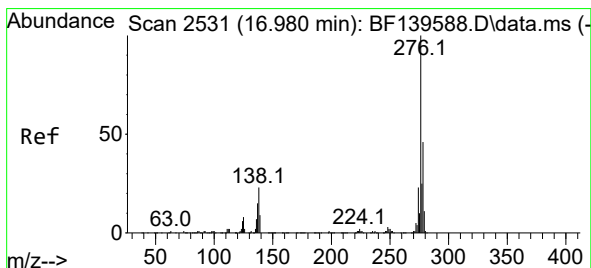
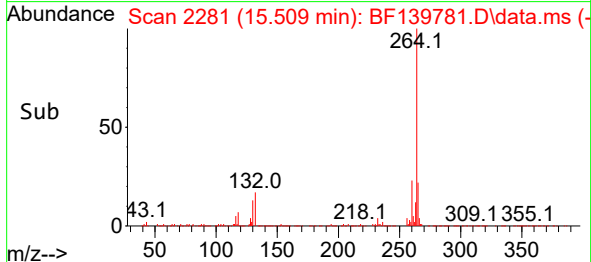
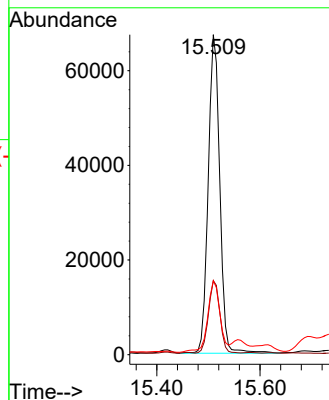
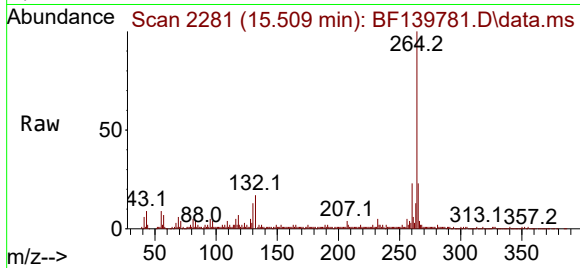
Tgt Ion:264 Resp: 104487

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 23.1 16.9 25.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 19.973 ng

RT: 16.992 min Scan# 2533

Delta R.T. 0.012 min

Lab File: BF139781.D

Acq: 11 Oct 2024 18:11

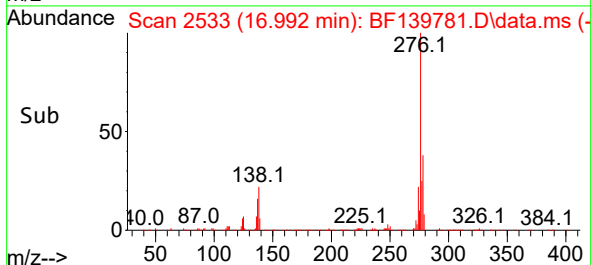
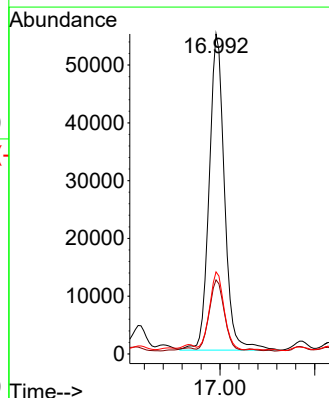
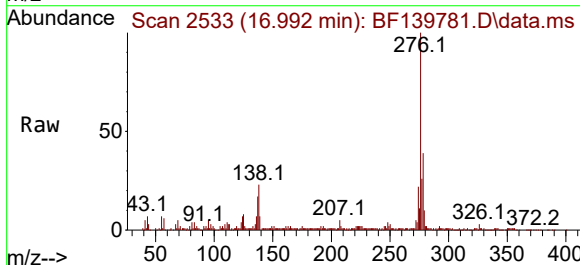
Tgt Ion:276 Resp: 122832

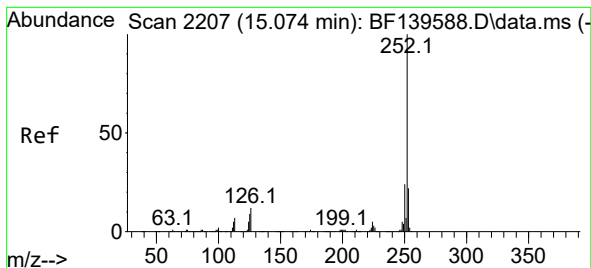
Ion Ratio Lower Upper

276 100

138 22.1 19.4 29.0

277 23.6 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 51.435 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF139781.D

Acq: 11 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MSD

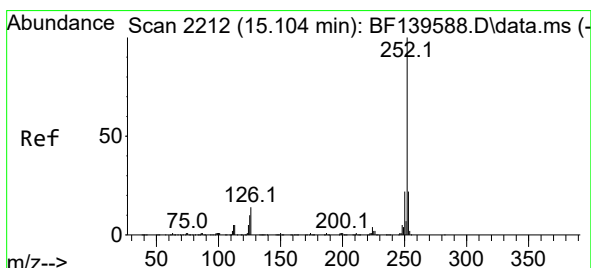
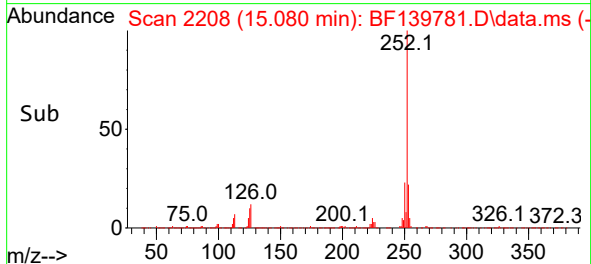
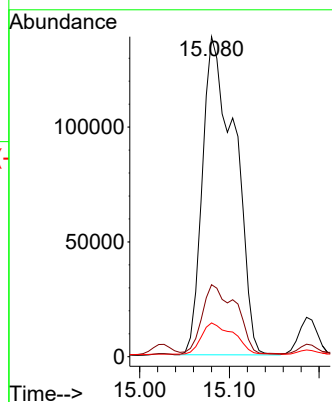
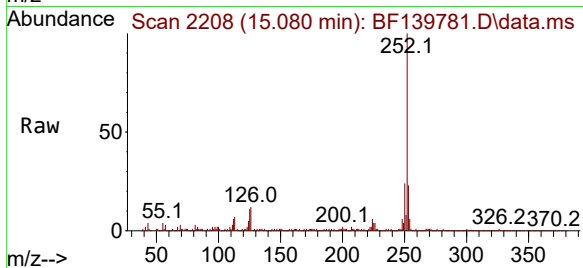
Tgt Ion:252 Resp: 347491

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 10.5 7.4 11.0



#89

Benzo(k)fluoranthene

Concen: 60.635 ng

RT: 15.080 min Scan# 2208

Delta R.T. -0.024 min

Lab File: BF139781.D

Acq: 11 Oct 2024 18:11

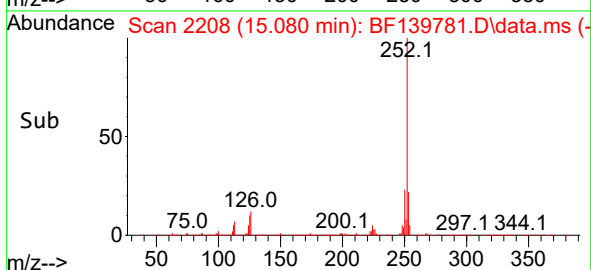
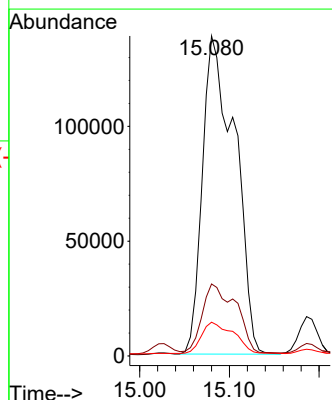
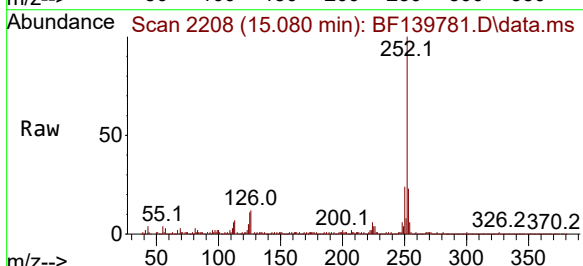
Tgt Ion:252 Resp: 347491

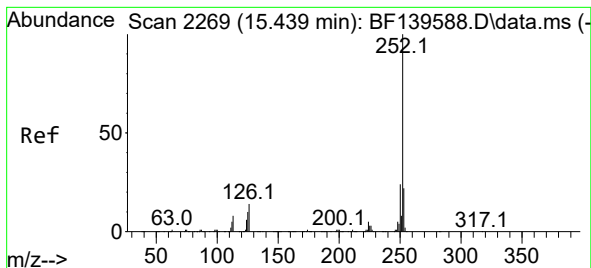
Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 10.5 7.6 11.4





#90

Benzo(a)pyrene

Concen: 31.696 ng

RT: 15.451 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139781.D

Acq: 11 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

HD-01-100924MSD

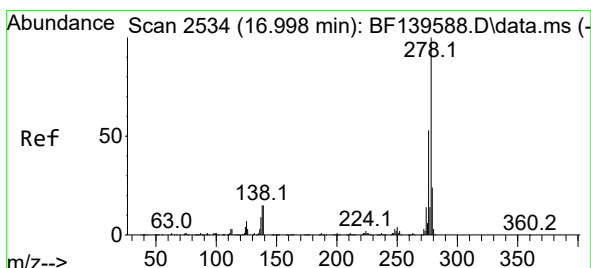
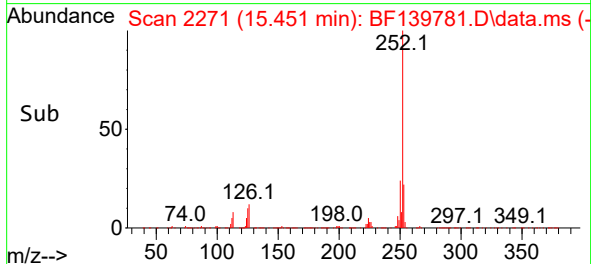
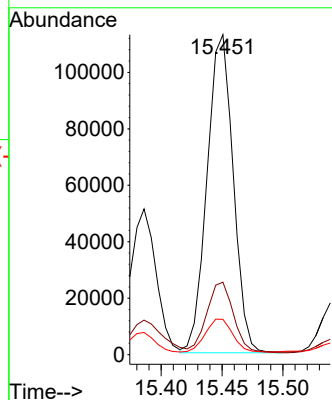
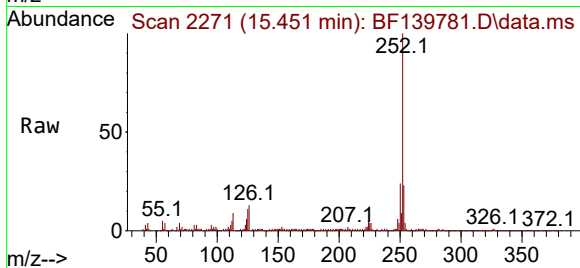
Tgt Ion:252 Resp: 168847

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

125 11.1 8.3 12.5



#91

Dibenzo(a,h)anthracene

Concen: 12.030 ng

RT: 17.003 min Scan# 2535

Delta R.T. 0.006 min

Lab File: BF139781.D

Acq: 11 Oct 2024 18:11

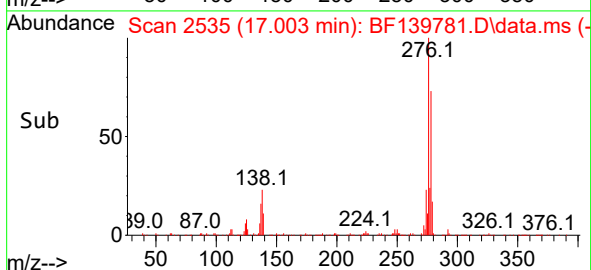
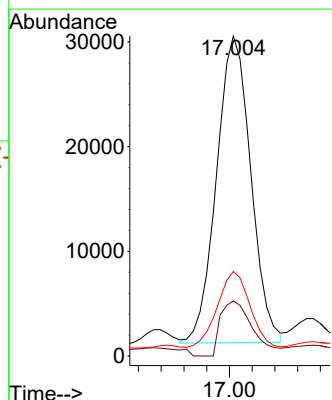
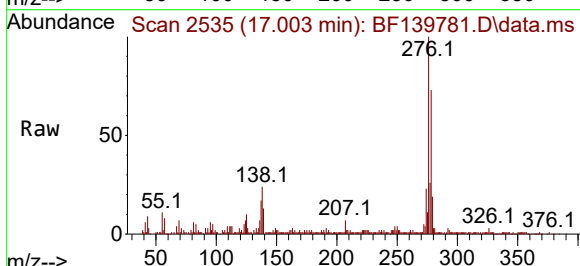
Tgt Ion:278 Resp: 61364

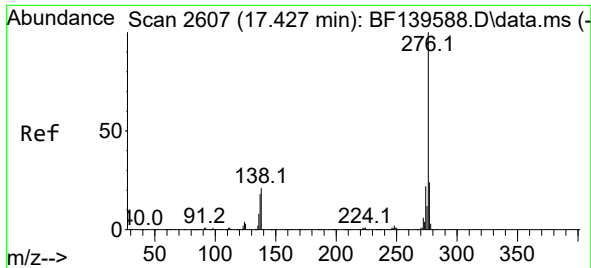
Ion Ratio Lower Upper

278 100

139 17.2 12.2 18.4

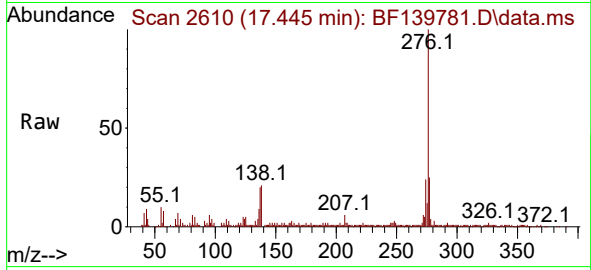
279 26.4 19.2 28.8





#92
Benzo(g,h,i)perylene
Concen: 19.356 ng
RT: 17.445 min Scan# 20
Delta R.T. 0.017 min
Lab File: BF139781.D
Acq: 11 Oct 2024 18:11

Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD



Tgt Ion:	276	Resp:	99018
Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.0	28.6
138	21.3	17.0	25.6

