

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139457.D
 Acq On : 19 Sep 2024 11:32
 Operator : RC/JU
 Sample : PB163486BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163486BS

Quant Time: Sep 19 12:03:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	78402	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	297915	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	160194	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	284319	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	146056	20.000	ng	0.00
86) Perylene-d12	15.504	264	142593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	613145	127.580	ng	0.02
7) Phenol-d6	6.516	99	813821	129.011	ng	0.01
23) Nitrobenzene-d5	7.445	82	545682	86.109	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	215406	126.304	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1003616	87.868	ng	0.00
79) Terphenyl-d14	12.980	244	903112	101.493	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	70892	36.767	ng	98
3) Pyridine	3.522	79	183320	43.122	ng	97
4) n-Nitrosodimethylamine	3.481	42	150366	40.808	ng	91
6) Aniline	6.539	93	242693	50.980	ng	# 70
8) 2-Chlorophenol	6.663	128	221886	44.851	ng	99
9) Benzaldehyde	6.428	77	54814	15.040	ng	98
10) Phenol	6.528	94	291662	45.396	ng	92
11) bis(2-Chloroethyl)ether	6.616	93	210849	43.179	ng	99
12) 1,3-Dichlorobenzene	6.822	146	234824	41.737	ng	99
13) 1,4-Dichlorobenzene	6.898	146	241877	42.542	ng	98
14) 1,2-Dichlorobenzene	7.045	146	230852	42.970	ng	98
15) Benzyl Alcohol	7.022	79	221762	44.064	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	385745	51.258	ng	97
17) 2-Methylphenol	7.134	107	179820	45.749	ng	99
18) Hexachloroethane	7.392	117	91451	42.230	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	173318	46.365	ng	100
20) 3+4-Methylphenols	7.286	107	232549	43.366	ng	92
22) Acetophenone	7.286	105	319294	40.996	ng	97
24) Nitrobenzene	7.463	77	264237	40.514	ng	99
25) Isophorone	7.698	82	452061	45.106	ng	99
26) 2-Nitrophenol	7.781	139	118039	46.453	ng	93
27) 2,4-Dimethylphenol	7.816	122	181221	54.066	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	261082	45.709	ng	98
29) 2,4-Dichlorophenol	8.022	162	185721	43.616	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	199323	40.175	ng	99
31) Naphthalene	8.186	128	657995	42.307	ng	100
32) Benzoic acid	7.933	122	119232	38.011	ng	93
33) 4-Chloroaniline	8.233	127	155278	32.635	ng	98
34) Hexachlorobutadiene	8.298	225	134246	39.827	ng	100
35) Caprolactam	8.604	113	40244	30.724	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	209161	42.981	ng	96
37) 2-Methylnaphthalene	8.875	142	428660	43.422	ng	99
38) 1-Methylnaphthalene	8.975	142	397025	40.965	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	205379	43.259	ng	99
41) Hexachlorocyclopentadiene	9.028	237	250266	150.974	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	142550	46.151	ng	99

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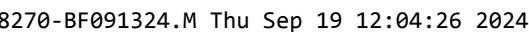
Instrument :
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	141249	43.352	ng	99
46) 1,1'-Biphenyl	9.339	154	529399	42.956	ng	99
47) 2-Chloronaphthalene	9.363	162	396201	42.996	ng	99
48) 2-Nitroaniline	9.457	65	151897	44.319	ng	99
49) Acenaphthylene	9.780	152	654538	47.188	ng	100
50) Dimethylphthalate	9.639	163	470941	44.791	ng	99
51) 2,6-Dinitrotoluene	9.698	165	101722	43.672	ng	99
52) Acenaphthene	9.951	154	472499	48.807	ng	100
53) 3-Nitroaniline	9.869	138	77788	33.417	ng	93
54) 2,4-Dinitrophenol	9.975	184	115246	88.795	ng	93
55) Dibenzofuran	10.122	168	592920	43.942	ng	97
56) 4-Nitrophenol	10.033	139	153631	79.761	ng	88
57) 2,4-Dinitrotoluene	10.104	165	138910	44.174	ng	100
58) Fluorene	10.463	166	470401	42.727	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	121328	45.016	ng	97
60) Diethylphthalate	10.339	149	480139	44.251	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	227262	42.475	ng	96
62) 4-Nitroaniline	10.486	138	99458	39.149	ng	93
63) Azobenzene	10.616	77	473043	44.326	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	74758	49.819	ng	95
66) n-Nitrosodiphenylamine	10.574	169	394728	47.486	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	130959	46.480	ng	99
68) Hexachlorobenzene	11.010	284	147118	44.490	ng	98
69) Atrazine	11.098	200	127657	64.508	ng	98
70) Pentachlorophenol	11.204	266	167263	84.299	ng	99
71) Phenanthrene	11.427	178	632968	46.144	ng	99
72) Anthracene	11.474	178	638066	47.576	ng	100
73) Carbazole	11.633	167	565635	44.066	ng	99
74) Di-n-butylphthalate	11.957	149	679016	47.486	ng	100
75) Fluoranthene	12.610	202	628296	42.891	ng	99
77) Benzidine	12.733	184	148478	70.955	ng	99
78) Pyrene	12.839	202	631648	50.367	ng	99
80) Butylbenzylphthalate	13.457	149	217862	51.038	ng	97
81) Benzo(a)anthracene	14.027	228	458067	47.347	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	114025	40.245	ng	99
83) Chrysene	14.062	228	417292	46.883	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	268150	49.380	ng	99
85) Di-n-octyl phthalate	14.627	149	409565	51.213	ng	98
87) Indeno(1,2,3-cd)pyrene	16.986	276	417402	49.228	ng	98
88) Benzo(b)fluoranthene	15.074	252	415935	47.296	ng	99
89) Benzo(k)fluoranthene	15.104	252	361589	44.594	ng	99
90) Benzo(a)pyrene	15.445	252	369436	50.653	ng	99
91) Dibenzo(a,h)anthracene	17.003	278	342890	48.940	ng	99
92) Benzo(g,h,i)perylene	17.433	276	314087	45.275	ng	97

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

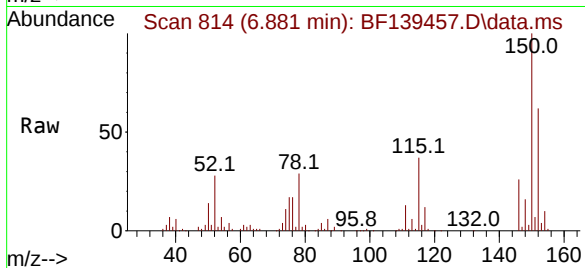
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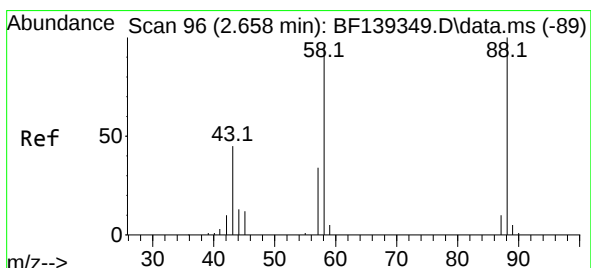
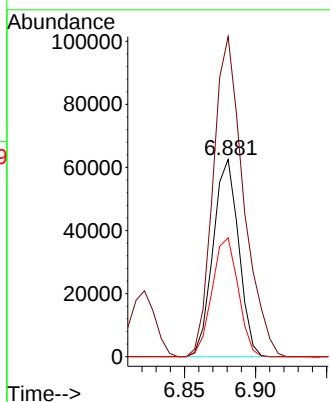
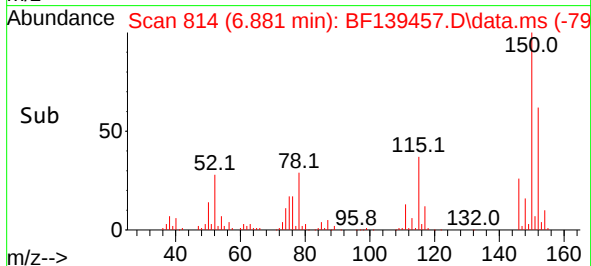


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139457.D
 Acq: 19 Sep 2024 11:32

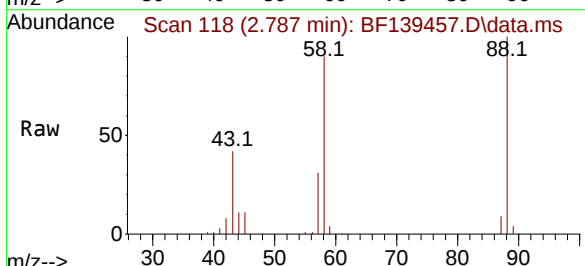
Instrument :
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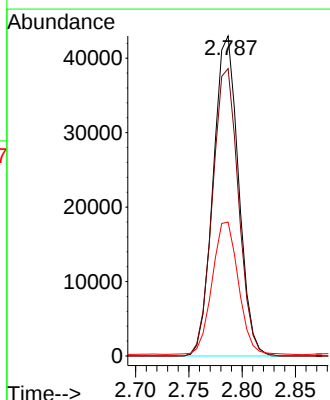
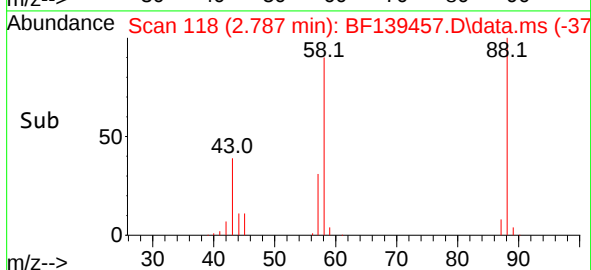
Tgt Ion:152 Resp: 78402
 Ion Ratio Lower Upper
 152 100
 150 162.2 124.1 186.1
 115 60.3 48.1 72.1

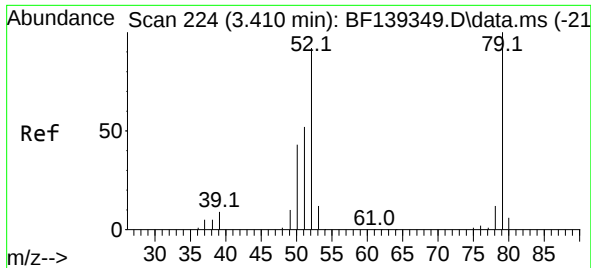


#2
 1,4-Dioxane
 Concen: 36.767 ng
 RT: 2.787 min Scan# 118
 Delta R.T. 0.129 min
 Lab File: BF139457.D
 Acq: 19 Sep 2024 11:32



Tgt Ion: 88 Resp: 70892
 Ion Ratio Lower Upper
 88 100
 58 92.2 74.8 112.2
 43 43.2 36.4 54.6





#3

Pyridine

Concen: 43.122 ng

RT: 3.522 min Scan# 24

Delta R.T. 0.112 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

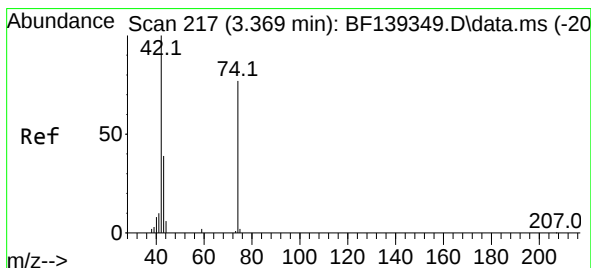
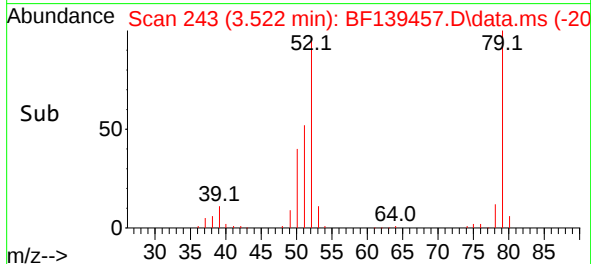
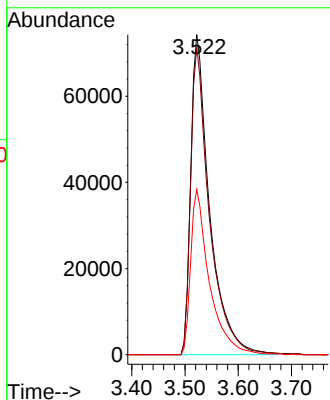
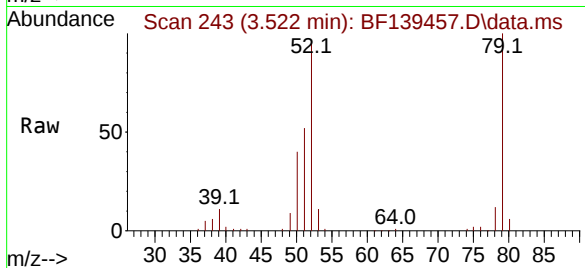
Tgt Ion: 79 Resp: 183320

Ion Ratio Lower Upper

79 100

52 96.1 73.8 110.8

51 51.6 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 40.808 ng

RT: 3.481 min Scan# 236

Delta R.T. 0.112 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

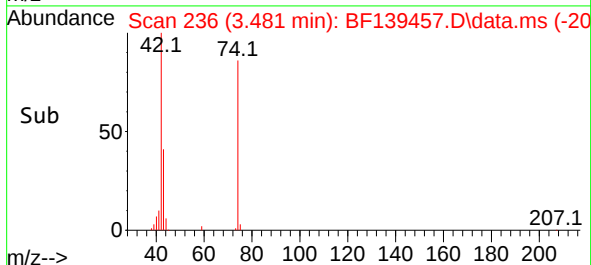
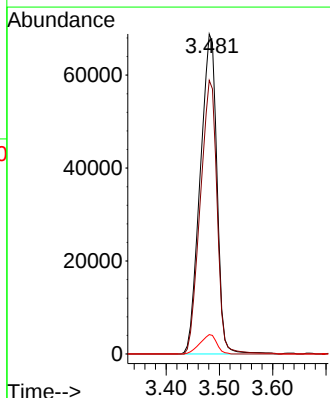
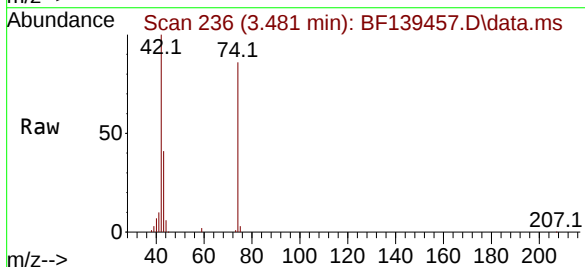
Tgt Ion: 42 Resp: 150366

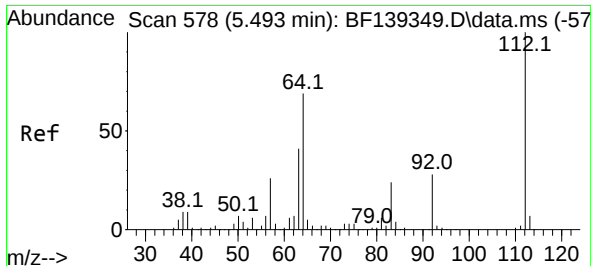
Ion Ratio Lower Upper

42 100

74 85.5 61.8 92.8

44 6.0 4.8 7.2

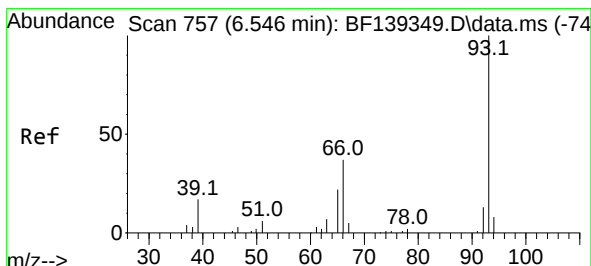
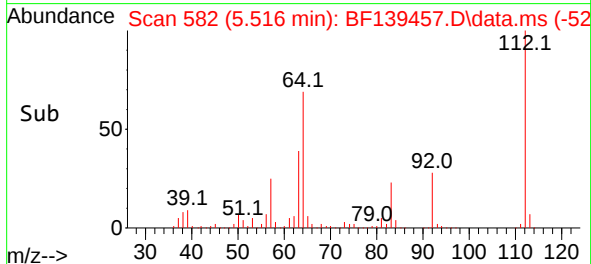
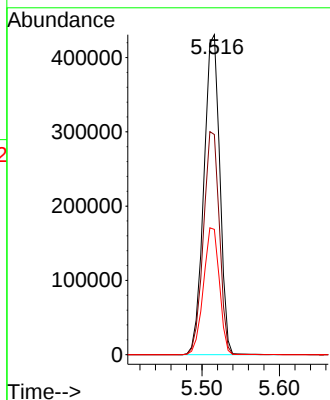
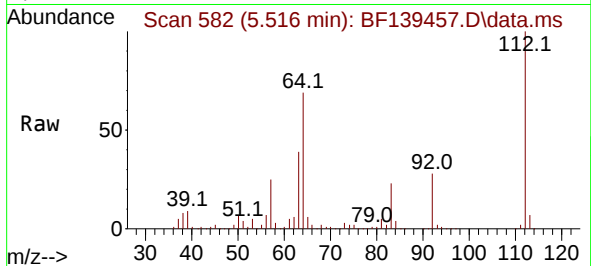




#5
2-Fluorophenol
Concen: 127.580 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

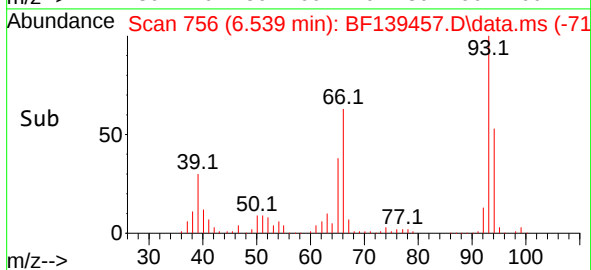
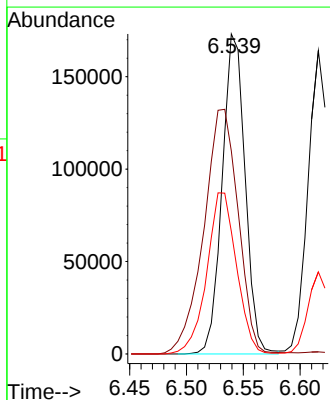
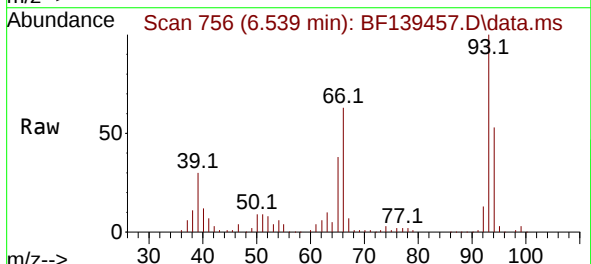
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 613145
Ion Ratio Lower Upper
112 100
64 68.8 54.8 82.2
63 39.1 33.0 49.4



#6
Aniline
Concen: 50.980 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.030 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion: 93 Resp: 242693
Ion Ratio Lower Upper
93 100
66 63.4 35.4 53.0#
65 38.3 18.2 27.4#

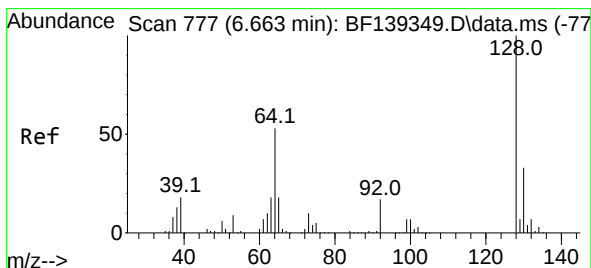
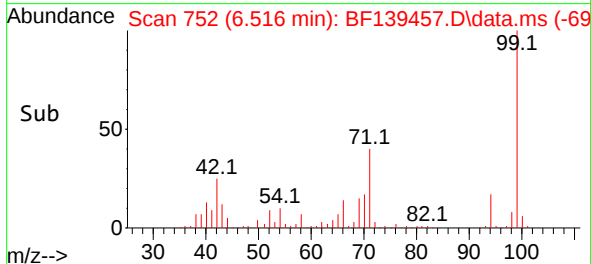
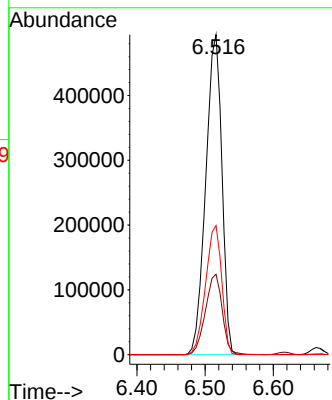
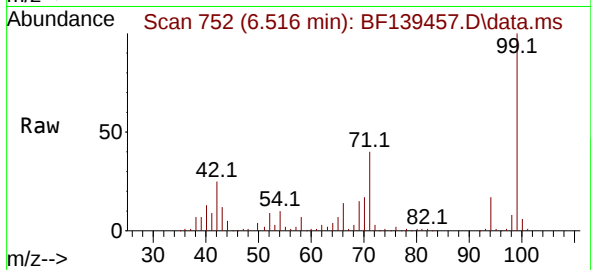




#7
Phenol-d6
Concen: 129.011 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

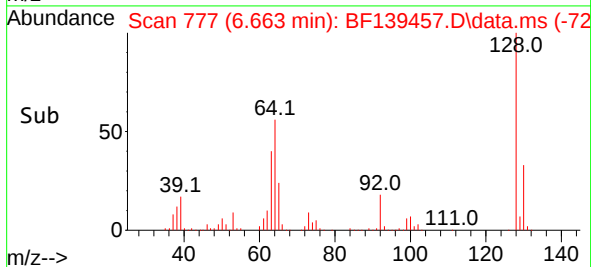
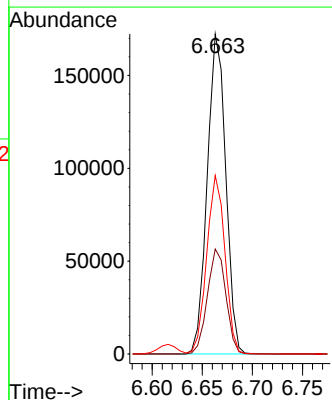
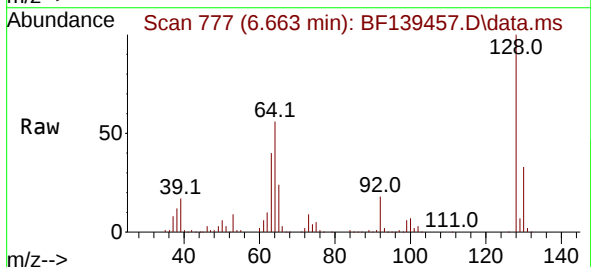
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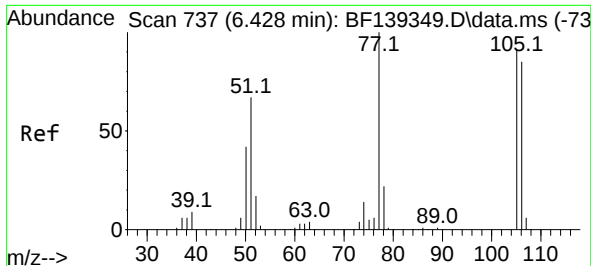
Tgt Ion: 99 Resp: 813821
Ion Ratio Lower Upper
99 100
42 25.2 21.9 32.9
71 40.3 34.6 52.0



#8
2-Chlorophenol
Concen: 44.851 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:128 Resp: 221886
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 55.8 35.1 75.1





#9

Benzaldehyde

Concen: 15.040 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

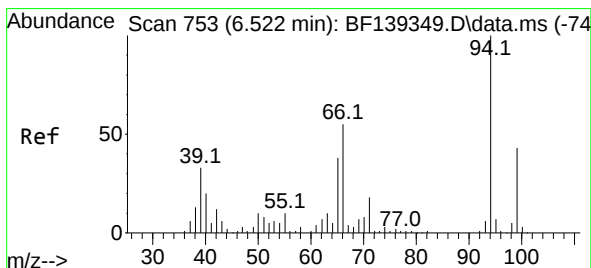
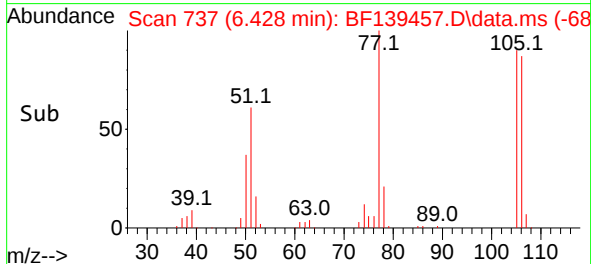
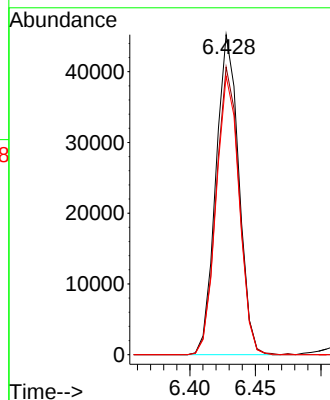
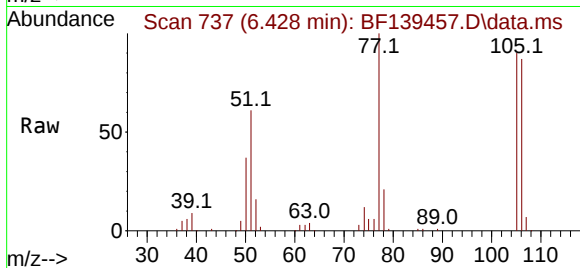
Tgt Ion: 77 Resp: 54814

Ion Ratio Lower Upper

77 100

105 89.9 71.0 111.0

106 87.0 64.9 104.9



#10

Phenol

Concen: 45.396 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

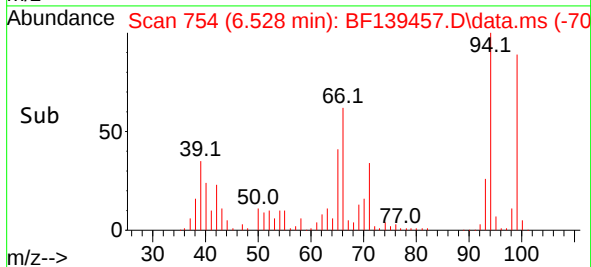
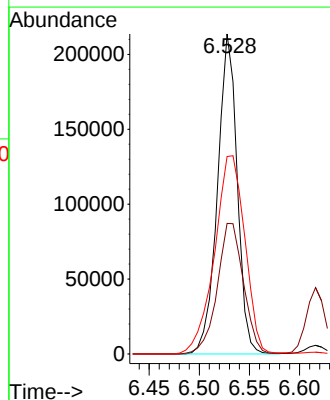
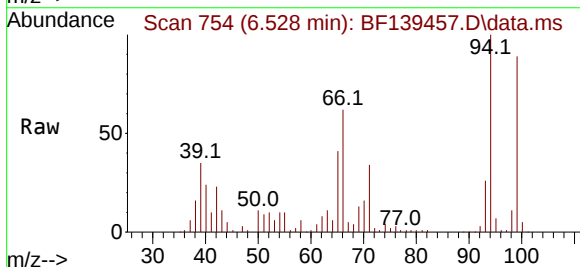
Tgt Ion: 94 Resp: 291662

Ion Ratio Lower Upper

94 100

65 40.8 17.6 57.6

66 61.7 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 43.179 ng

RT: 6.616 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

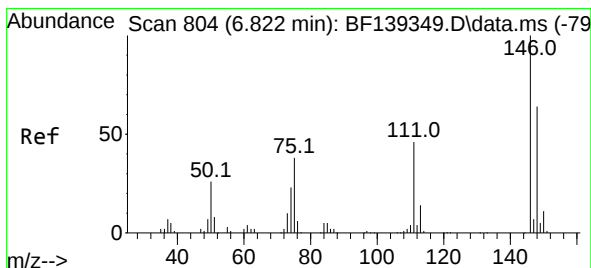
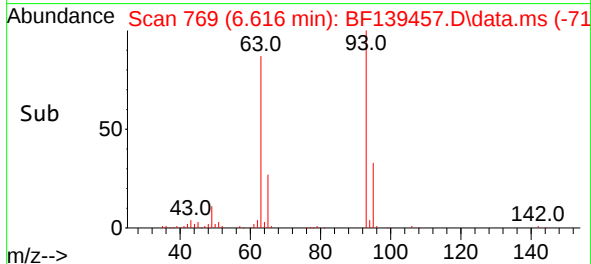
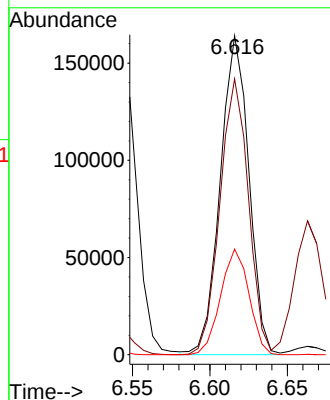
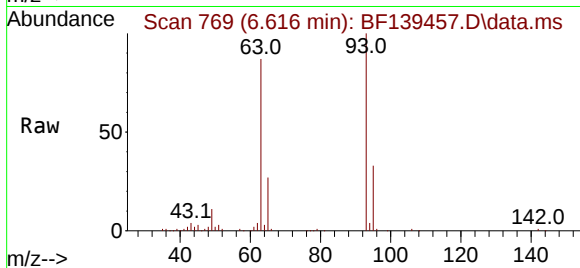
Tgt Ion: 93 Resp: 210849

Ion Ratio Lower Upper

93 100

63 86.5 65.3 105.3

95 33.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 41.737 ng

RT: 6.822 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

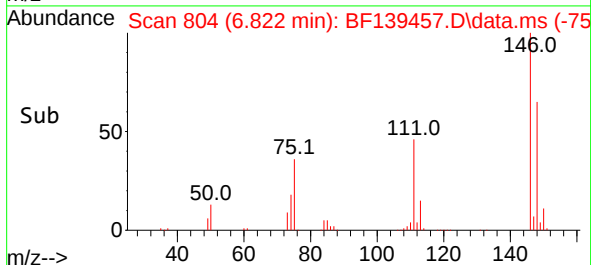
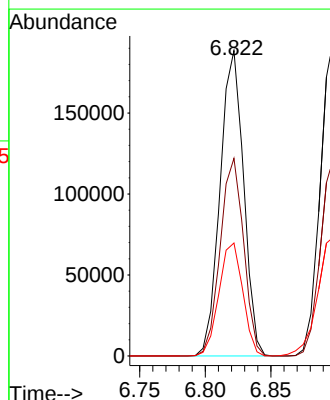
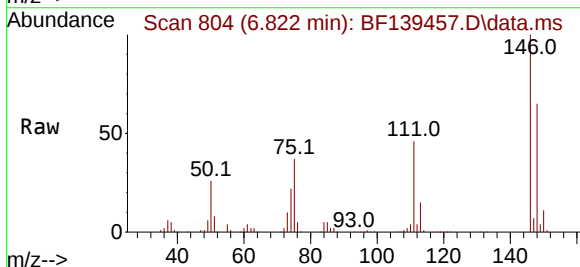
Tgt Ion: 146 Resp: 234824

Ion Ratio Lower Upper

146 100

148 64.7 51.2 76.8

75 37.0 30.6 46.0

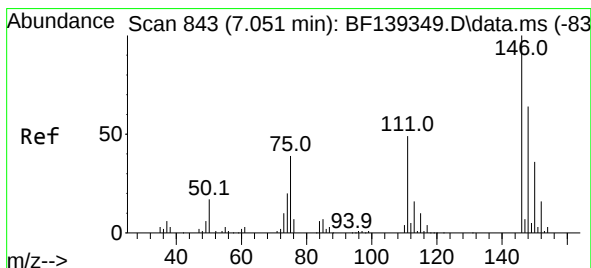
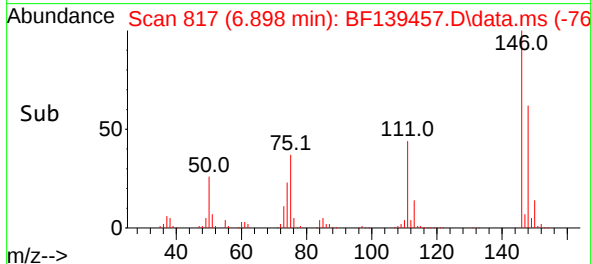
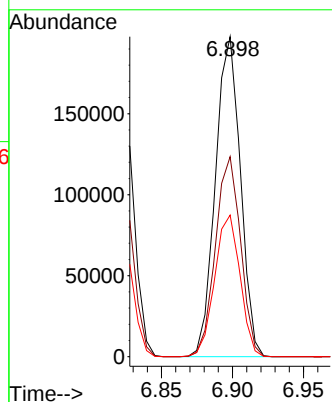
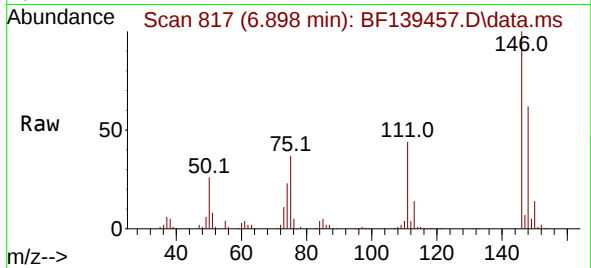




#13
1,4-Dichlorobenzene
Concen: 42.542 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

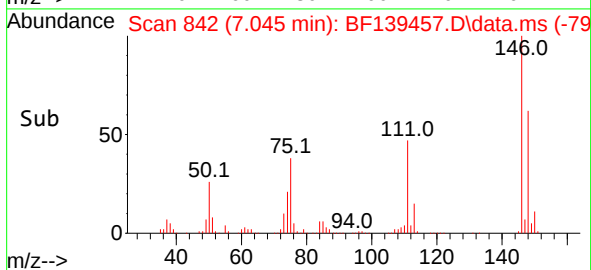
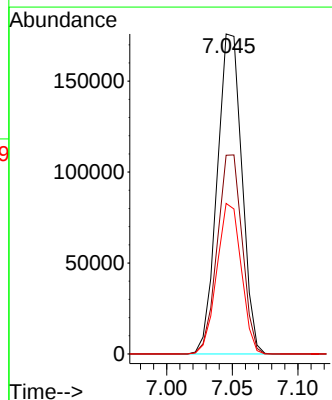
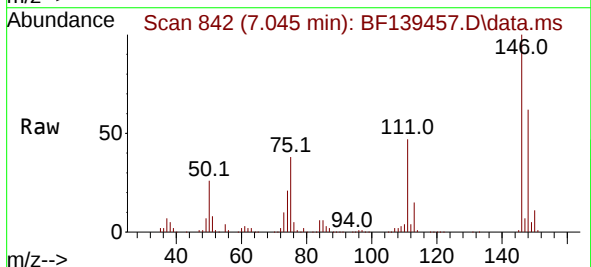
Instrument :
BNA_F
ClientSampleId :
PB163486BS

Tgt Ion:146 Resp: 241877
Ion Ratio Lower Upper
146 100
148 62.5 50.9 76.3
111 44.2 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 42.970 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:146 Resp: 230852
Ion Ratio Lower Upper
146 100
148 62.1 50.9 76.3
111 47.0 38.9 58.3

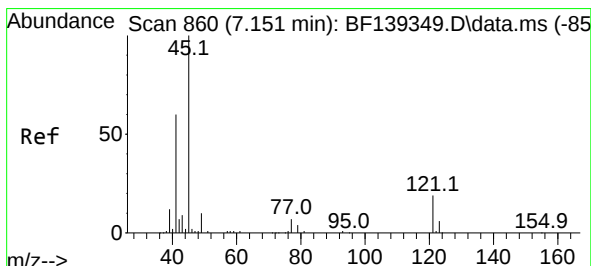
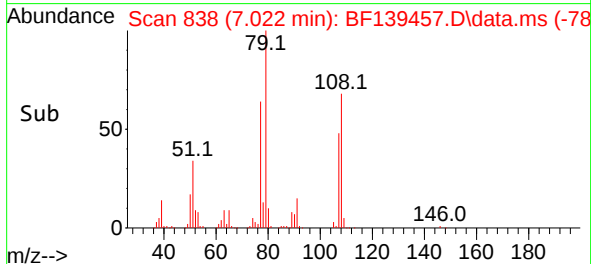
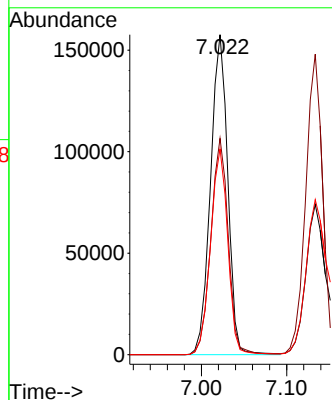
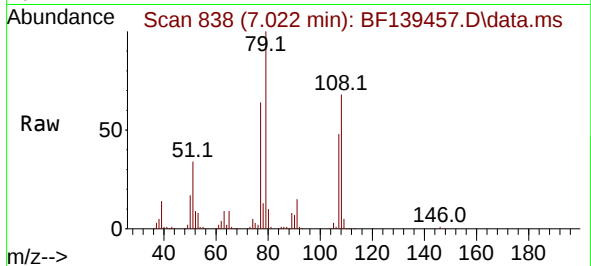




#15
Benzyl Alcohol
Concen: 44.064 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

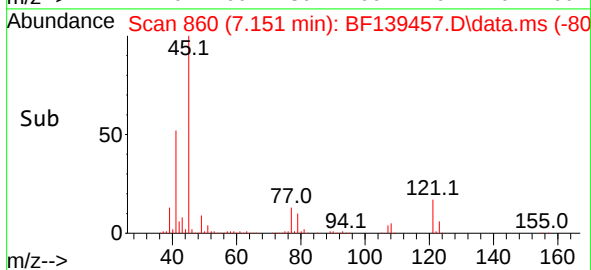
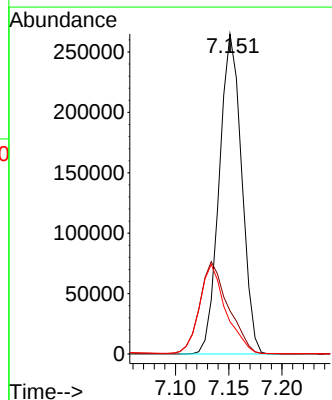
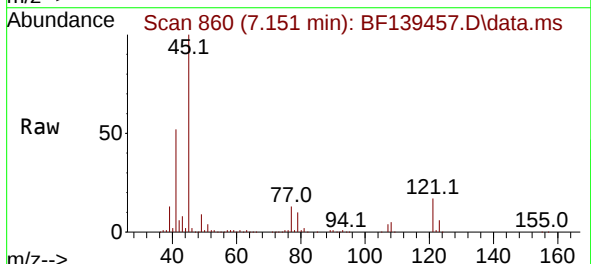
Instrument :
BNA_F
ClientSampleId :
PB163486BS

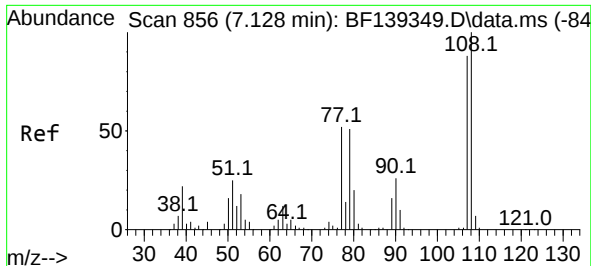
Tgt Ion: 79 Resp: 221762
Ion Ratio Lower Upper
79 100
108 67.6 50.4 75.6
77 64.3 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.258 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion: 45 Resp: 385745
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.0
79 10.1 0.0 29.1

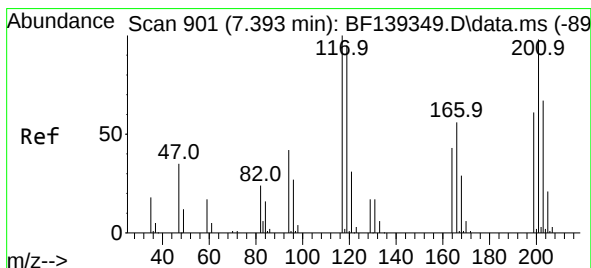
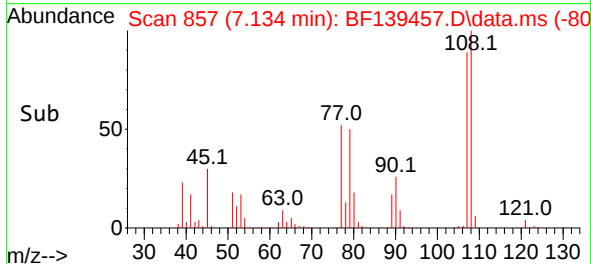
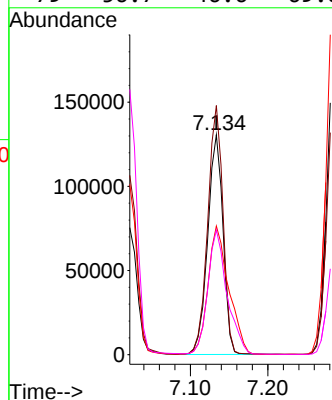
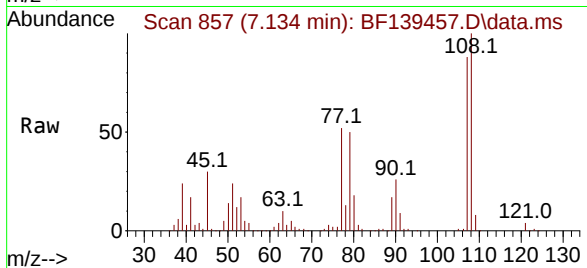




#17
2-Methylphenol
Concen: 45.749 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

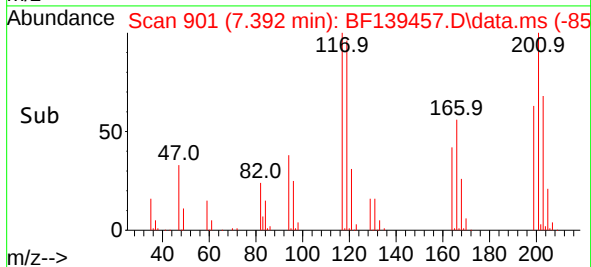
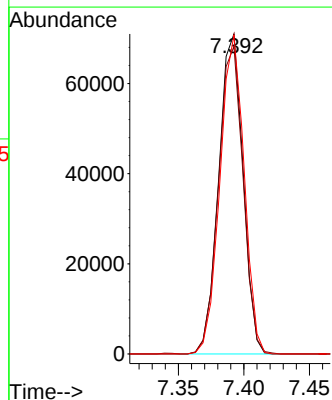
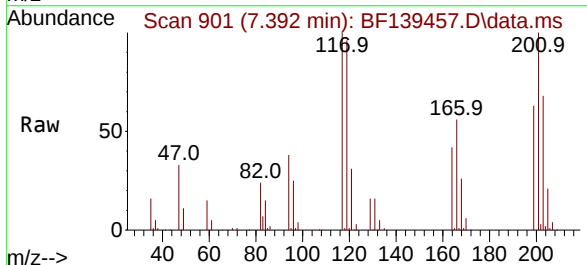
Instrument :
BNA_F
ClientSampleId :
PB163486BS

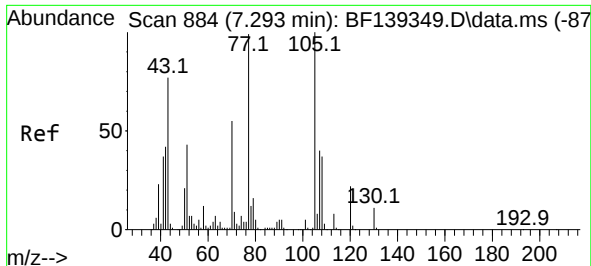
Tgt Ion:107 Resp: 179820
Ion Ratio Lower Upper
107 100
108 113.3 90.5 135.7
77 58.5 47.1 70.7
79 56.7 46.6 69.8



#18
Hexachloroethane
Concen: 42.230 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:117 Resp: 91451
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.8
201 99.6 78.6 118.0



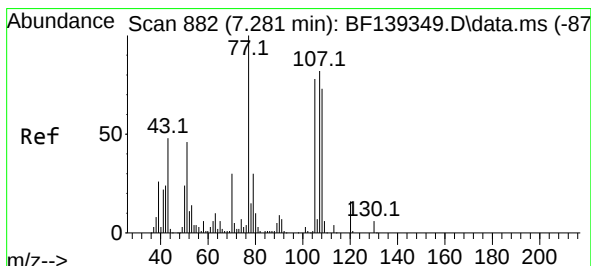
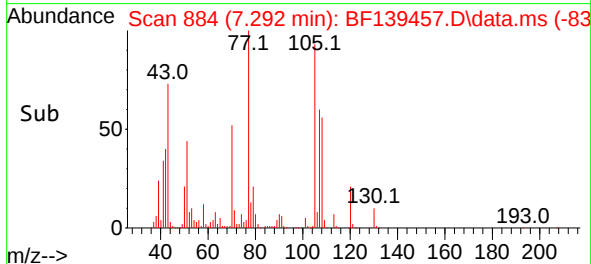
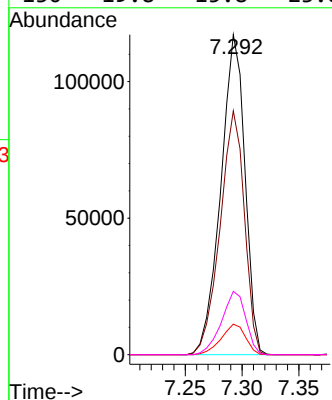
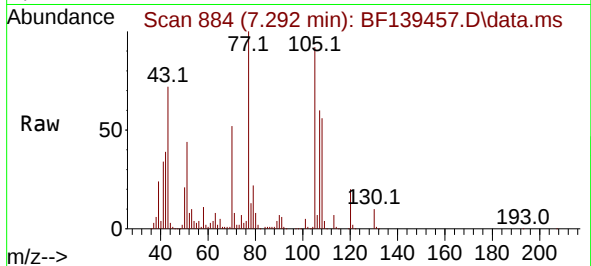


#19
n-Nitroso-di-n-propylamine
Concen: 46.365 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :
BNA_F
ClientSampleId :
PB163486BS

Tgt Ion: 70 Resp: 173318

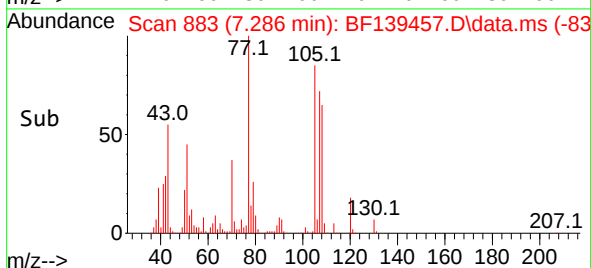
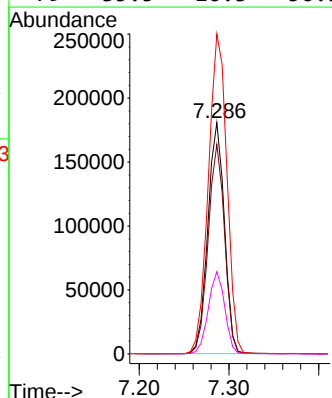
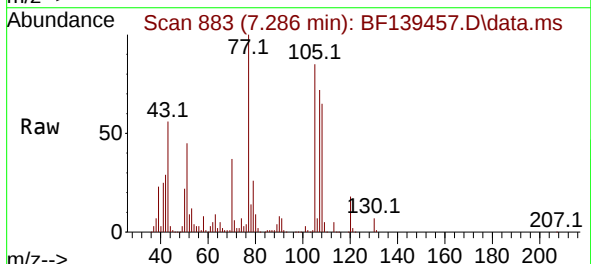
Ion	Ratio	Lower	Upper
70	100		
42	76.2	61.2	91.8
101	9.6	7.5	11.3
130	19.8	15.8	23.8

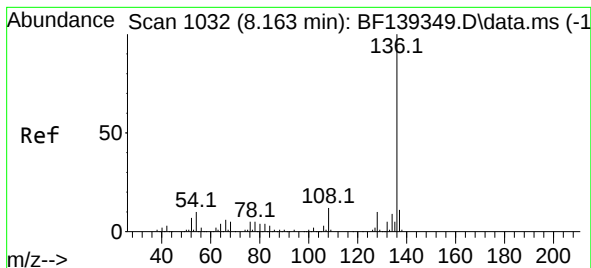


#20
3+4-Methylphenols
Concen: 43.366 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion: 107 Resp: 232549

Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.6	108.6
77	138.3	101.6	141.6
79	35.5	16.3	56.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139457.D

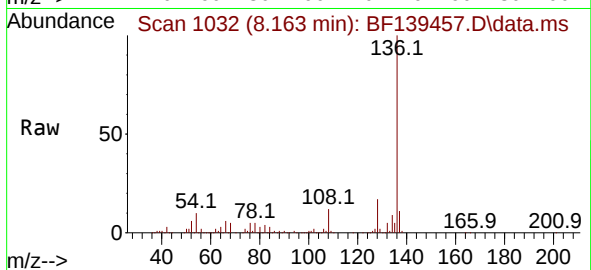
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS



Tgt Ion:136 Resp: 297915

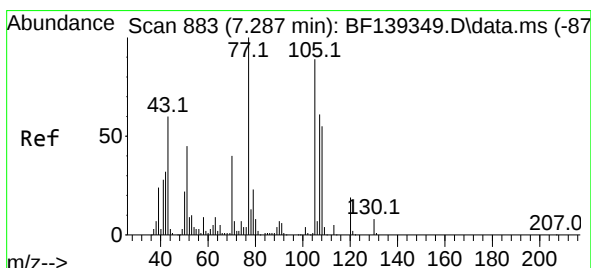
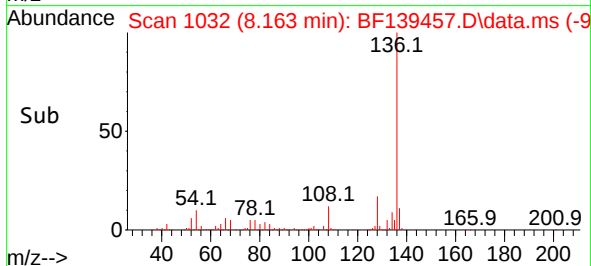
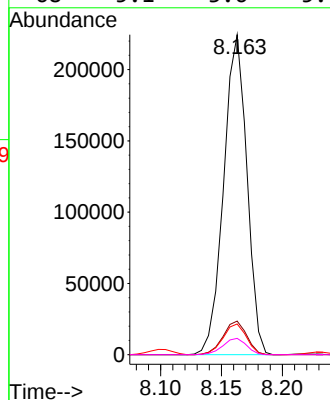
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 9.6 7.8 11.8

68 5.1 3.6 5.4



#22

Acetophenone

Concen: 40.996 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Tgt Ion:105 Resp: 319294

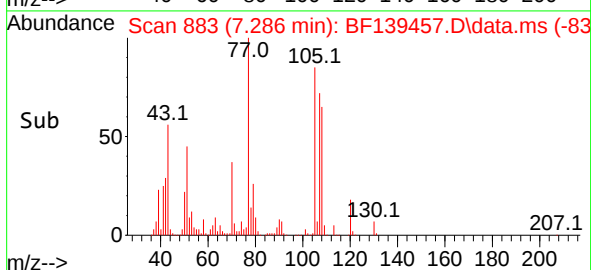
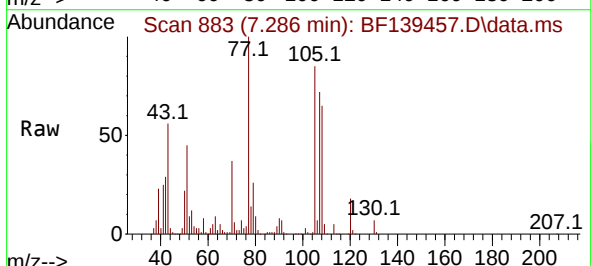
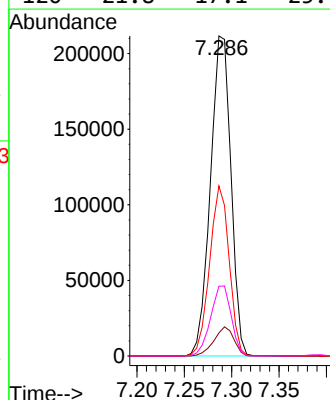
Ion Ratio Lower Upper

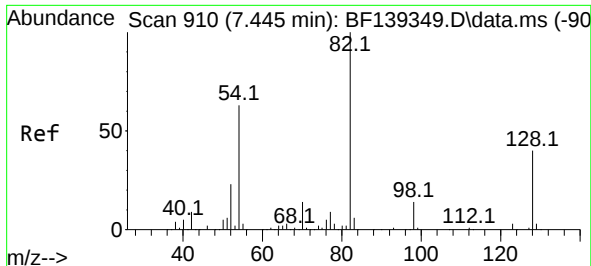
105 100

71 7.2 5.9 8.9

51 53.2 40.0 60.0

120 21.8 17.1 25.7





#23

Nitrobenzene-d5

Concen: 86.109 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

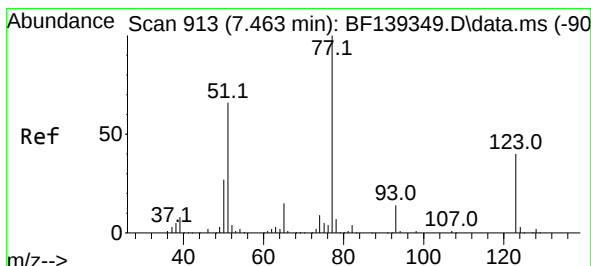
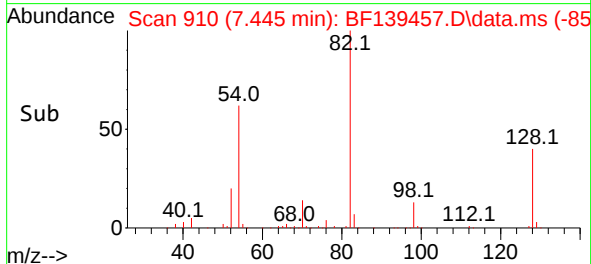
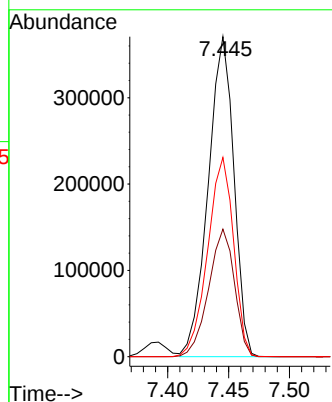
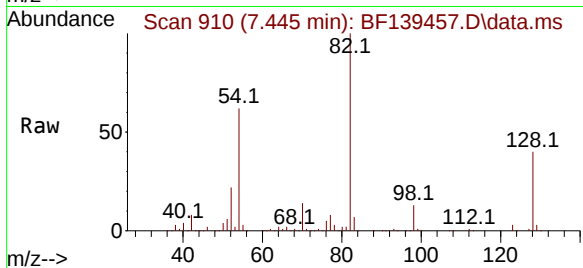
Tgt Ion: 82 Resp: 545682

Ion Ratio Lower Upper

82 100

128 39.8 31.8 47.6

54 62.3 50.6 75.8



#24

Nitrobenzene

Concen: 40.514 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

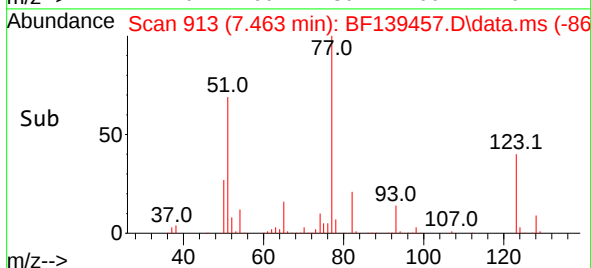
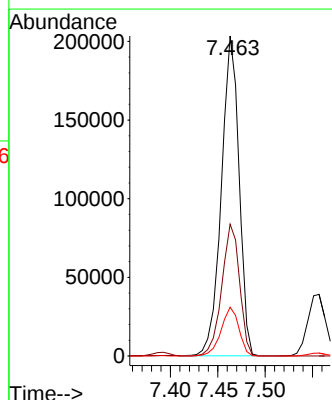
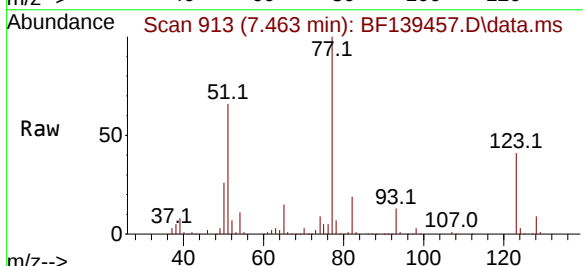
Tgt Ion: 77 Resp: 264237

Ion Ratio Lower Upper

77 100

123 41.2 32.2 48.4

65 15.2 12.2 18.4

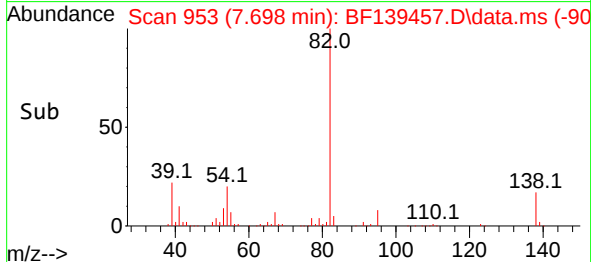
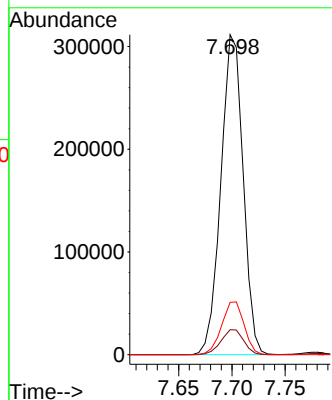
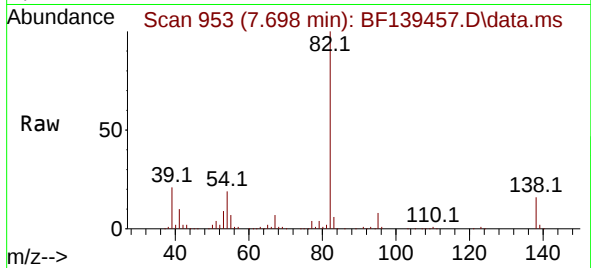




#25
Isophorone
Concen: 45.106 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

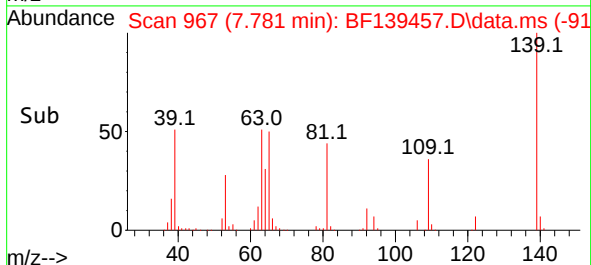
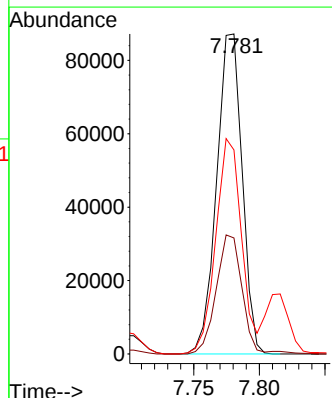
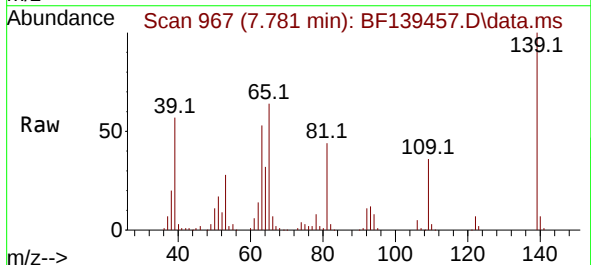
Instrument :
BNA_F
ClientSampleId :
PB163486BS

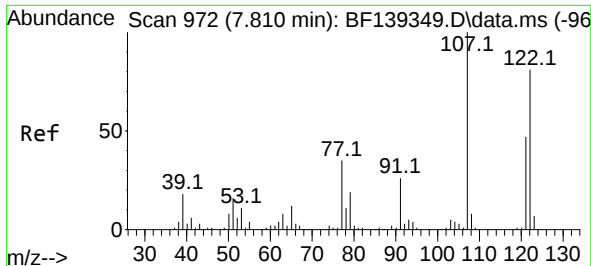
Tgt Ion: 82 Resp: 452061
Ion Ratio Lower Upper
82 100
95 7.8 6.7 10.1
138 16.4 13.3 19.9



#26
2-Nitrophenol
Concen: 46.453 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:139 Resp: 118039
Ion Ratio Lower Upper
139 100
109 36.3 32.2 48.2
65 63.7 55.8 83.8

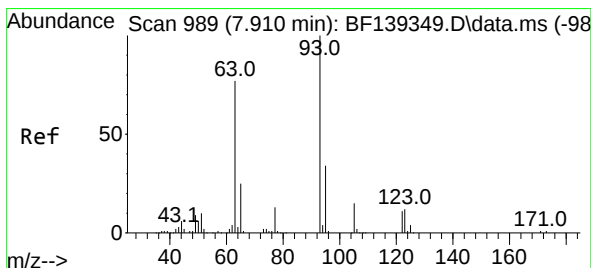
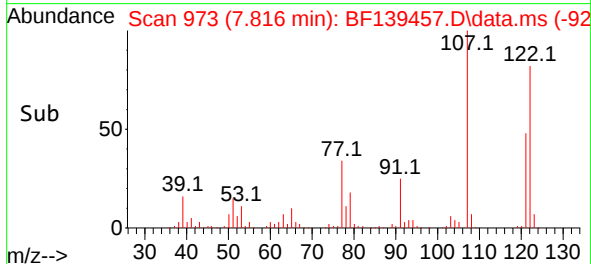
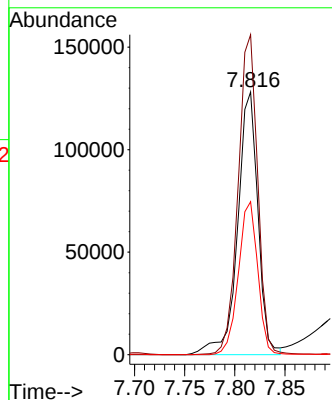
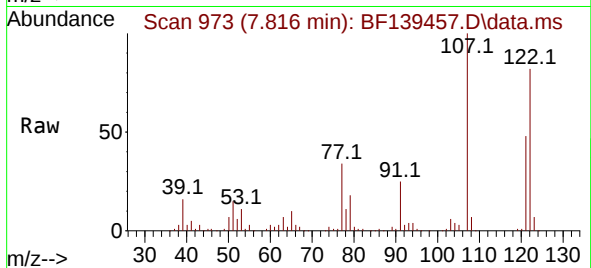




#27
2,4-Dimethylphenol
Concen: 54.066 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

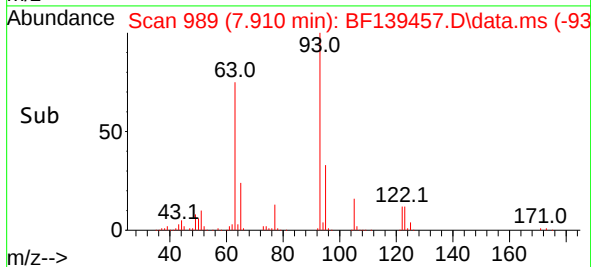
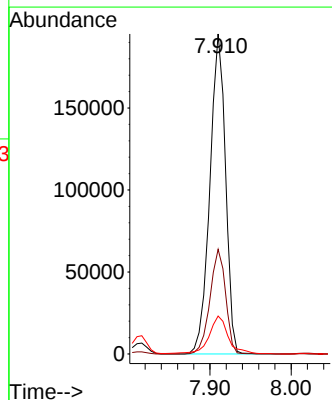
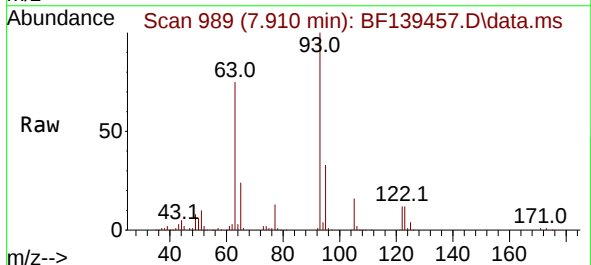
Instrument :
BNA_F
ClientSampleId :
PB163486BS

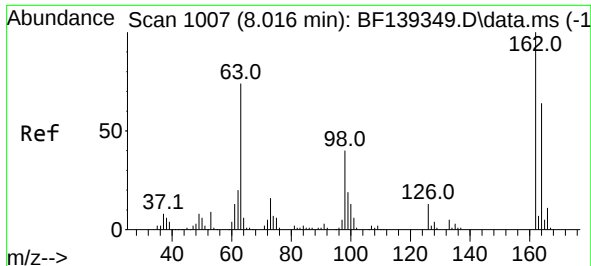
Tgt Ion:122 Resp: 181221
Ion Ratio Lower Upper
122 100
107 121.8 99.1 148.7
121 58.2 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.709 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion: 93 Resp: 261082
Ion Ratio Lower Upper
93 100
95 32.7 26.9 40.3
123 11.9 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 43.616 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

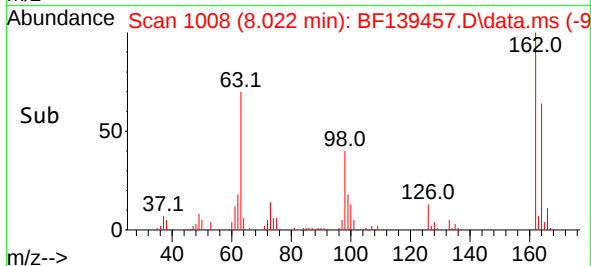
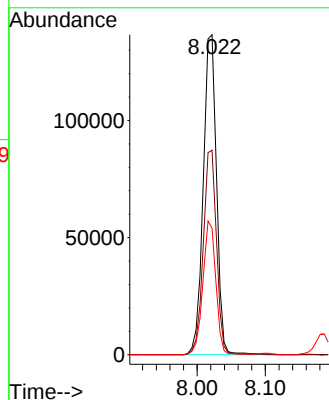
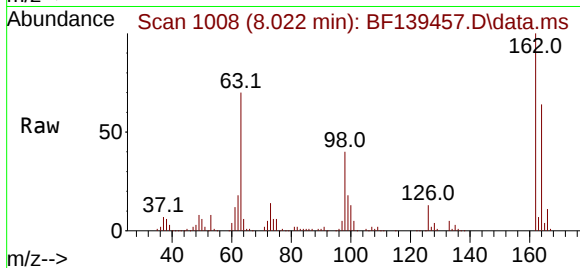
Tgt Ion:162 Resp: 185721

Ion Ratio Lower Upper

162 100

164 63.9 43.6 83.6

98 39.6 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 40.175 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

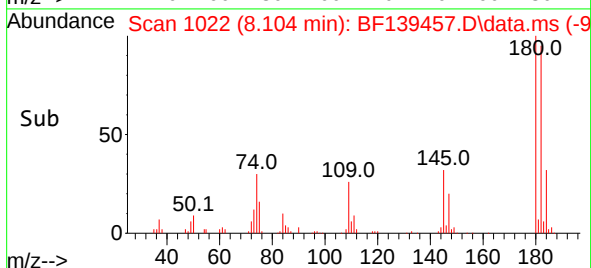
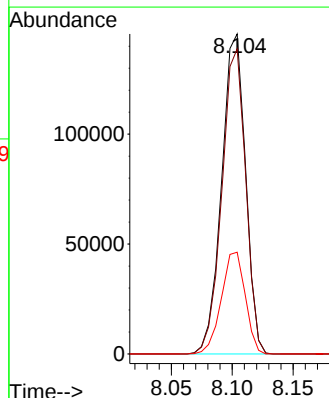
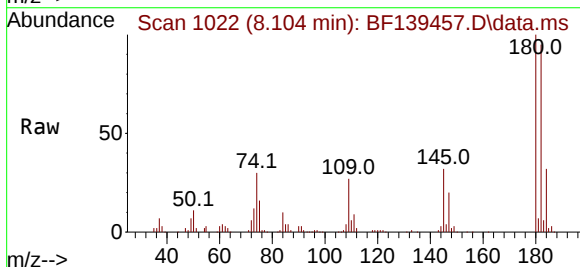
Tgt Ion:180 Resp: 199323

Ion Ratio Lower Upper

180 100

182 95.3 75.7 113.5

145 31.8 26.5 39.7

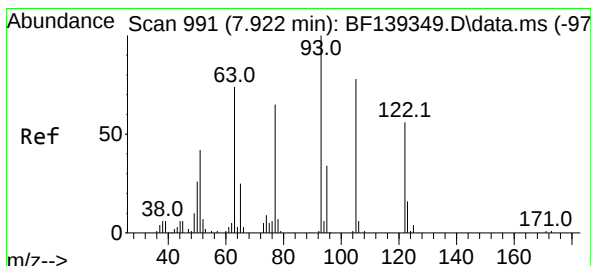
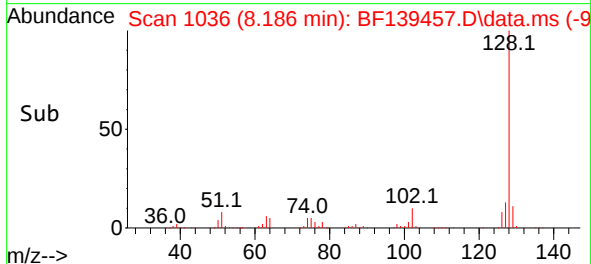
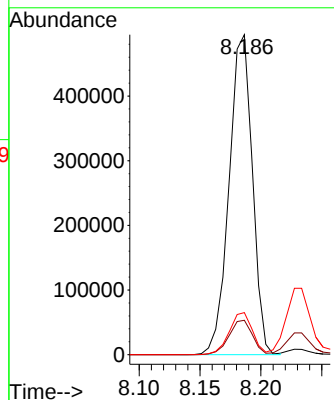
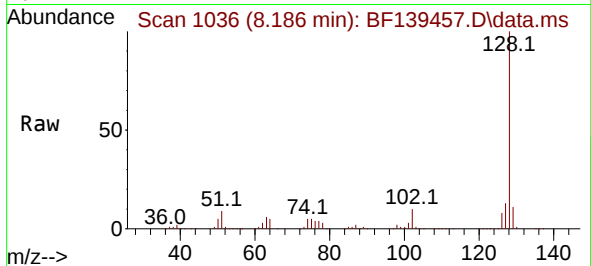




#31
Naphthalene
Concen: 42.307 ng
RT: 8.186 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

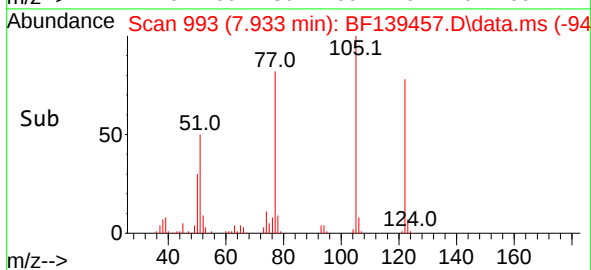
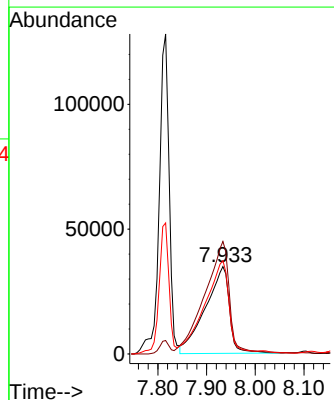
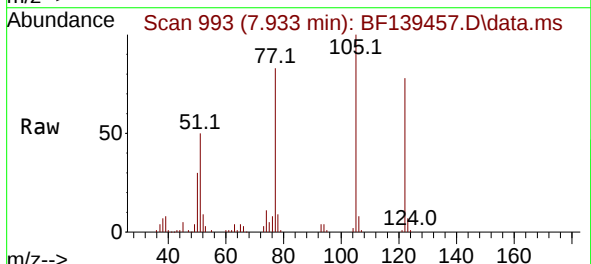
Instrument :
BNA_F
ClientSampleId :
PB163486BS

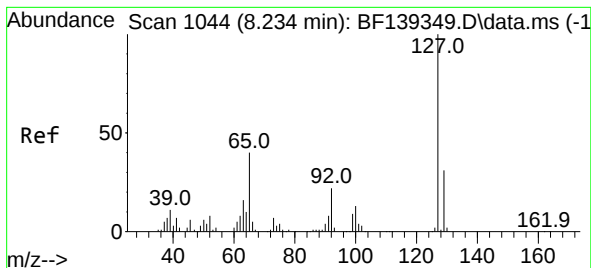
Tgt Ion:128 Resp: 657995
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 38.011 ng
RT: 7.933 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:122 Resp: 119232
Ion Ratio Lower Upper
122 100
105 128.7 117.1 157.1
77 106.7 95.4 135.4





#33

4-Chloroaniline

Concen: 32.635 ng

RT: 8.233 min Scan# 1044

Delta R.T. -0.000 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

Tgt Ion:127 Resp: 155278

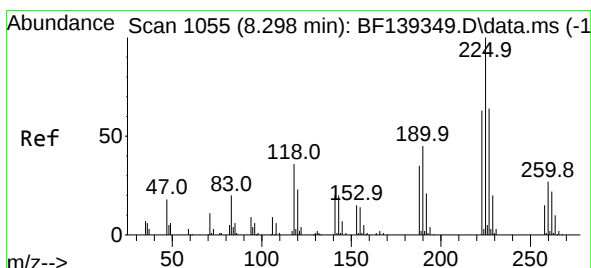
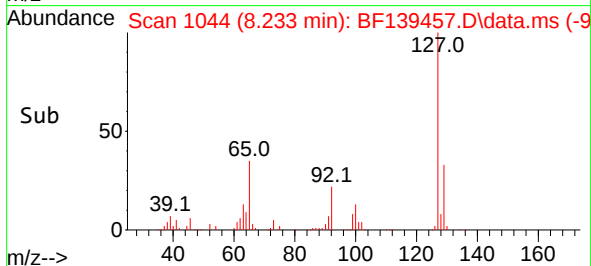
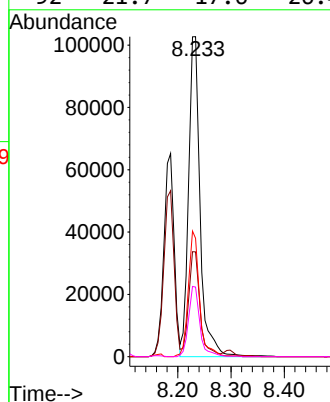
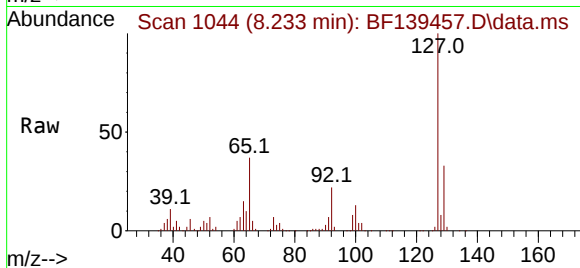
Ion Ratio Lower Upper

127 100

129 32.8 25.5 38.3

65 37.0 31.5 47.3

92 21.7 17.6 26.4



#34

Hexachlorobutadiene

Concen: 39.827 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

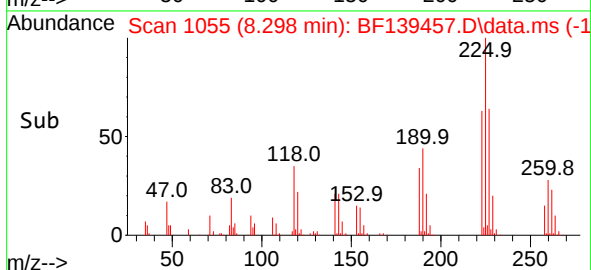
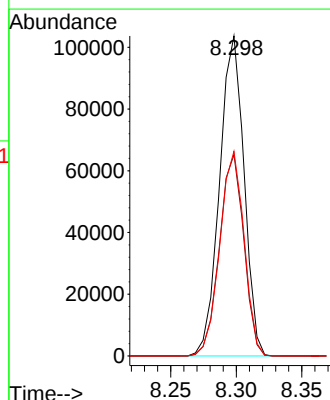
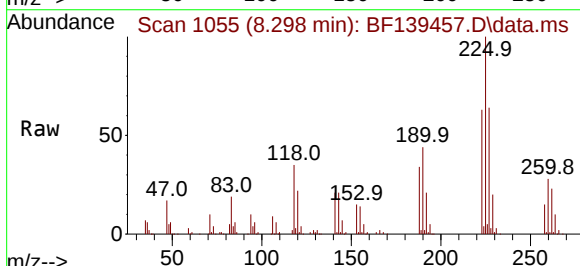
Tgt Ion:225 Resp: 134246

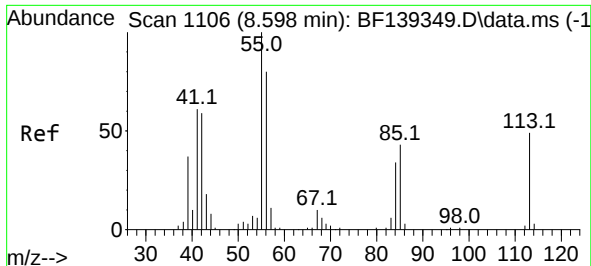
Ion Ratio Lower Upper

225 100

223 62.9 50.1 75.1

227 64.0 51.0 76.6





#35

Caprolactam

Concen: 30.724 ng

RT: 8.604 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

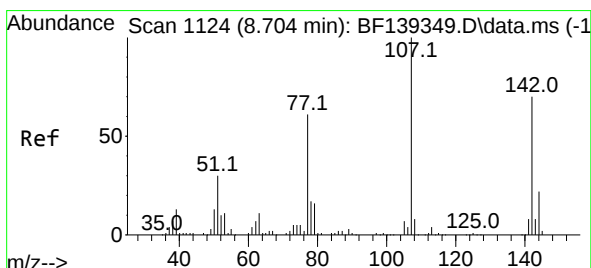
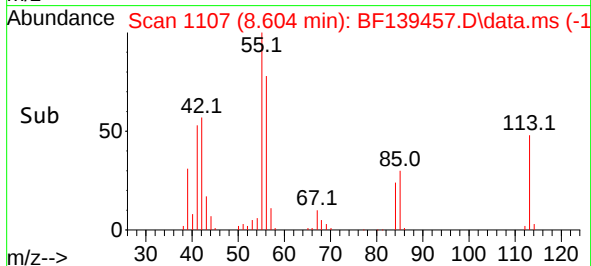
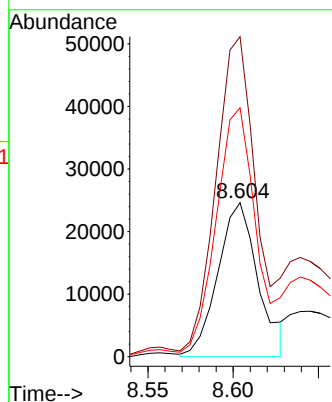
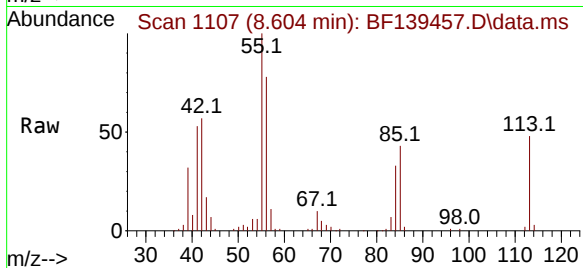
Tgt Ion:113 Resp: 40244

Ion Ratio Lower Upper

113 100

55 207.8 186.1 226.1

56 161.7 144.9 184.9



#36

4-Chloro-3-methylphenol

Concen: 42.981 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.012 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

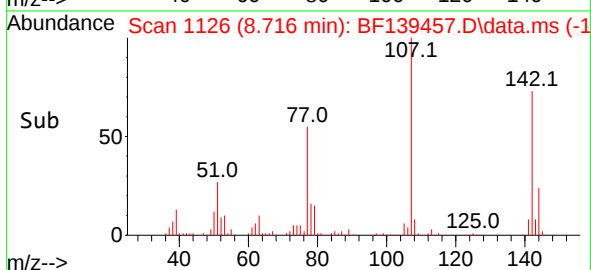
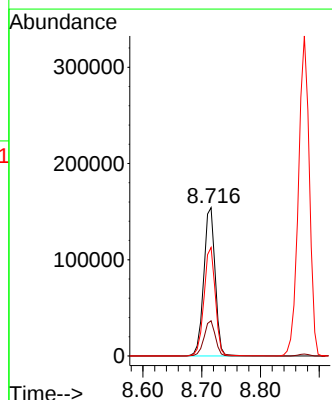
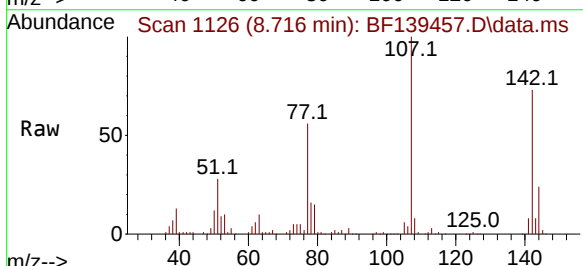
Tgt Ion:107 Resp: 209161

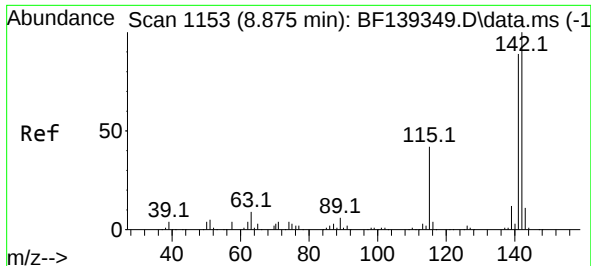
Ion Ratio Lower Upper

107 100

144 23.7 17.5 26.3

142 73.1 55.8 83.8





#37

2-Methylnaphthalene

Concen: 43.422 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

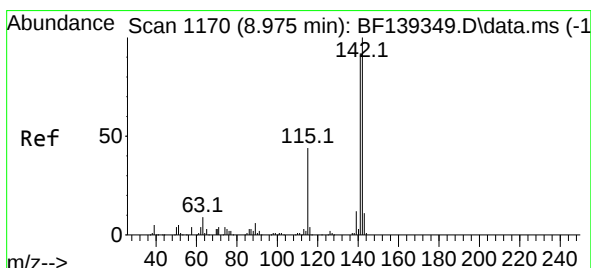
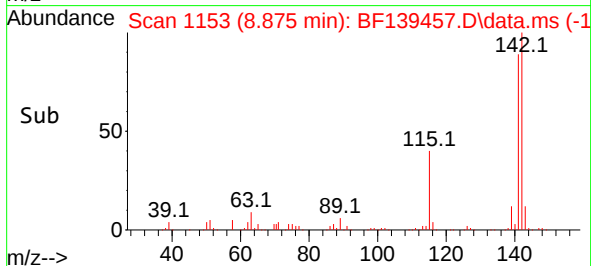
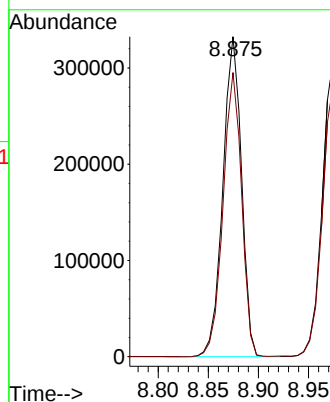
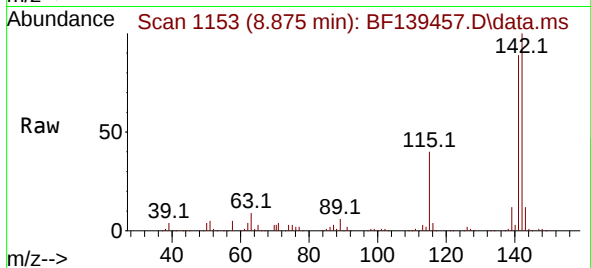
PB163486BS

Tgt Ion:142 Resp: 428660

Ion Ratio Lower Upper

142 100

141 88.8 71.6 107.4



#38

1-Methylnaphthalene

Concen: 40.965 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF139457.D

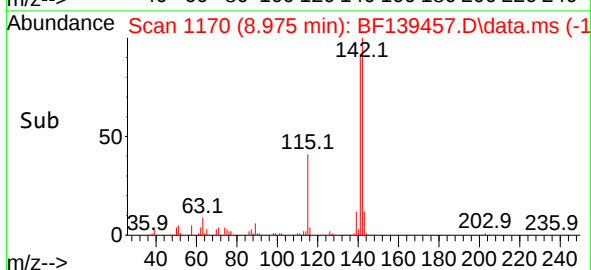
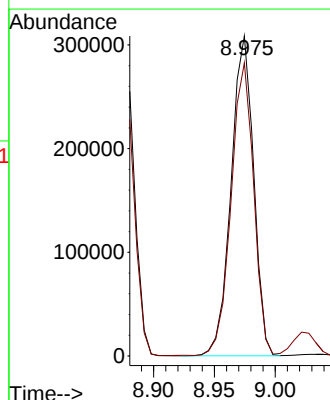
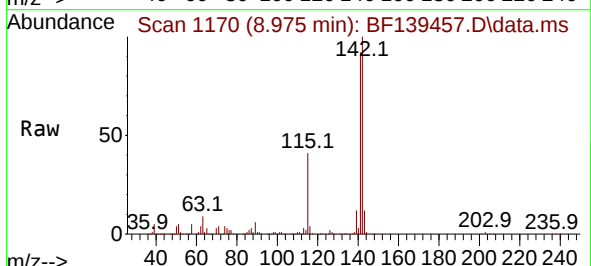
Acq: 19 Sep 2024 11:32

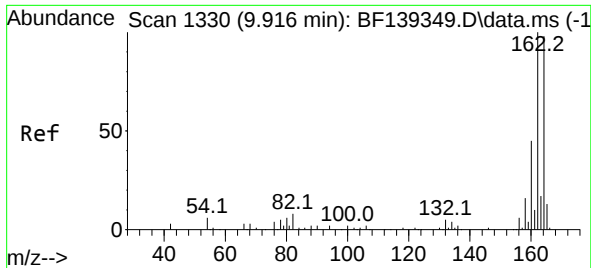
Tgt Ion:142 Resp: 397025

Ion Ratio Lower Upper

142 100

141 91.6 73.2 109.8

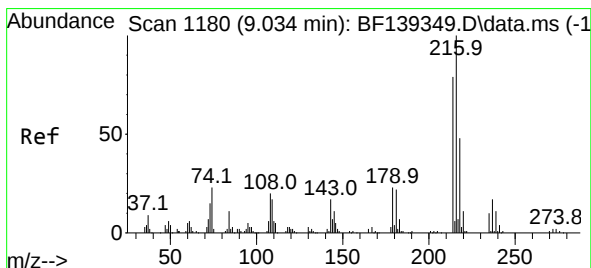
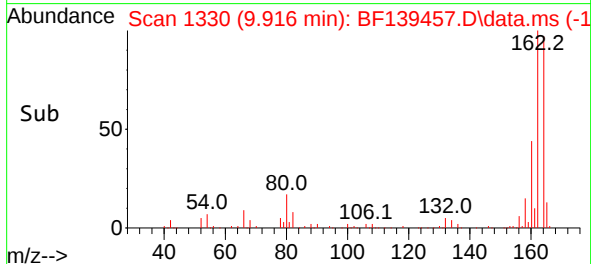
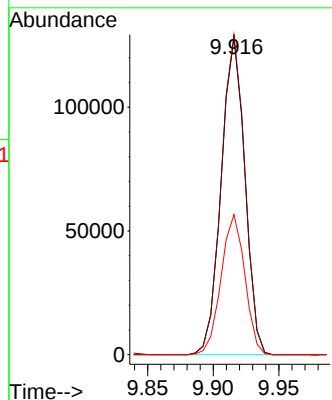
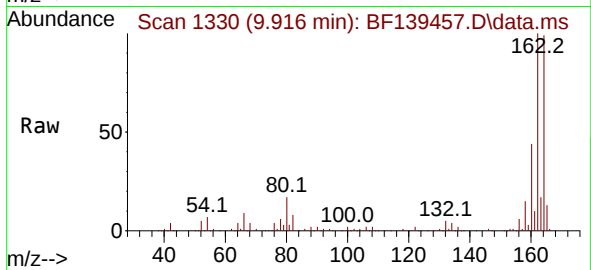




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

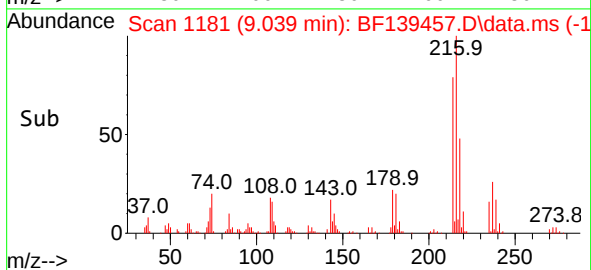
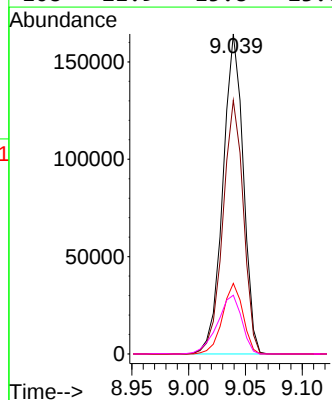
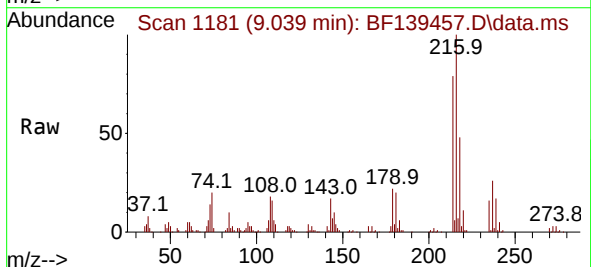
Instrument :
BNA_F
ClientSampleId :
PB163486BS

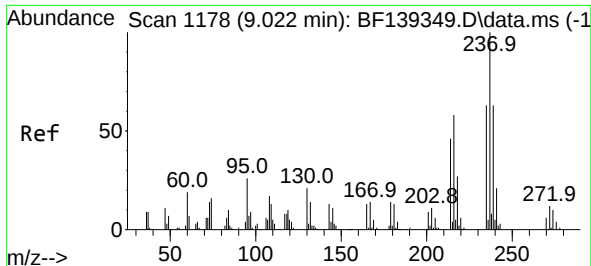
Tgt Ion:164 Resp: 160194
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 44.2 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.259 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:216 Resp: 205379
Ion Ratio Lower Upper
216 100
214 79.3 63.4 95.0
179 22.0 18.2 27.2
108 21.9 15.8 23.6

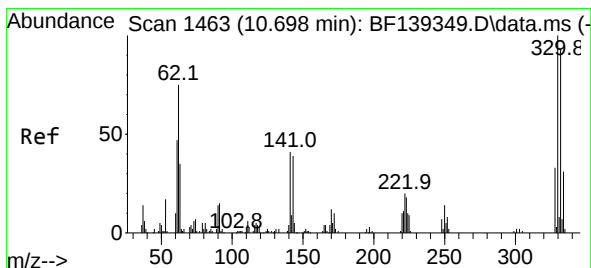
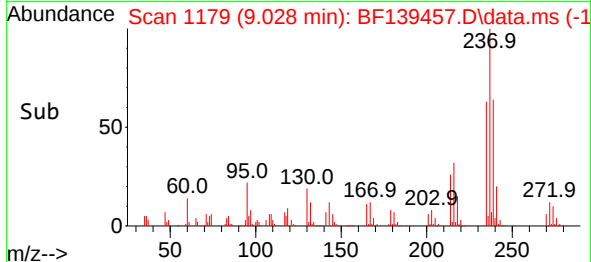
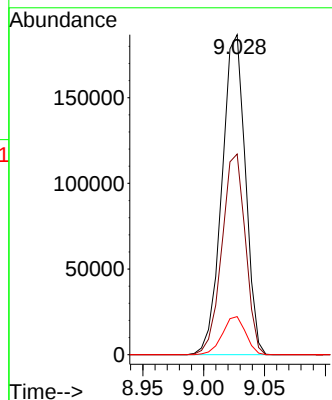
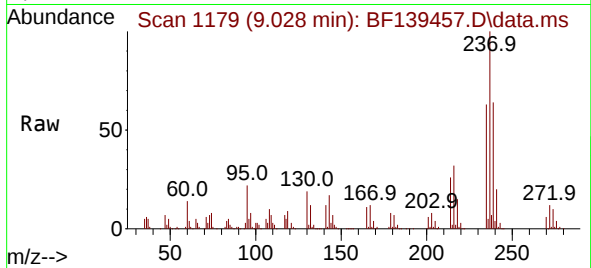




#41
Hexachlorocyclopentadiene
Concen: 150.974 ng
RT: 9.028 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

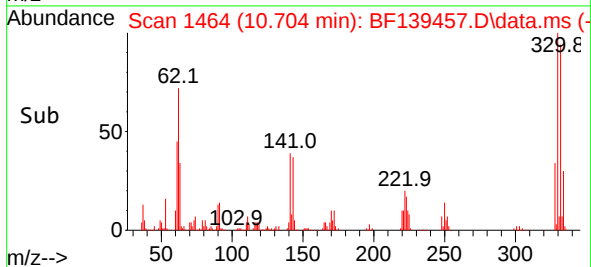
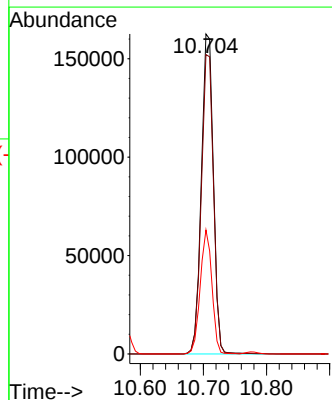
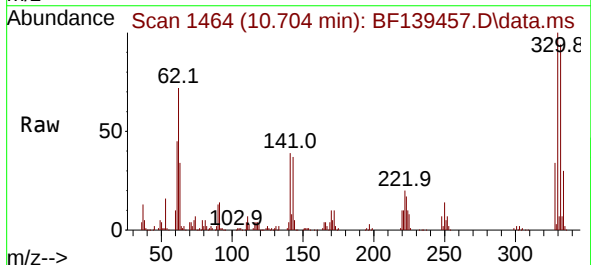
Instrument :
BNA_F
ClientSampleId :
PB163486BS

Tgt Ion:237 Resp: 250266
Ion Ratio Lower Upper
237 100
235 62.7 42.7 82.7
272 11.9 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 126.304 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:330 Resp: 215406
Ion Ratio Lower Upper
330 100
332 94.2 75.2 112.8
141 37.5 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 46.151 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

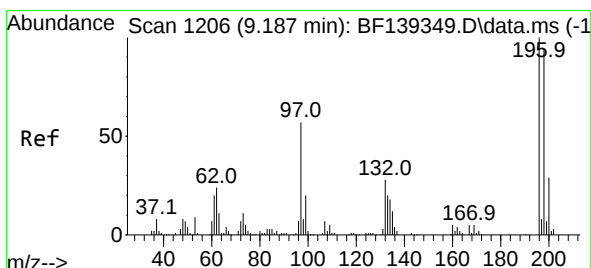
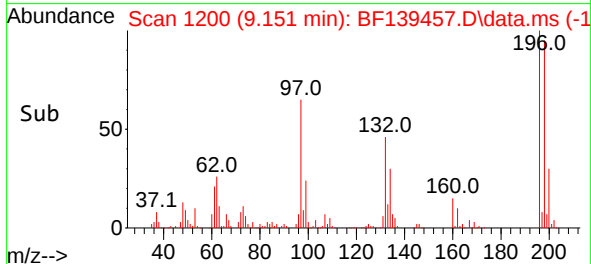
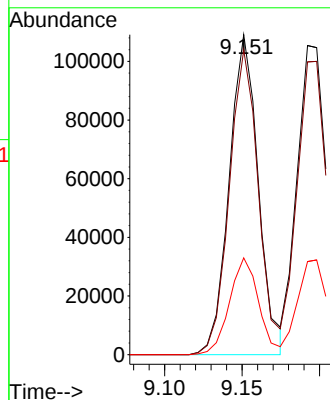
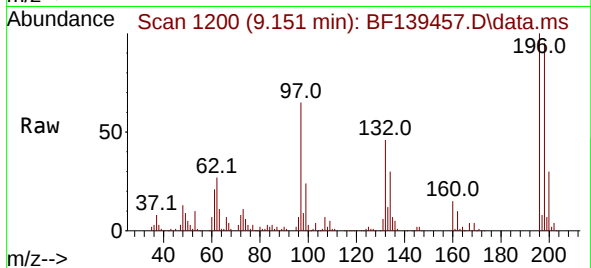
Tgt Ion:196 Resp: 142550

Ion Ratio Lower Upper

196 100

198 95.3 75.8 113.6

200 30.2 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 43.352 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Tgt Ion:196 Resp: 141249

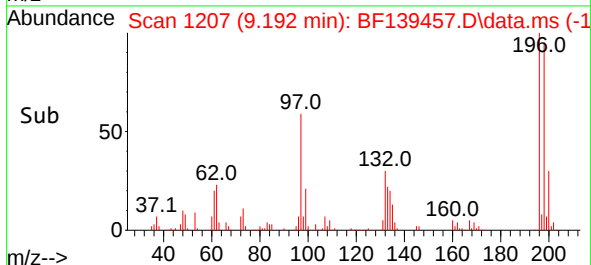
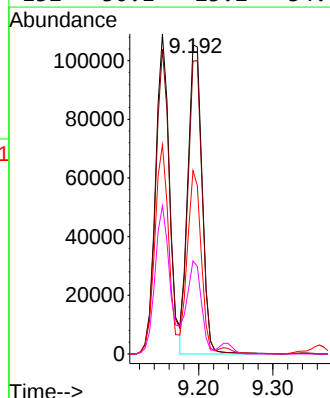
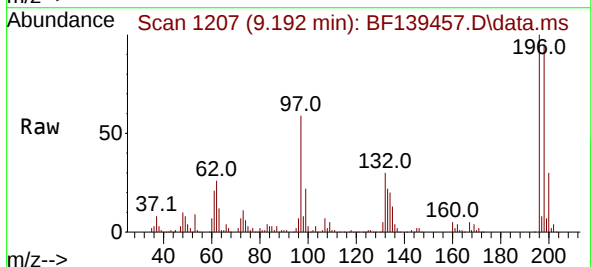
Ion Ratio Lower Upper

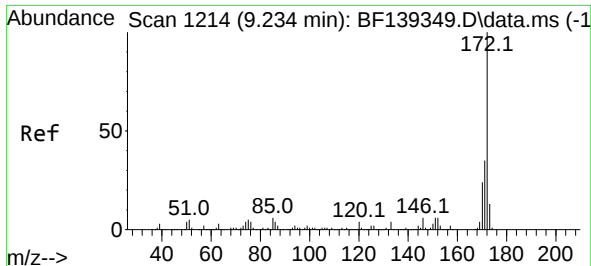
196 100

198 94.7 74.8 112.2

97 59.3 47.3 70.9

132 30.1 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 87.868 ng

RT: 9.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

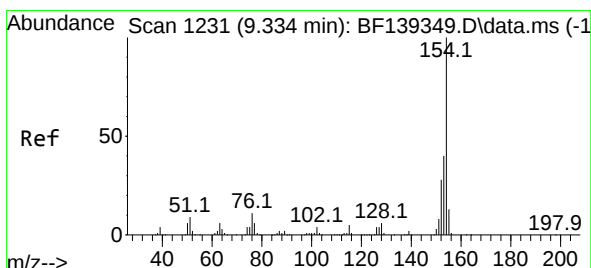
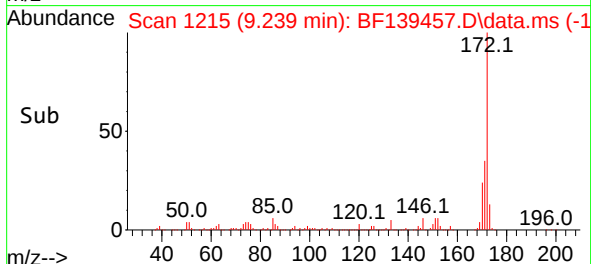
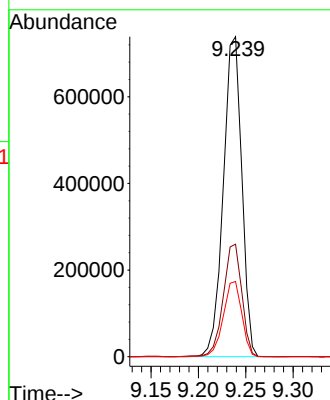
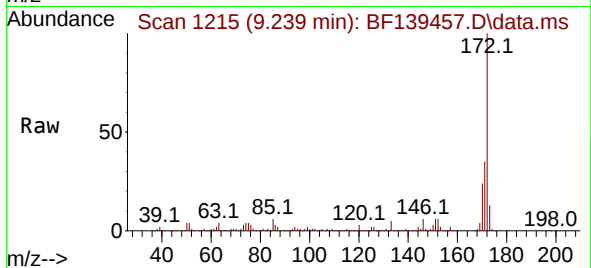
Tgt Ion:172 Resp: 1003616

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 42.956 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

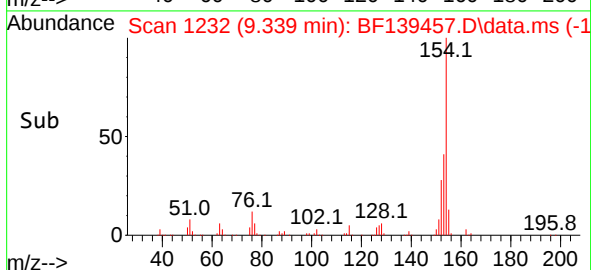
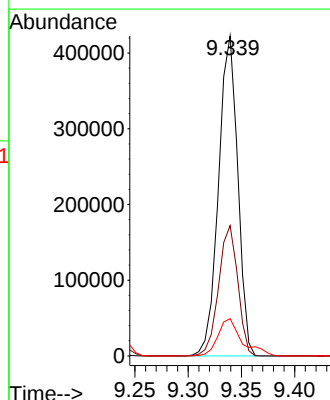
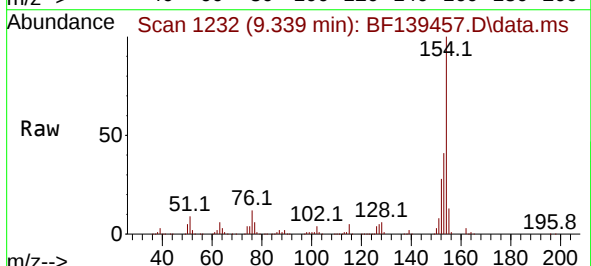
Tgt Ion:154 Resp: 529399

Ion Ratio Lower Upper

154 100

153 40.7 20.1 60.1

76 11.7 0.0 31.1





#47

2-Chloronaphthalene

Concen: 42.996 ng

RT: 9.363 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

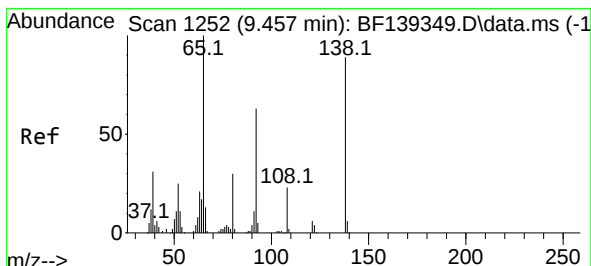
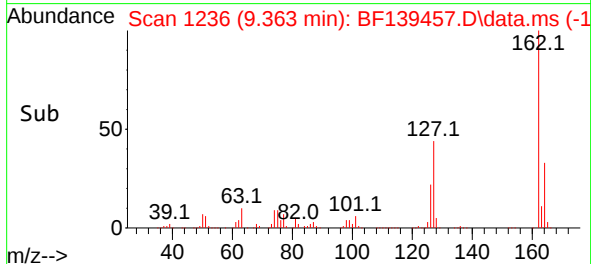
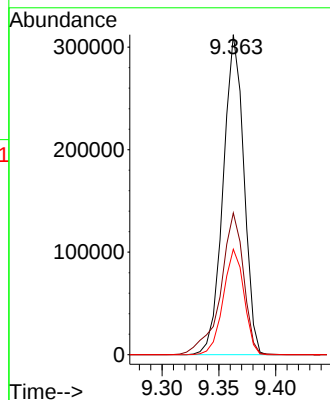
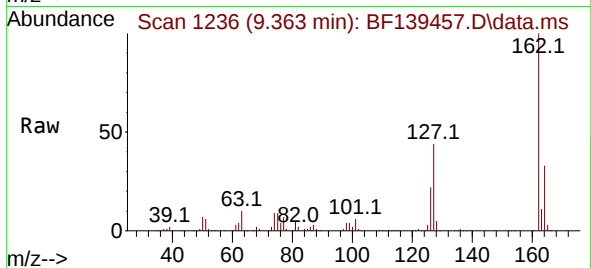
Tgt Ion:162 Resp: 396201

Ion Ratio Lower Upper

162 100

127 44.3 35.0 52.4

164 33.0 25.8 38.6



#48

2-Nitroaniline

Concen: 44.319 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

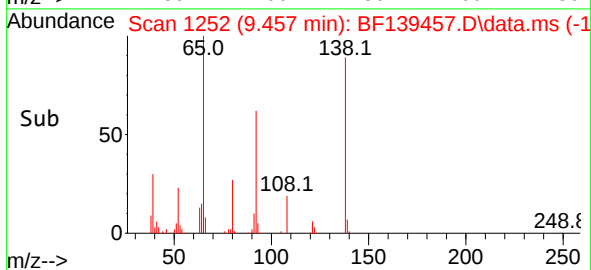
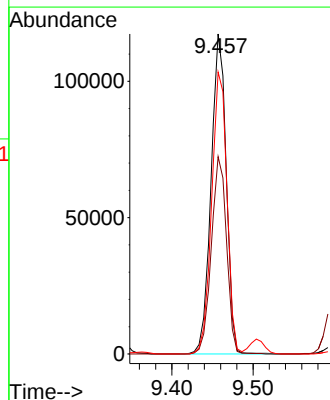
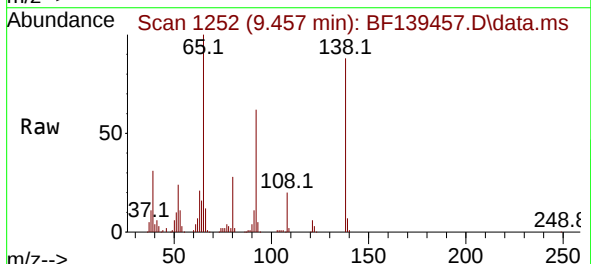
Tgt Ion: 65 Resp: 151897

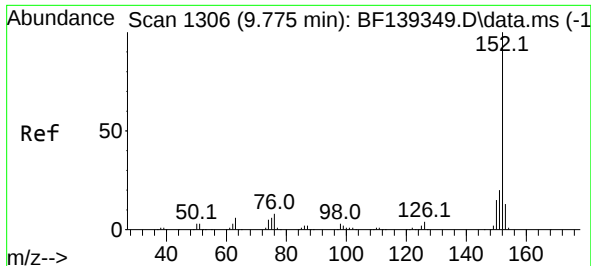
Ion Ratio Lower Upper

65 100

92 61.6 50.3 75.5

138 88.1 71.3 106.9

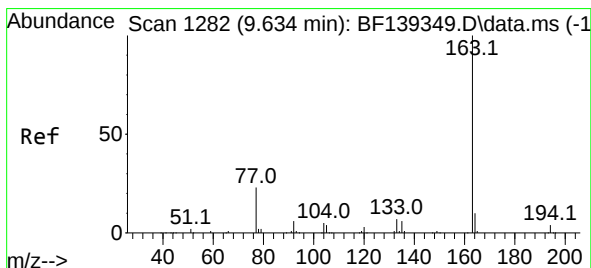
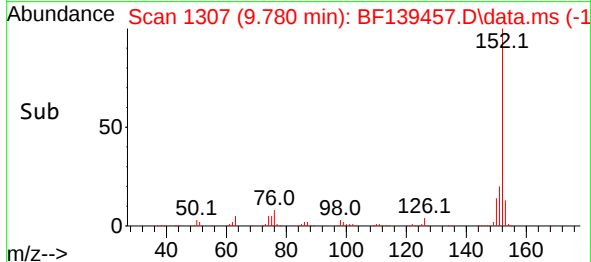
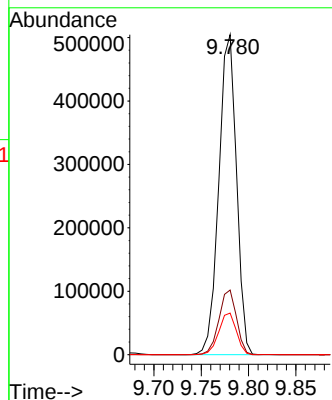
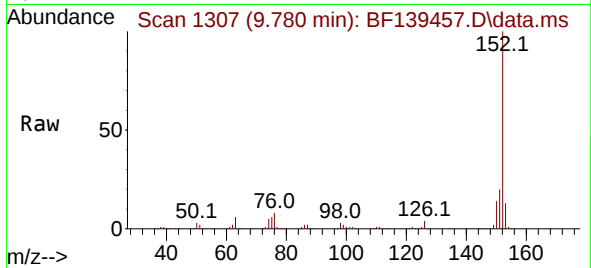




#49
Acenaphthylene
Concen: 47.188 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

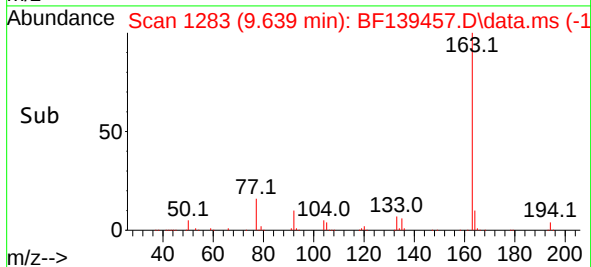
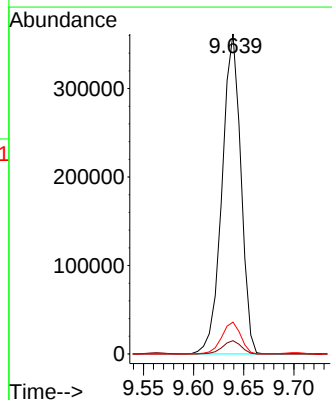
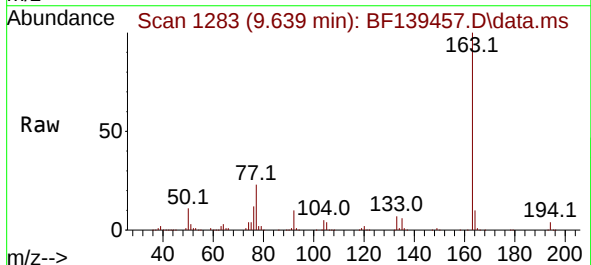
Instrument :
BNA_F
ClientSampleId :
PB163486BS

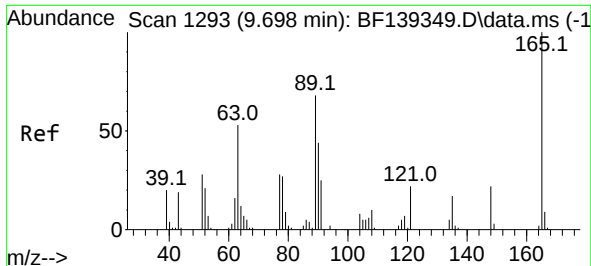
Tgt Ion:152 Resp: 654538
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.0 10.3 15.5



#50
Dimethylphthalate
Concen: 44.791 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:163 Resp: 470941
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.9 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 43.672 ng

RT: 9.698 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139457.D

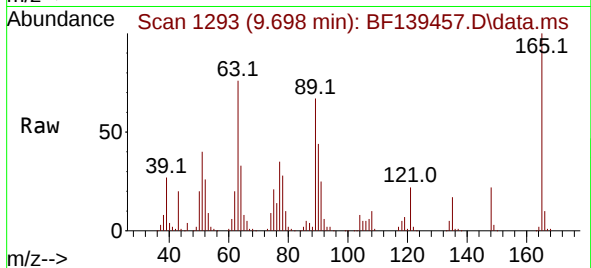
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS



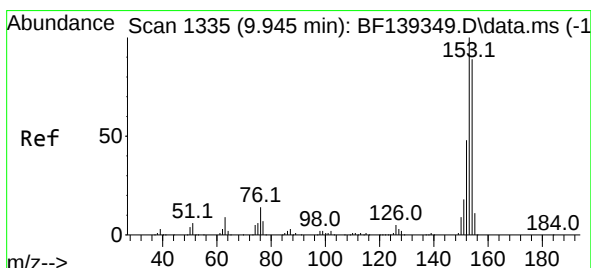
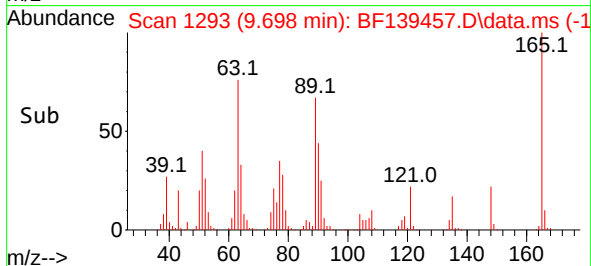
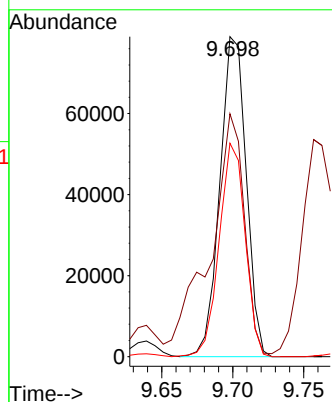
Tgt Ion:165 Resp: 101722

Ion Ratio Lower Upper

165 100

63 75.9 60.9 91.3

89 66.7 54.7 82.1



#52

Acenaphthene

Concen: 48.807 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

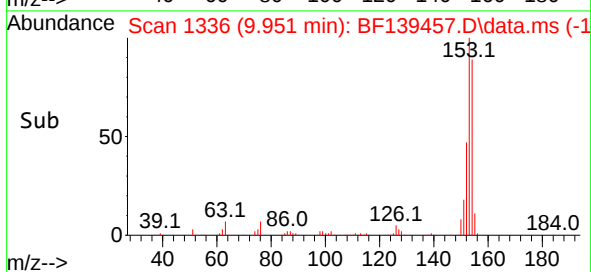
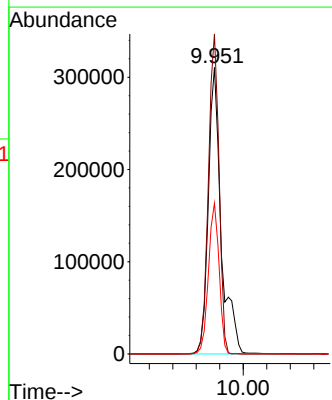
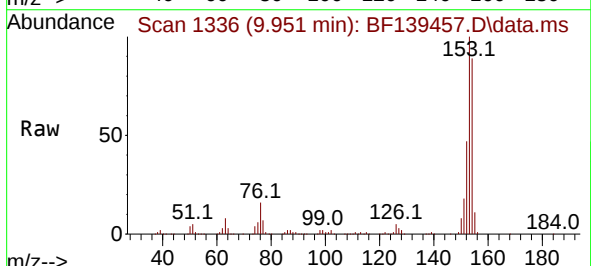
Tgt Ion:154 Resp: 472499

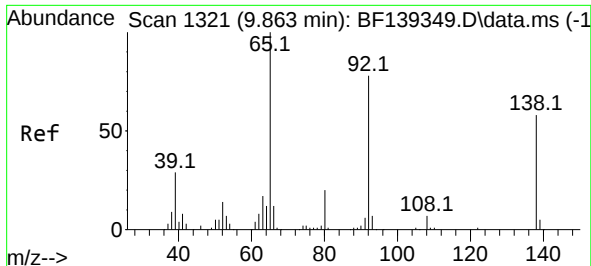
Ion Ratio Lower Upper

154 100

153 111.8 89.5 134.3

152 52.6 42.6 64.0

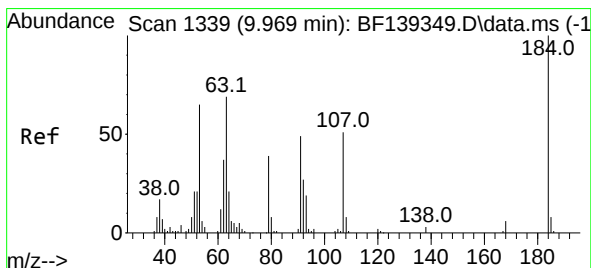
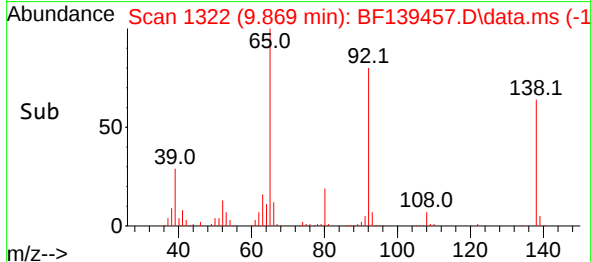
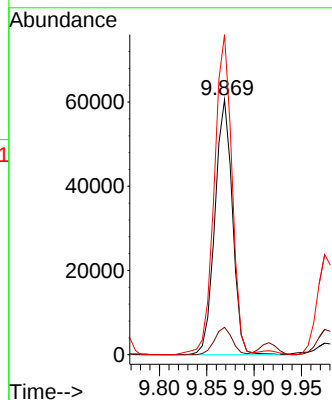
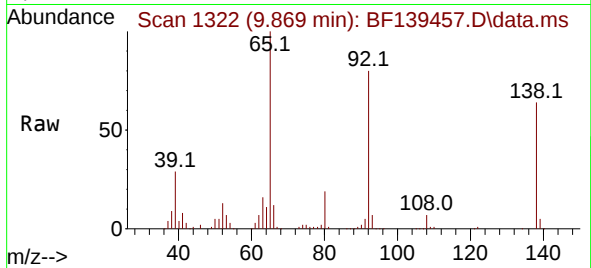




#53
3-Nitroaniline
Concen: 33.417 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

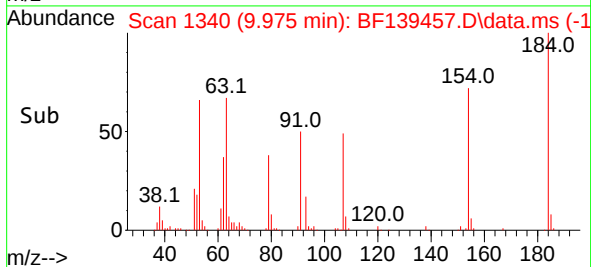
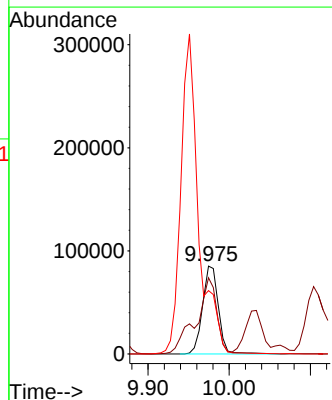
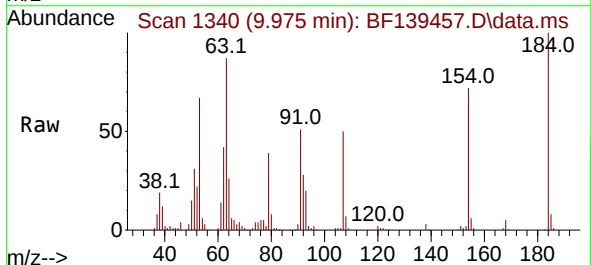
Instrument :
BNA_F
ClientSampleId :
PB163486BS

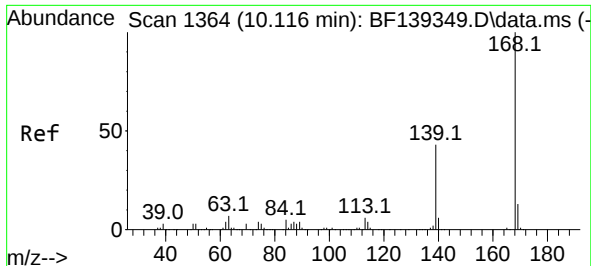
Tgt Ion:138 Resp: 77788
Ion Ratio Lower Upper
138 100
108 10.7 9.8 14.8
92 125.4 107.4 161.2



#54
2,4-Dinitrophenol
Concen: 88.795 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:184 Resp: 115246
Ion Ratio Lower Upper
184 100
63 86.6 69.3 103.9
154 72.2 67.5 101.3

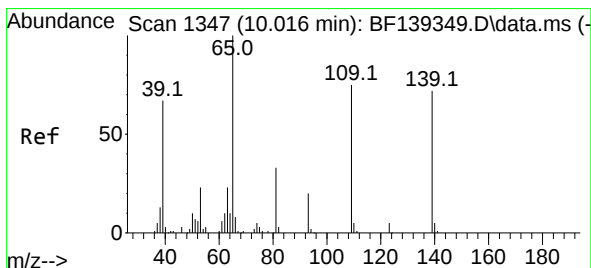
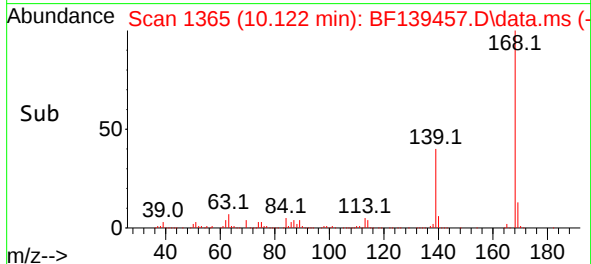
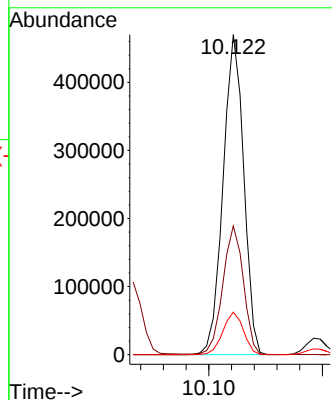
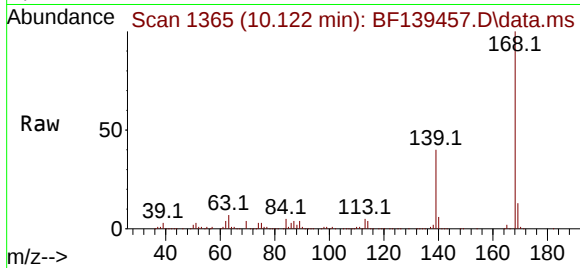




#55
Dibenzofuran
Concen: 43.942 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

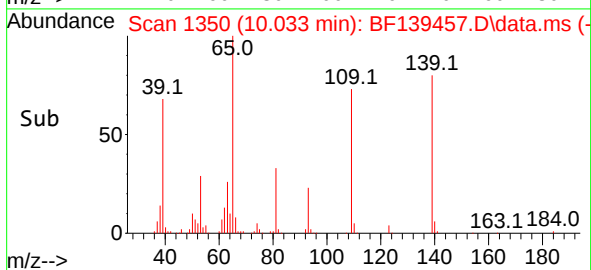
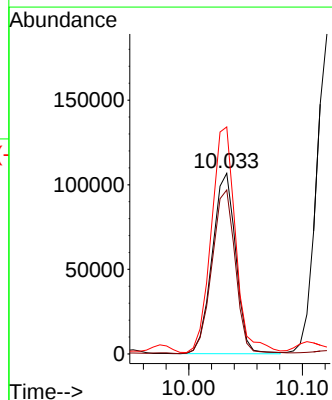
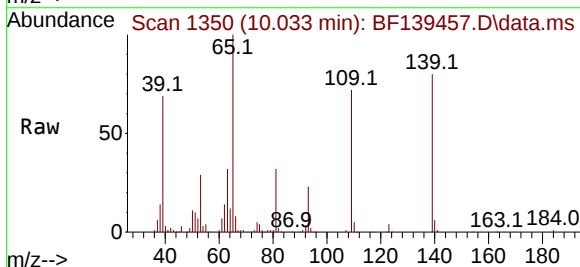
Instrument :
BNA_F
ClientSampleId :
PB163486BS

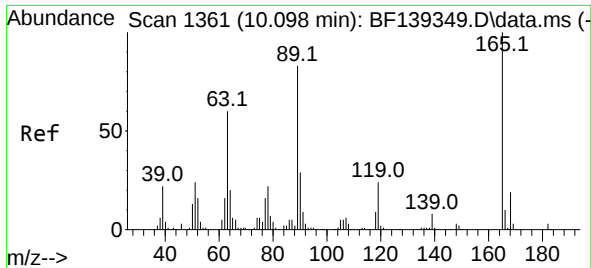
Tgt Ion:168 Resp: 592920
Ion Ratio Lower Upper
168 100
139 40.2 34.1 51.1
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 79.761 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.017 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:139 Resp: 153631
Ion Ratio Lower Upper
139 100
109 90.7 84.1 124.1
65 125.6 120.0 160.0

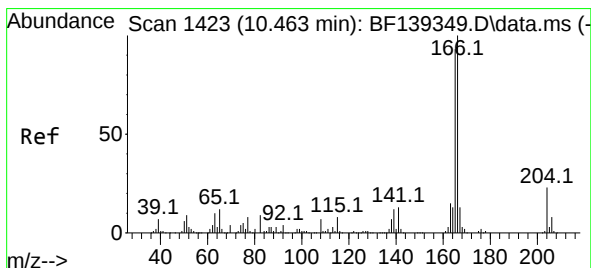
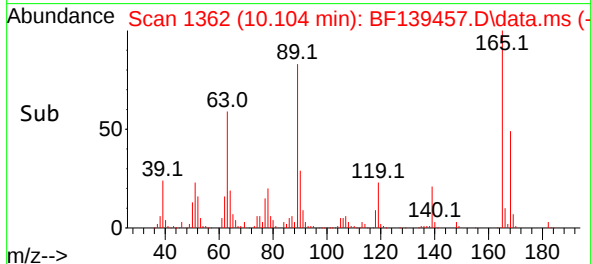
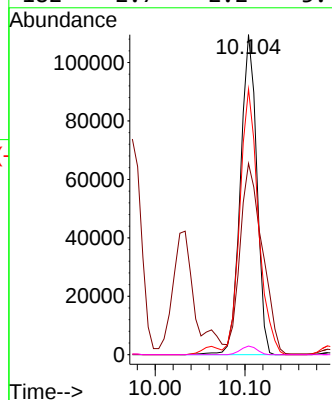
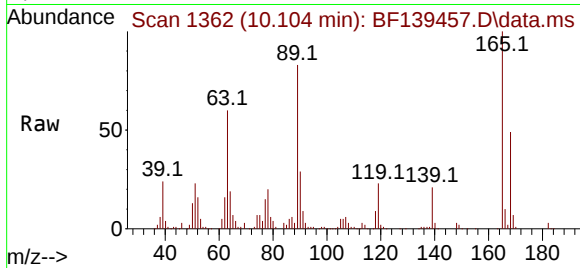




#57
2,4-Dinitrotoluene
Concen: 44.174 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

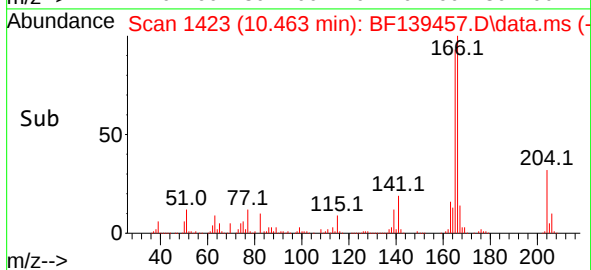
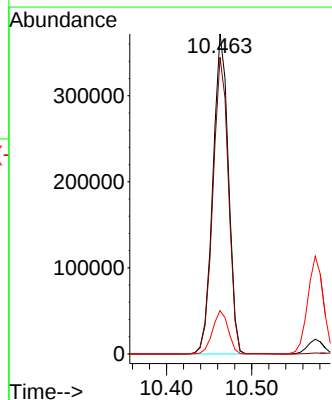
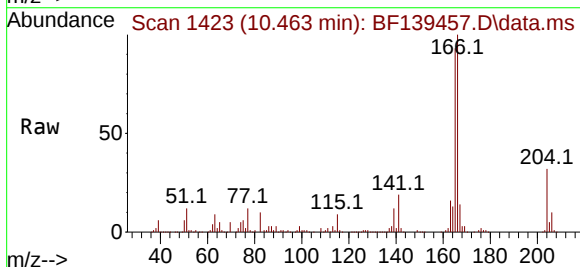
Instrument :
BNA_F
ClientSampleId :
PB163486BS

Tgt Ion:165 Resp: 138910
Ion Ratio Lower Upper
165 100
63 59.7 47.8 71.6
89 83.0 66.7 100.1
182 2.7 2.2 3.4



#58
Fluorene
Concen: 42.727 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:166 Resp: 470401
Ion Ratio Lower Upper
166 100
165 92.7 74.5 111.7
167 13.6 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.016 ng

RT: 10.239 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

Tgt Ion:232 Resp: 121328

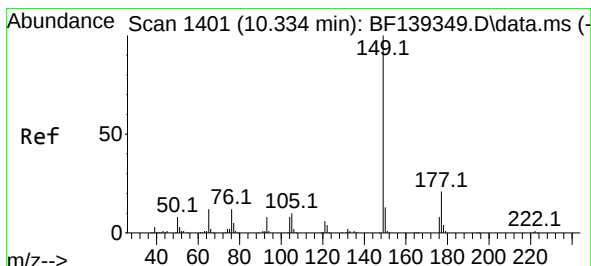
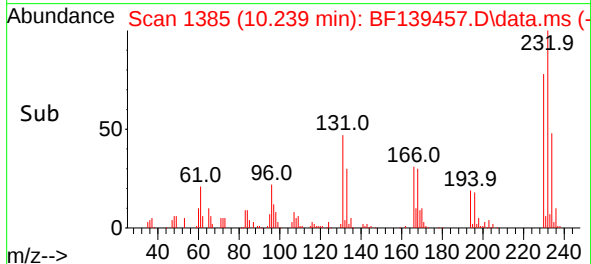
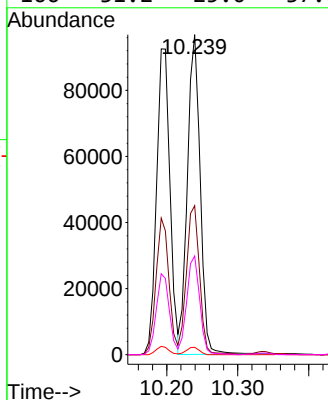
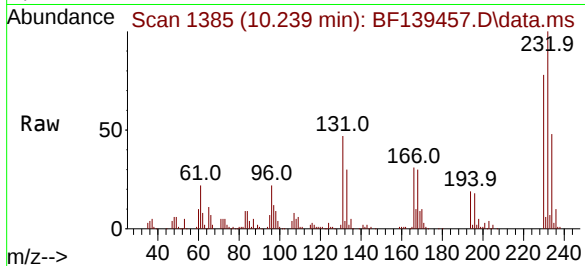
Ion Ratio Lower Upper

232 100

131 47.9 40.7 61.1

130 2.3 2.2 3.2

166 31.2 25.0 37.6



#60

Diethylphthalate

Concen: 44.251 ng

RT: 10.339 min Scan# 1402

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

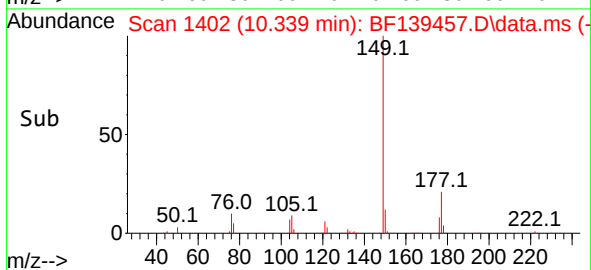
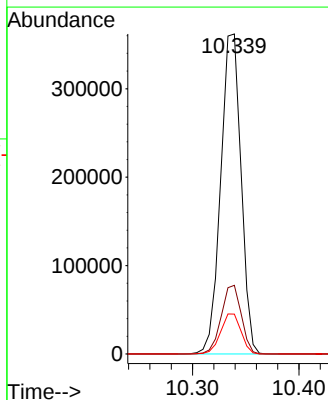
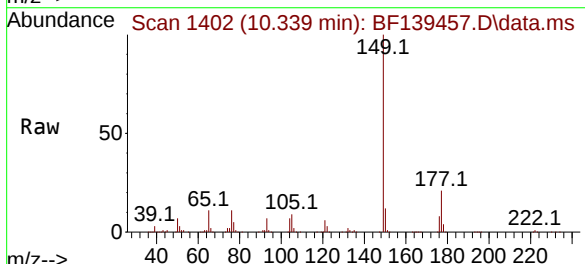
Tgt Ion:149 Resp: 480139

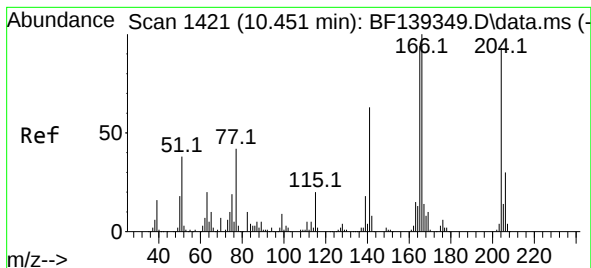
Ion Ratio Lower Upper

149 100

177 21.4 16.6 24.8

150 12.5 10.6 15.8

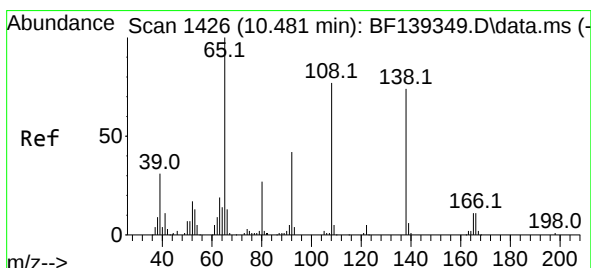
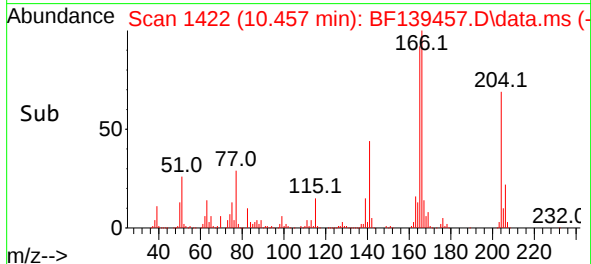
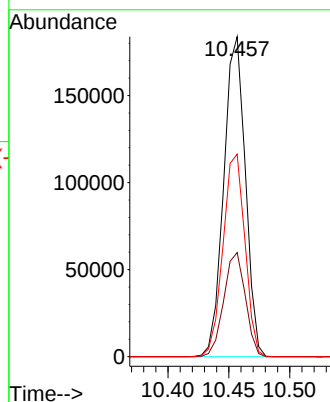
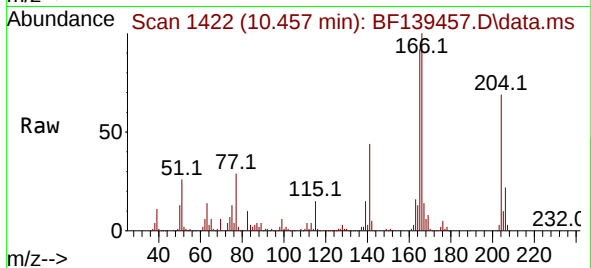




#61
4-Chlorophenyl-phenylether
Concen: 42.475 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

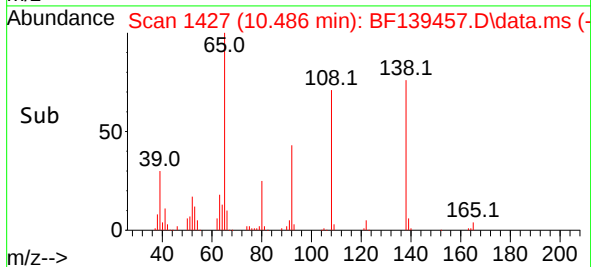
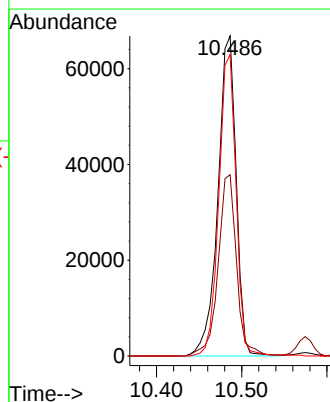
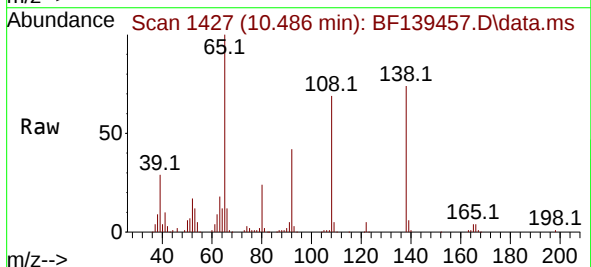
Instrument :
BNA_F
ClientSampleId :
PB163486BS

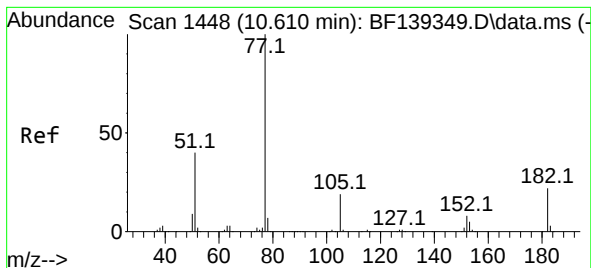
Tgt Ion:204 Resp: 227262
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 63.3 53.9 80.9



#62
4-Nitroaniline
Concen: 39.149 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:138 Resp: 99458
Ion Ratio Lower Upper
138 100
92 56.7 37.0 77.0
108 94.2 84.4 124.4





#63

Azobenzene

Concen: 44.326 ng

RT: 10.616 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

Tgt Ion: 77 Resp: 473043

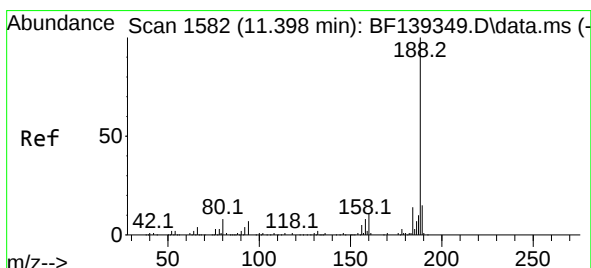
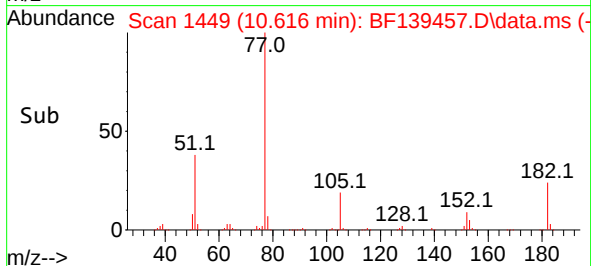
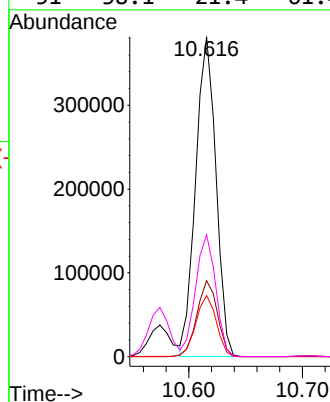
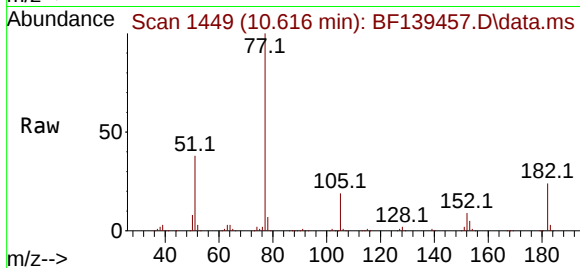
Ion Ratio Lower Upper

77 100

182 23.7 1.8 41.8

105 19.1 0.0 38.6

51 38.1 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

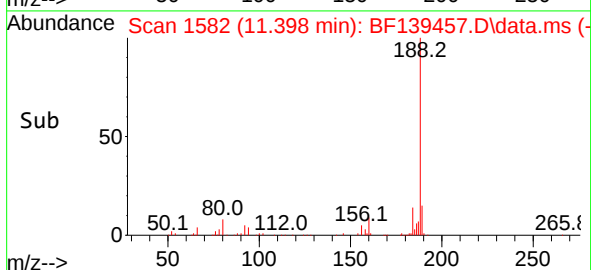
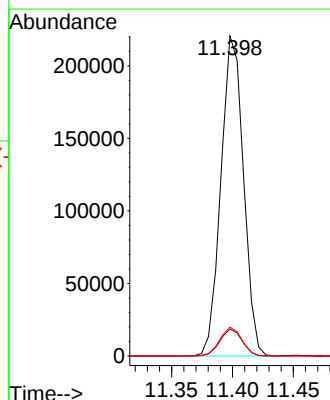
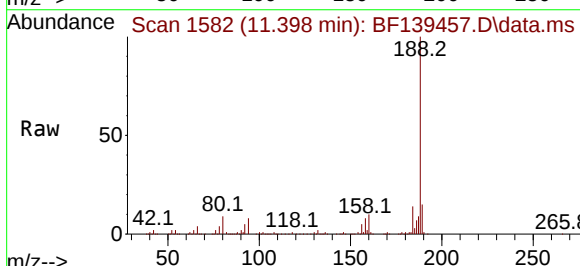
Tgt Ion:188 Resp: 284319

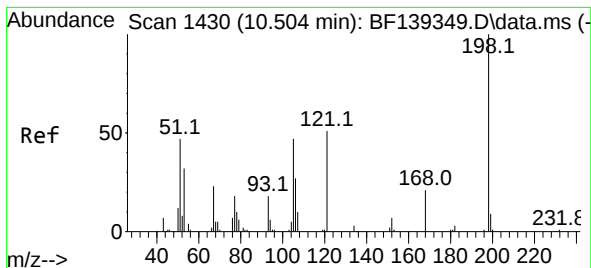
Ion Ratio Lower Upper

188 100

94 8.4 5.5 8.3#

80 9.0 6.6 9.8

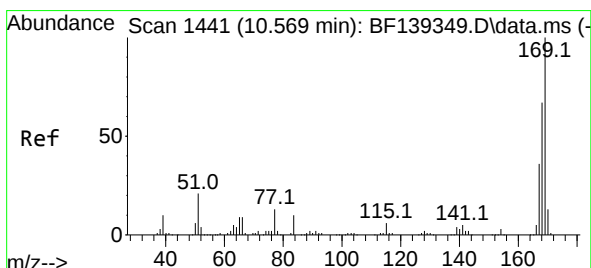
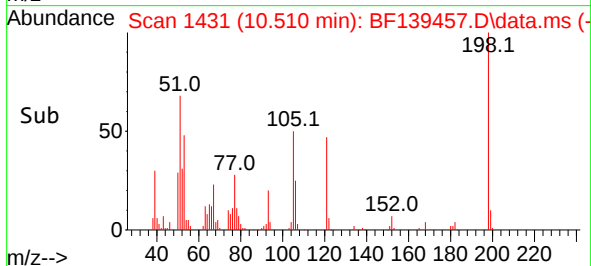
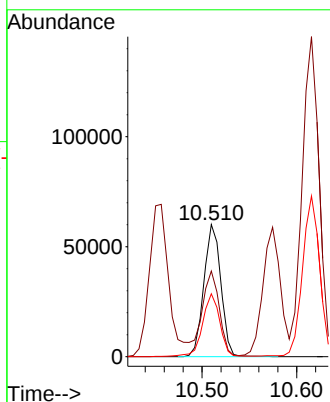
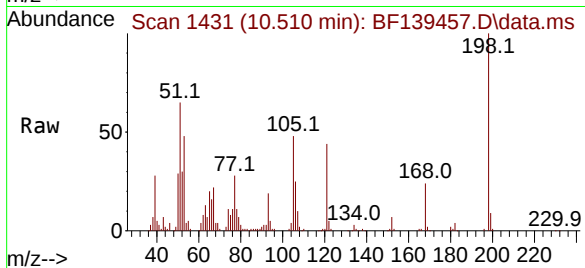




#65
4,6-Dinitro-2-methylphenol
Concen: 49.819 ng
RT: 10.510 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

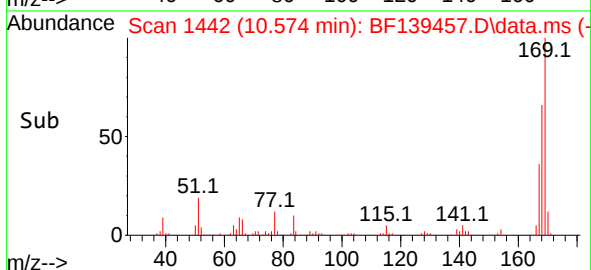
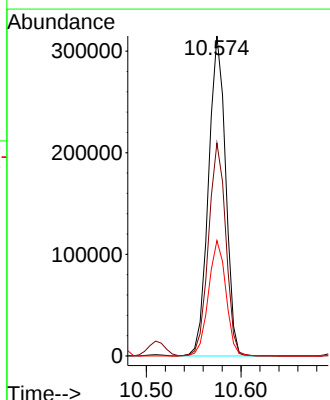
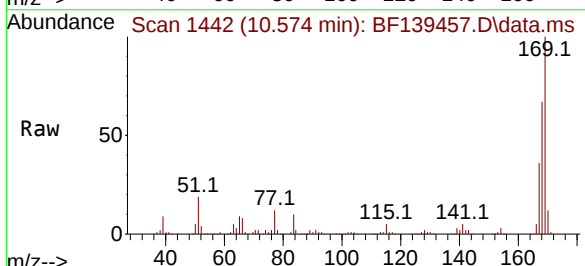
Instrument :
BNA_F
ClientSampleId :
PB163486BS

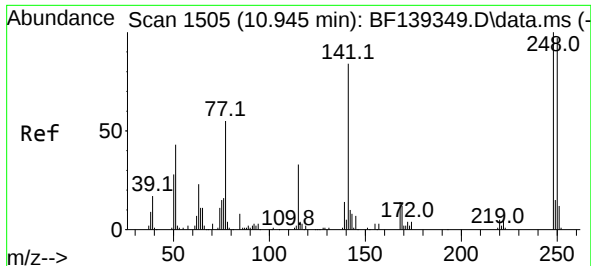
Tgt Ion:198 Resp: 74758
Ion Ratio Lower Upper
198 100
51 64.8 50.4 90.4
105 47.5 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 47.486 ng
RT: 10.574 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:169 Resp: 394728
Ion Ratio Lower Upper
169 100
168 66.6 53.6 80.4
167 36.1 28.7 43.1

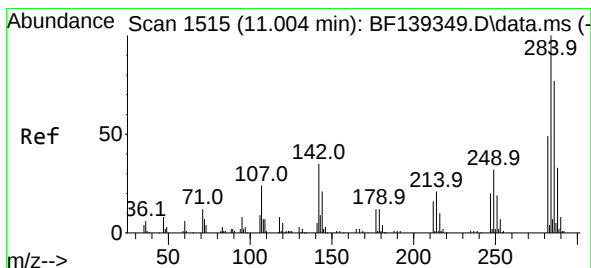
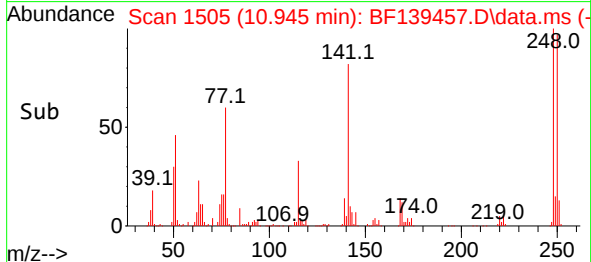
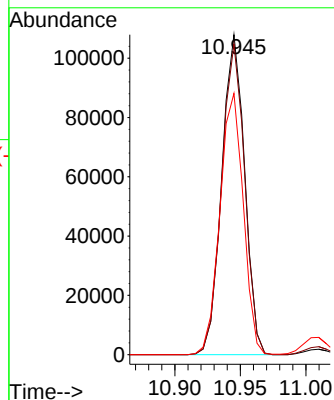
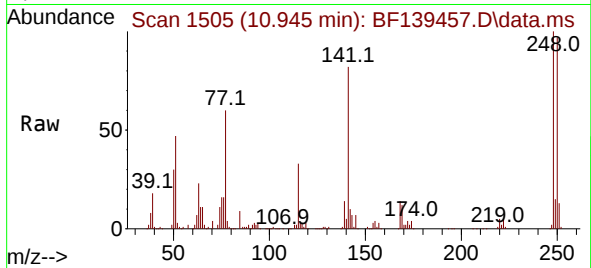




#67
4-Bromophenyl-phenylether
Concen: 46.480 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

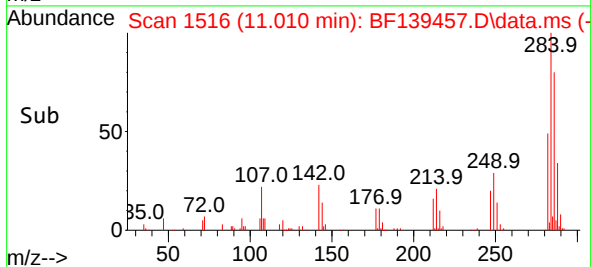
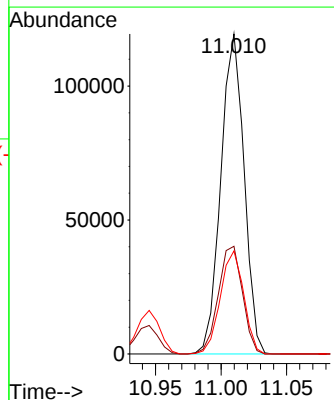
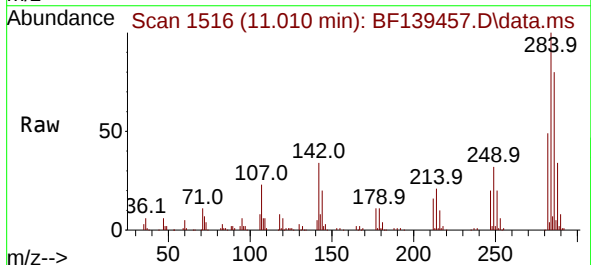
Instrument :
BNA_F
ClientSampleId :
PB163486BS

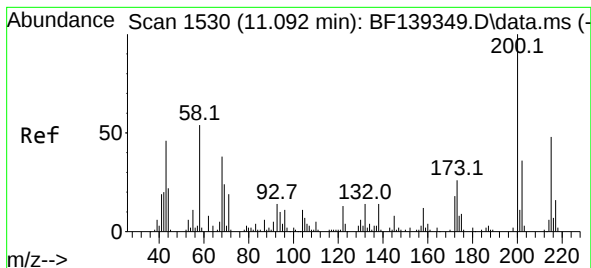
Tgt Ion:248 Resp: 130959
Ion Ratio Lower Upper
248 100
250 97.0 77.6 116.4
141 81.7 66.9 100.3



#68
Hexachlorobenzene
Concen: 44.490 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:284 Resp: 147118
Ion Ratio Lower Upper
284 100
142 33.7 28.0 42.0
249 32.2 25.3 37.9





#69

Atrazine

Concen: 64.508 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

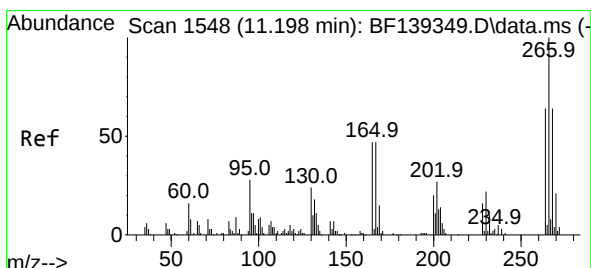
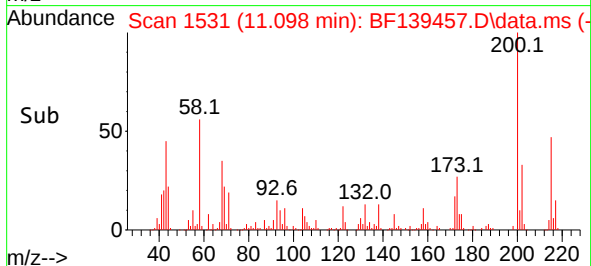
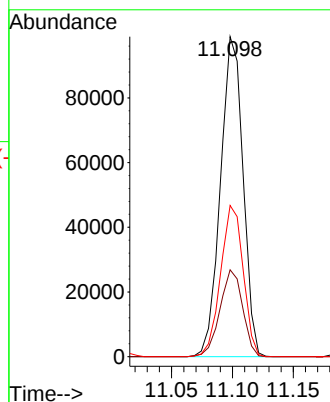
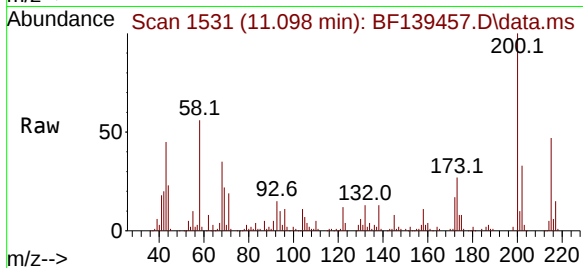
Tgt Ion:200 Resp: 127657

Ion Ratio Lower Upper

200 100

173 27.1 6.1 46.1

215 47.3 28.2 68.2



#70

Pentachlorophenol

Concen: 84.299 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

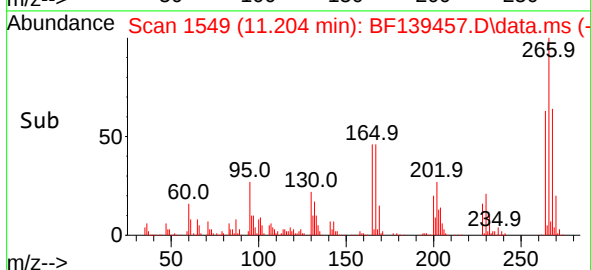
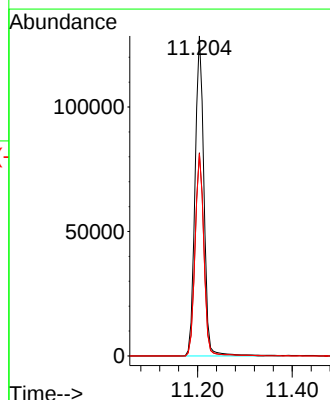
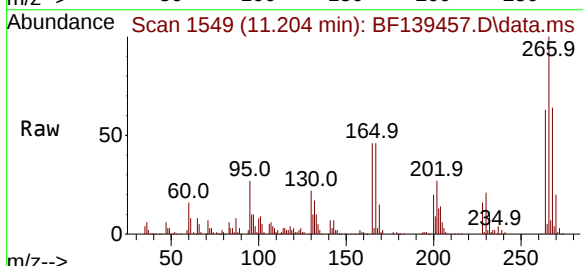
Tgt Ion:266 Resp: 167263

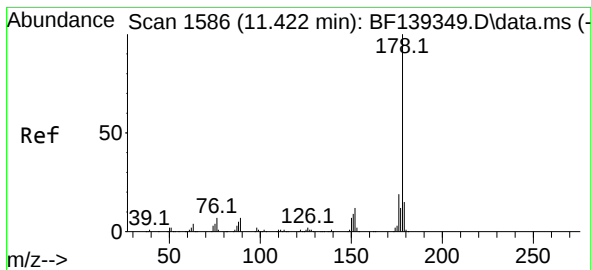
Ion Ratio Lower Upper

266 100

268 63.5 51.1 76.7

264 63.2 51.4 77.0





#71

Phenanthrene

Concen: 46.144 ng

RT: 11.427 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

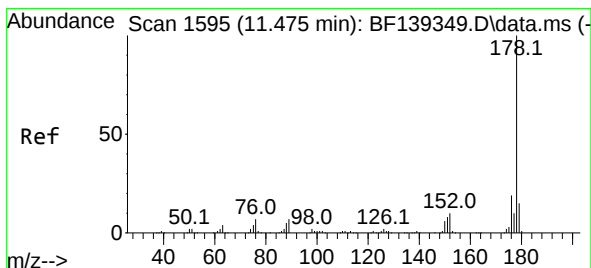
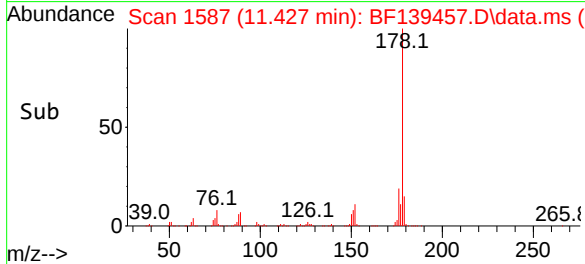
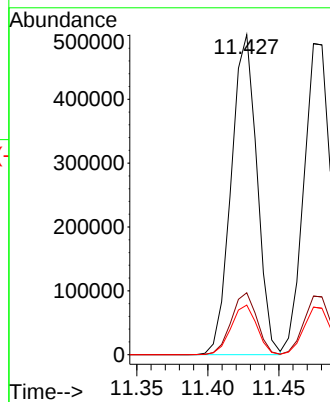
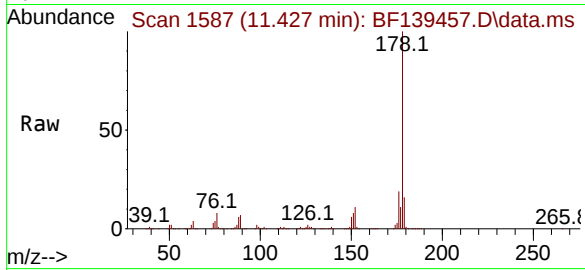
Tgt Ion:178 Resp: 632968

Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

179 15.5 12.2 18.4



#72

Anthracene

Concen: 47.576 ng

RT: 11.474 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

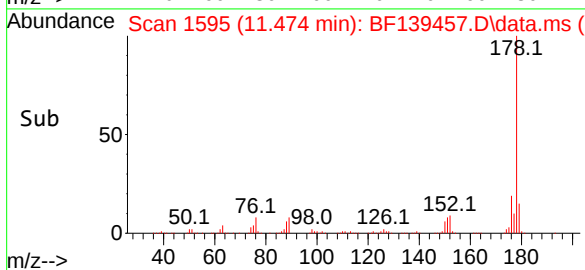
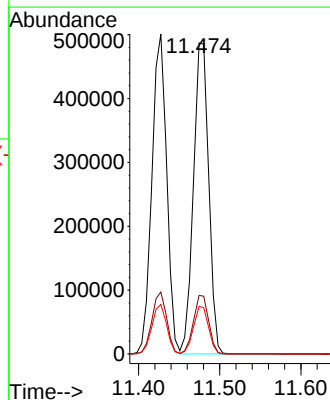
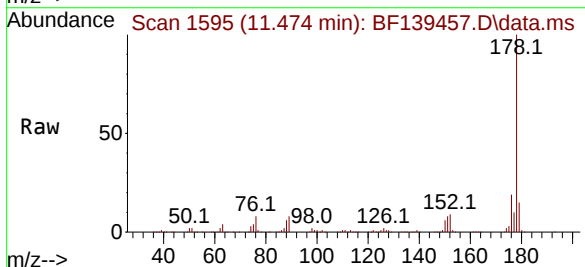
Tgt Ion:178 Resp: 638066

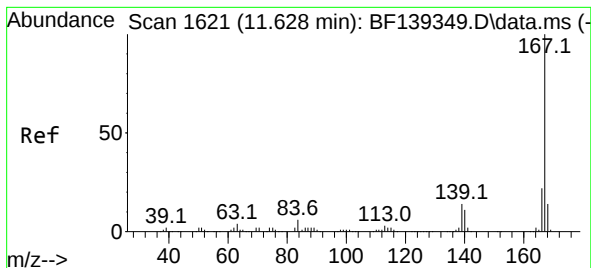
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

179 15.3 12.0 18.0





#73

Carbazole

Concen: 44.066 ng

RT: 11.633 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

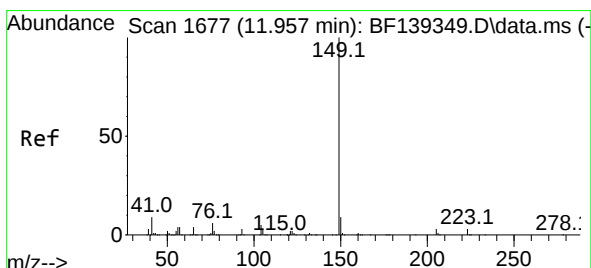
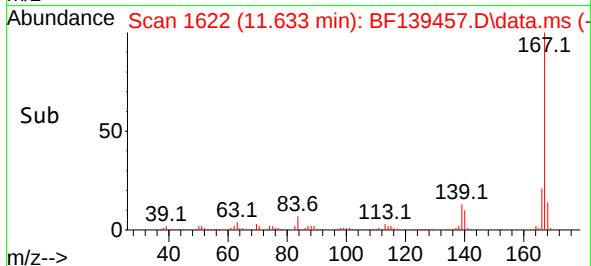
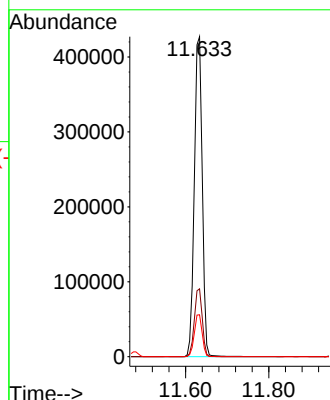
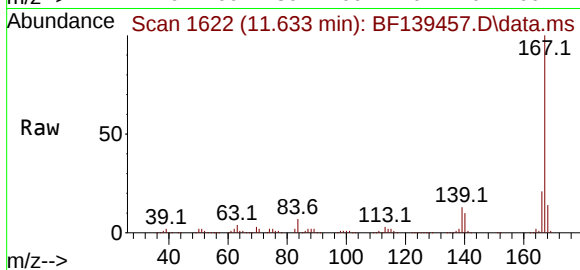
Tgt Ion:167 Resp: 565635

Ion Ratio Lower Upper

167 100

166 21.2 17.5 26.3

139 13.1 10.9 16.3



#74

Di-n-butylphthalate

Concen: 47.486 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

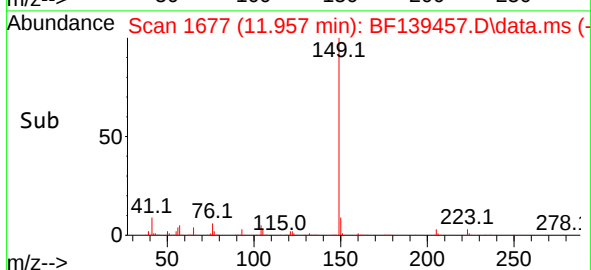
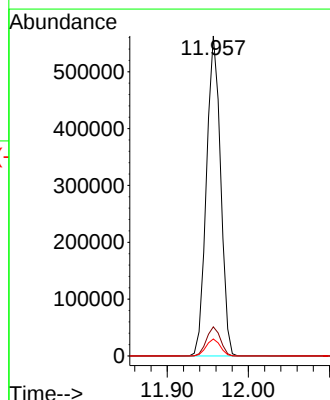
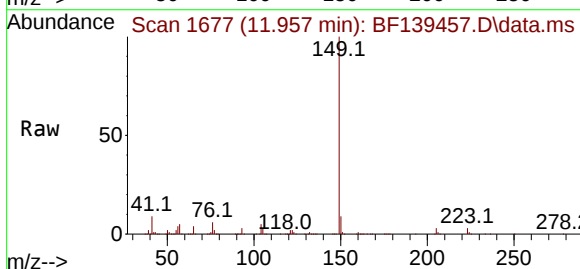
Tgt Ion:149 Resp: 679016

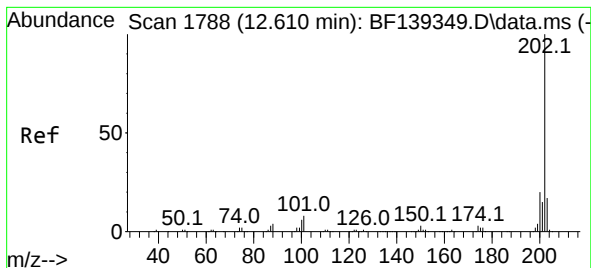
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 42.891 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

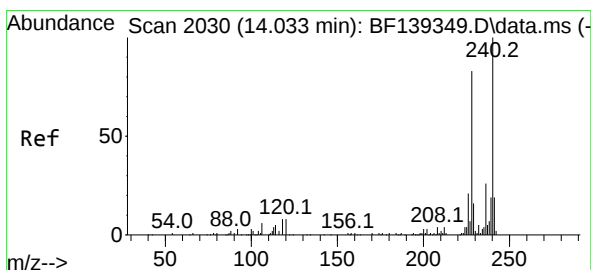
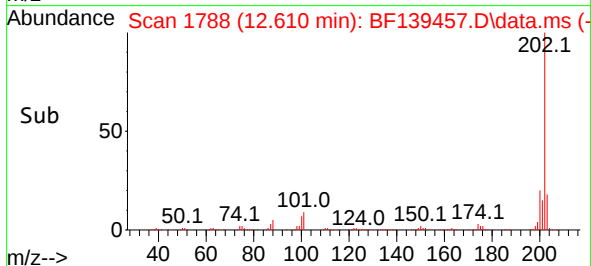
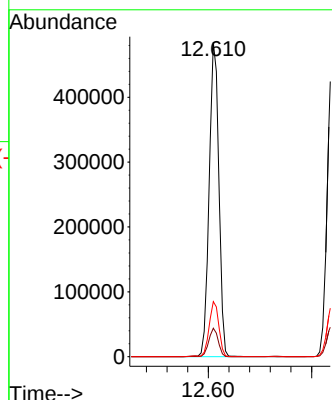
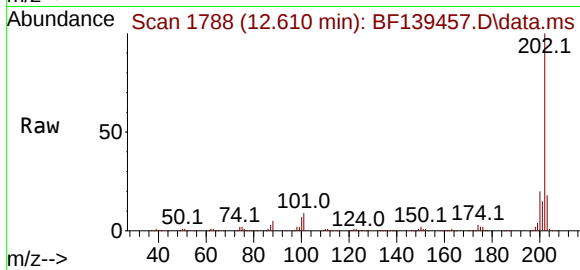
Tgt Ion:202 Resp: 628296

Ion Ratio Lower Upper

202 100

101 9.0 0.0 27.7

203 17.5 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

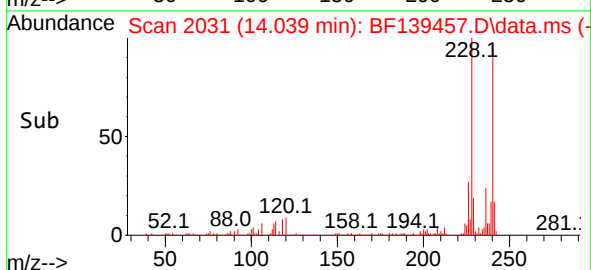
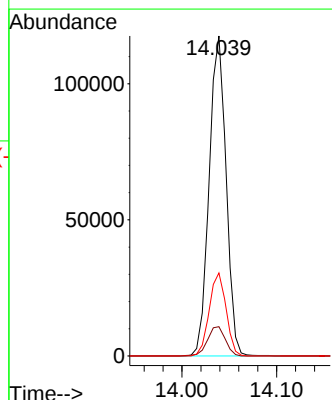
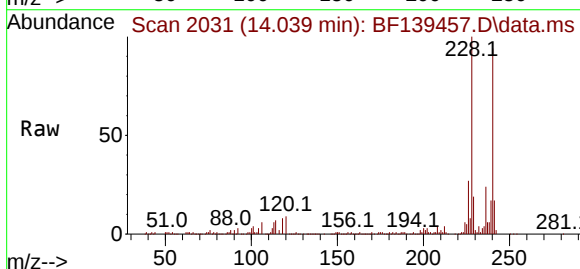
Tgt Ion:240 Resp: 146056

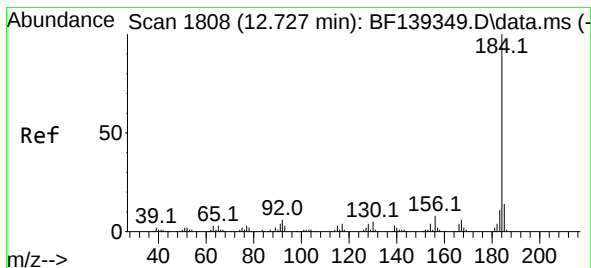
Ion Ratio Lower Upper

240 100

120 9.2 6.2 9.2

236 25.9 20.9 31.3





#77

Benzidine

Concen: 70.955 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

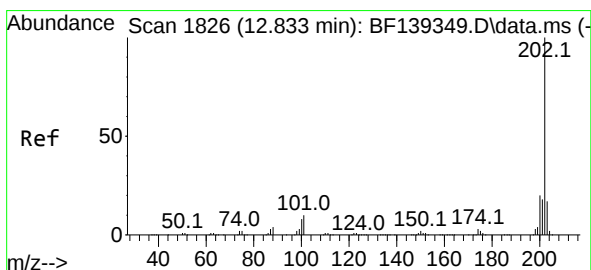
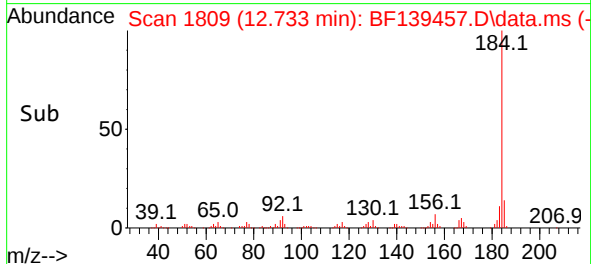
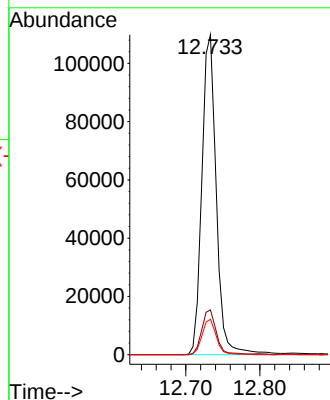
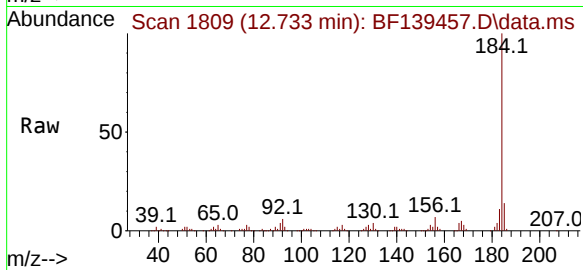
Tgt Ion:184 Resp: 148478

Ion Ratio Lower Upper

184 100

185 14.0 11.5 17.3

183 11.1 8.9 13.3



#78

Pyrene

Concen: 50.367 ng

RT: 12.839 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

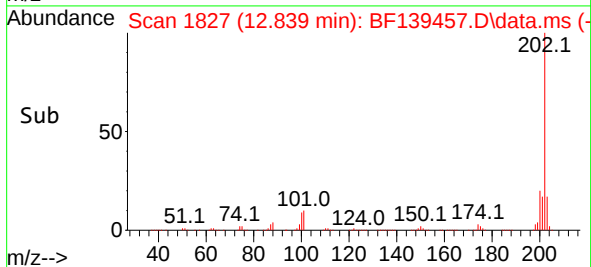
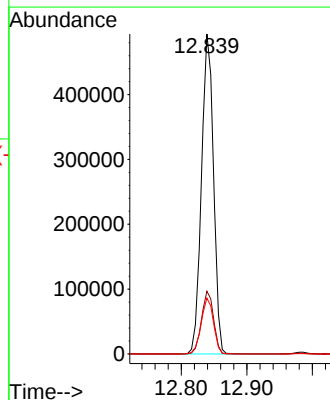
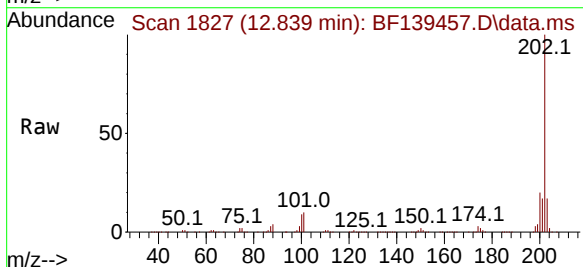
Tgt Ion:202 Resp: 631648

Ion Ratio Lower Upper

202 100

200 19.6 16.2 24.2

203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 101.493 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139457.D

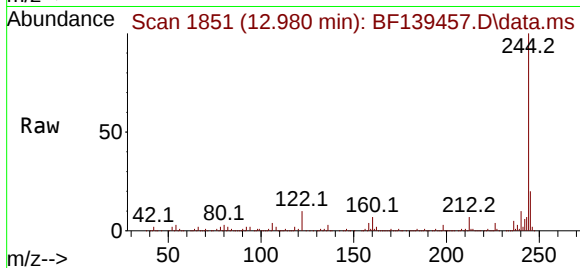
Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS



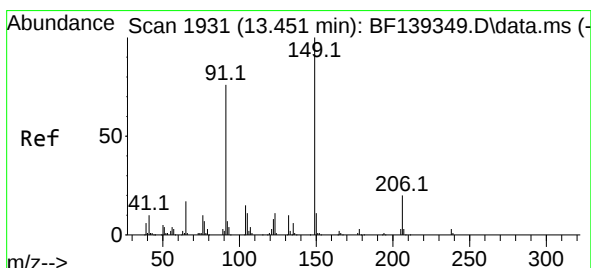
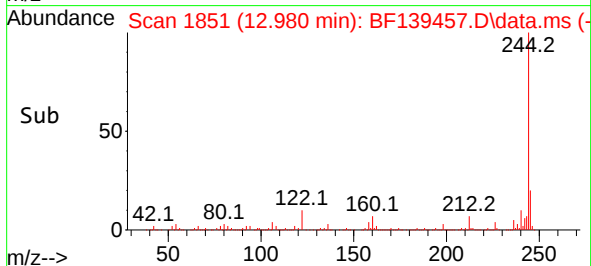
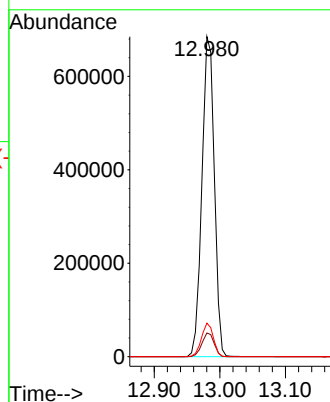
Tgt Ion:244 Resp: 903112

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 10.5 7.6 11.4



#80

Butylbenzylphthalate

Concen: 51.038 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

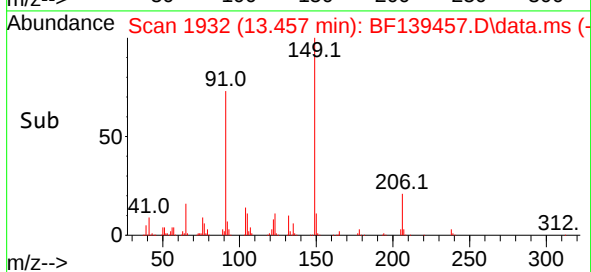
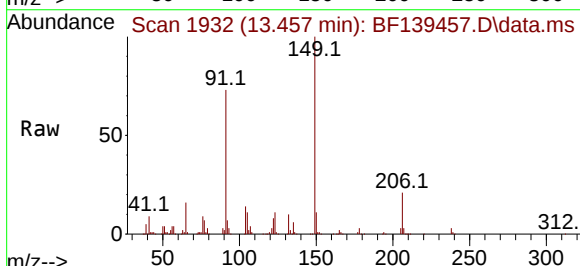
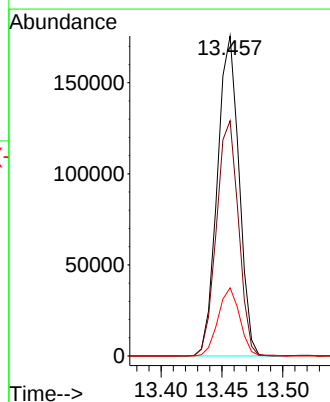
Tgt Ion:149 Resp: 217862

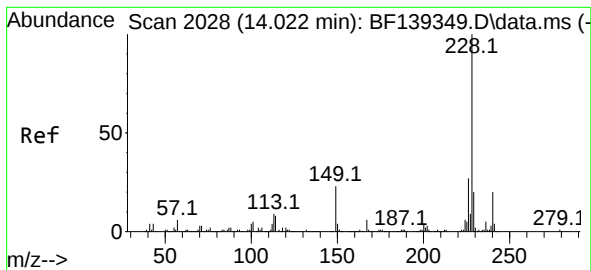
Ion Ratio Lower Upper

149 100

91 73.5 60.9 91.3

206 21.3 15.8 23.8





#81

Benzo(a)anthracene

Concen: 47.347 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

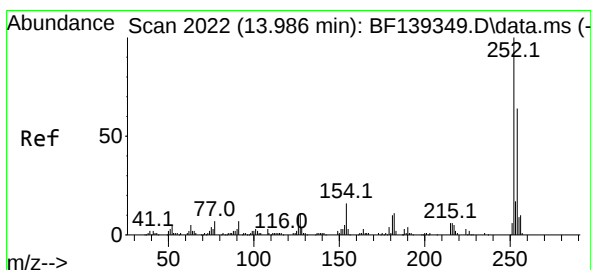
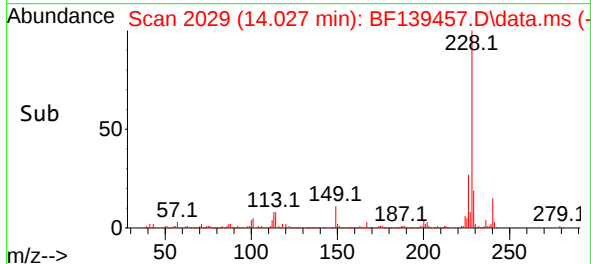
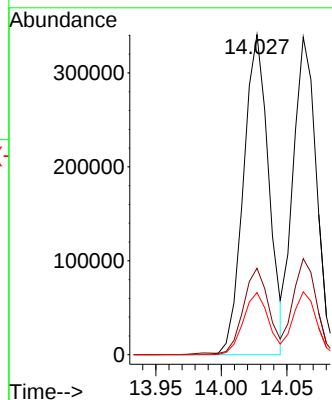
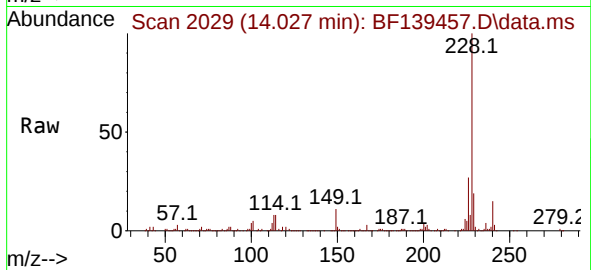
Tgt Ion:228 Resp: 458067

Ion Ratio Lower Upper

228 100

226 27.0 21.6 32.4

229 19.4 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 40.245 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

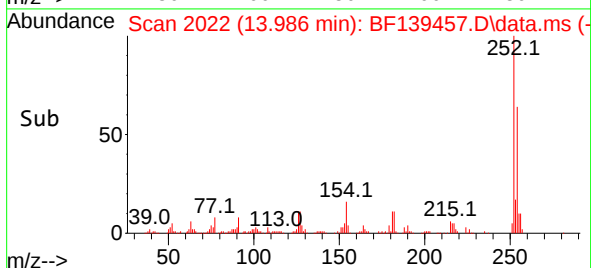
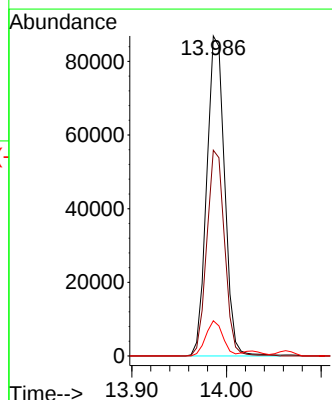
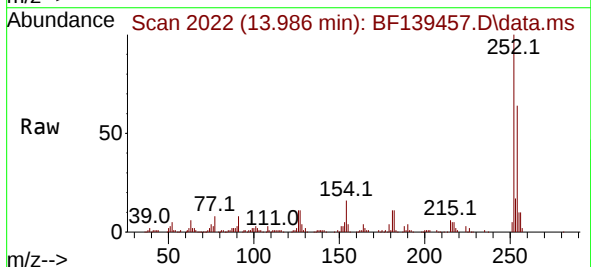
Tgt Ion:252 Resp: 114025

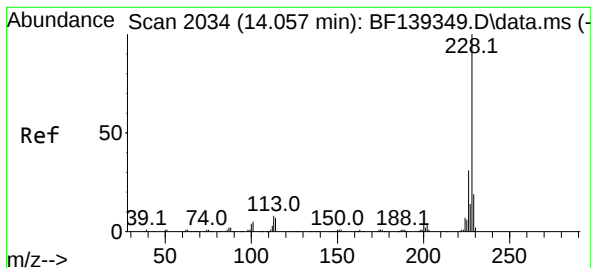
Ion Ratio Lower Upper

252 100

254 64.3 51.4 77.2

126 11.0 7.7 11.5





#83

Chrysene

Concen: 46.883 ng

RT: 14.062 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

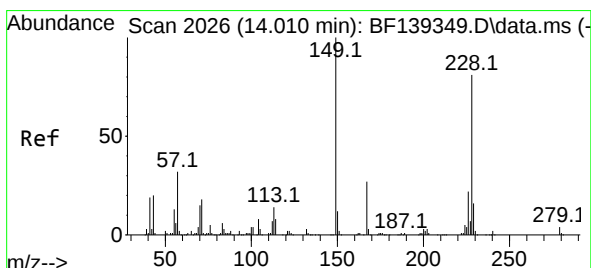
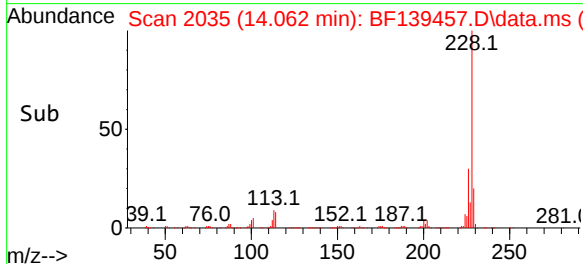
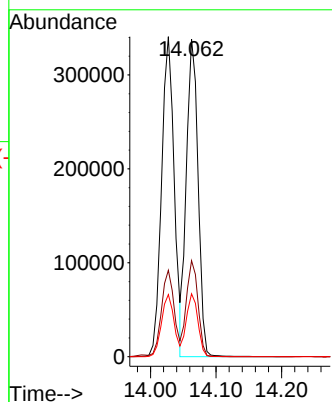
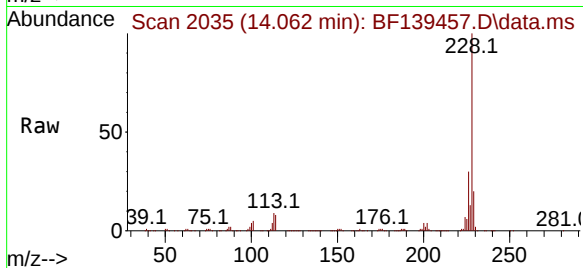
Tgt Ion:228 Resp: 417292

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 19.8 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.380 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

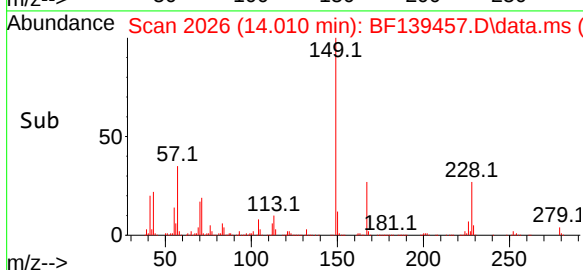
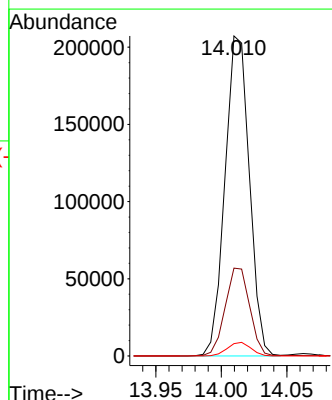
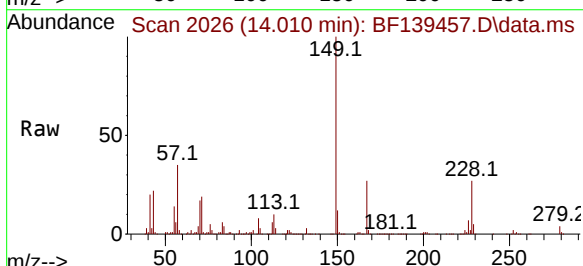
Tgt Ion:149 Resp: 268150

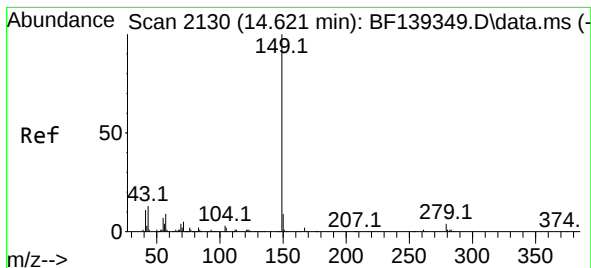
Ion Ratio Lower Upper

149 100

167 27.4 21.6 32.4

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 51.213 ng

RT: 14.627 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

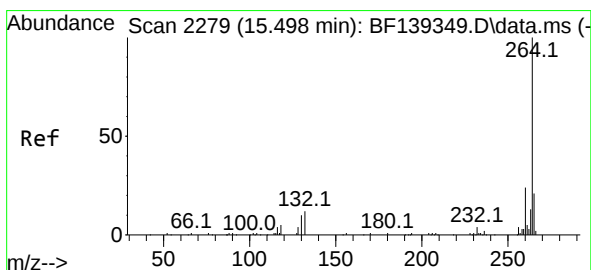
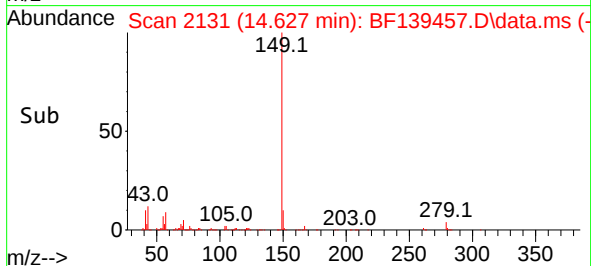
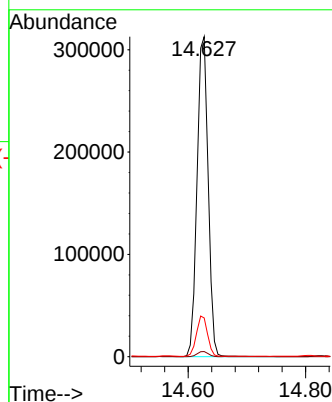
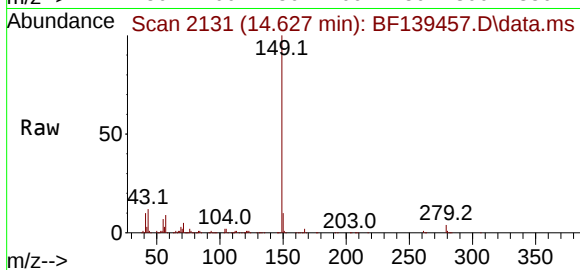
Tgt Ion:149 Resp: 409565

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.5 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

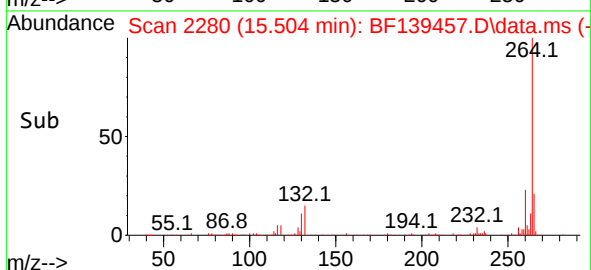
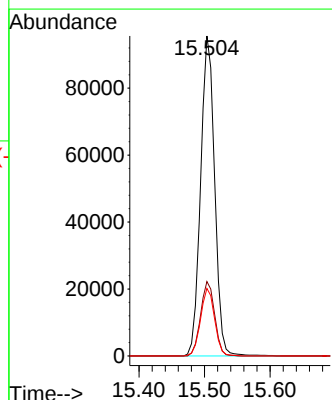
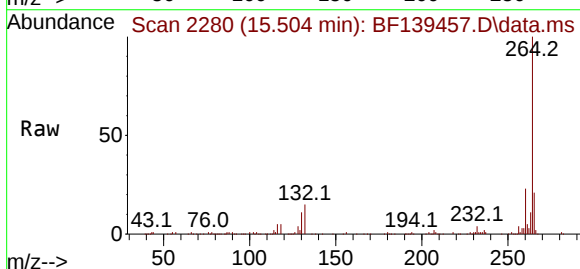
Tgt Ion:264 Resp: 142593

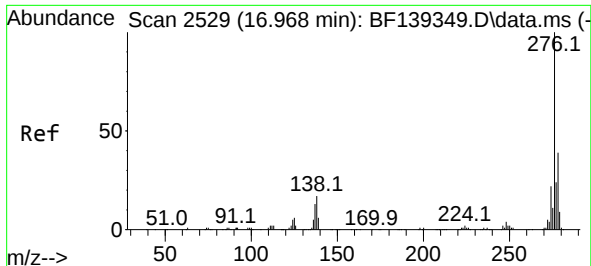
Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.1 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.228 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.017 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

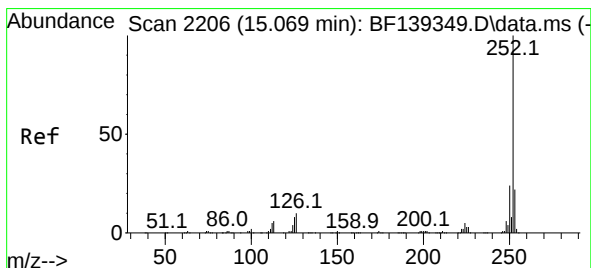
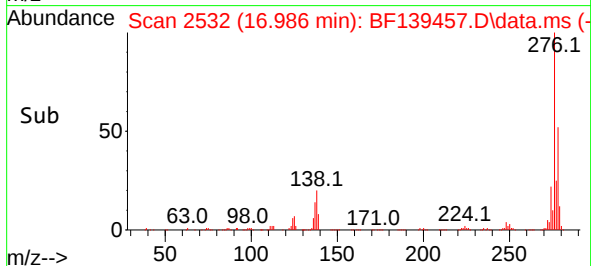
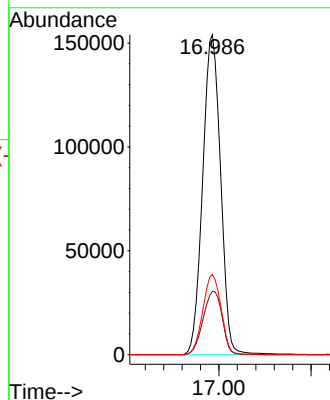
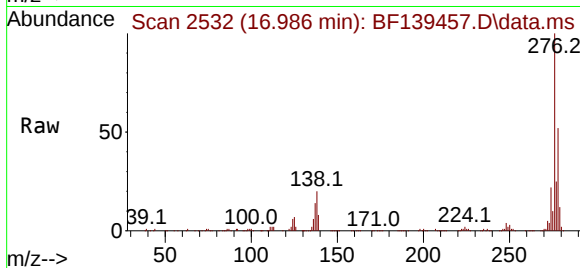
Tgt Ion:276 Resp: 417402

Ion Ratio Lower Upper

276 100

138 21.2 15.4 23.2

277 25.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 47.296 ng

RT: 15.074 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

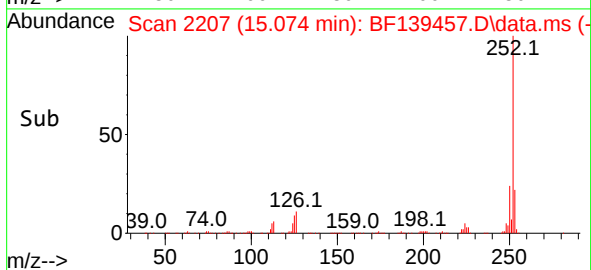
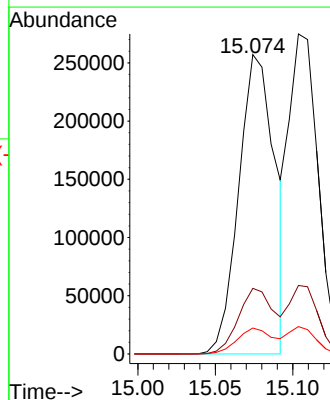
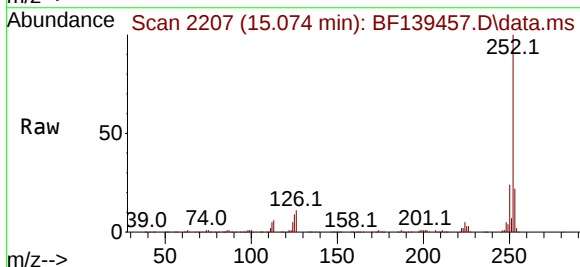
Tgt Ion:252 Resp: 415935

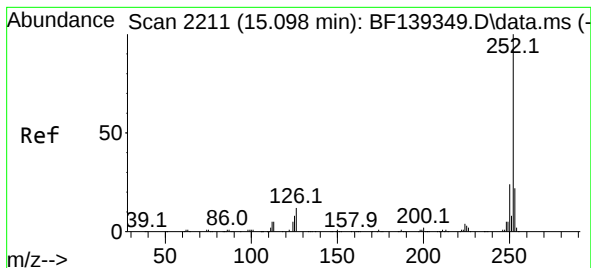
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 8.6 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 44.594 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB163486BS

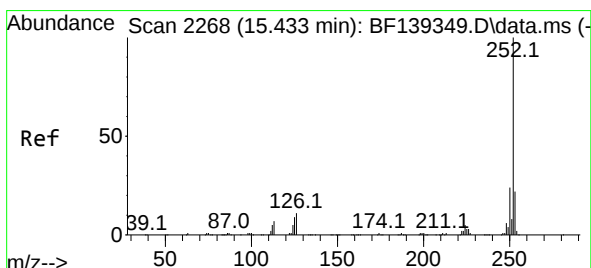
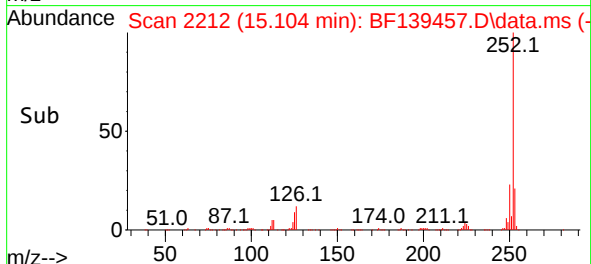
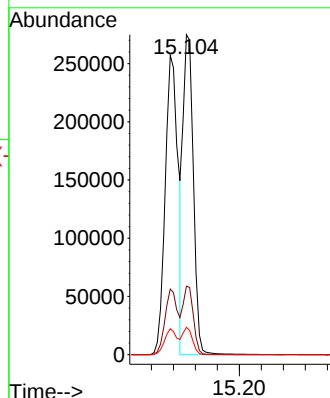
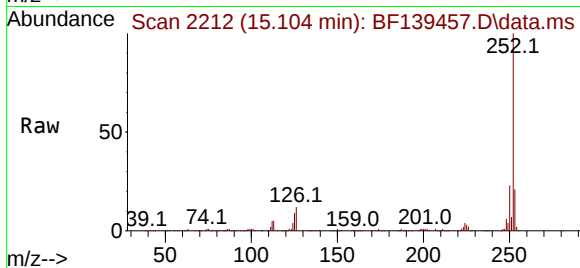
Tgt Ion:252 Resp: 361589

Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 8.5 5.9 8.9



#90

Benzo(a)pyrene

Concen: 50.653 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.012 min

Lab File: BF139457.D

Acq: 19 Sep 2024 11:32

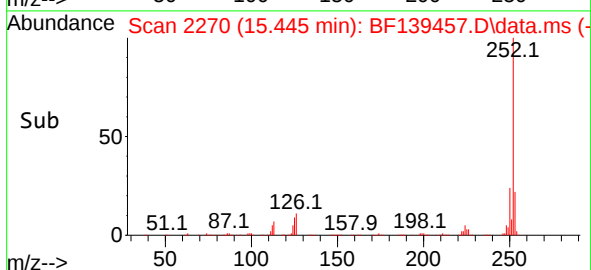
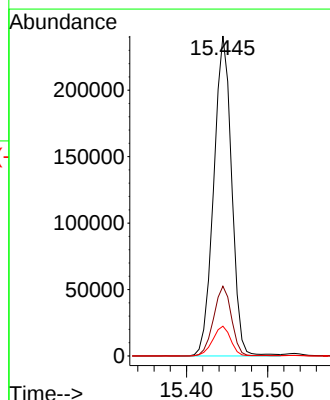
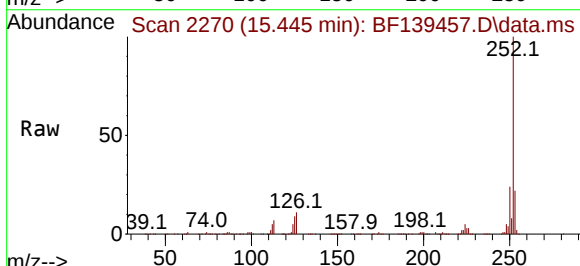
Tgt Ion:252 Resp: 369436

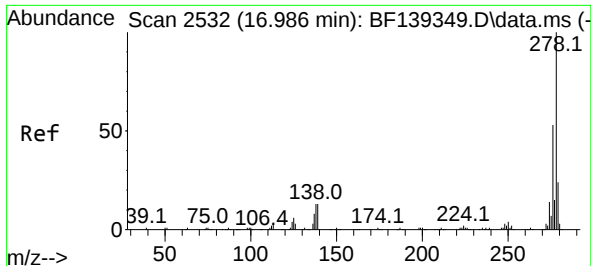
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 9.3 6.8 10.2

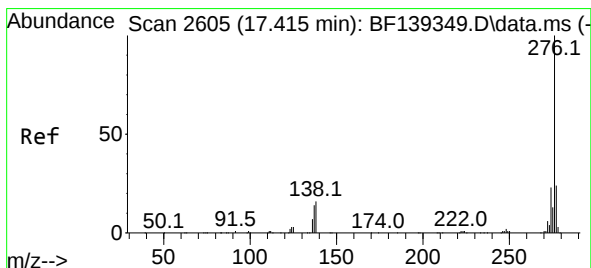
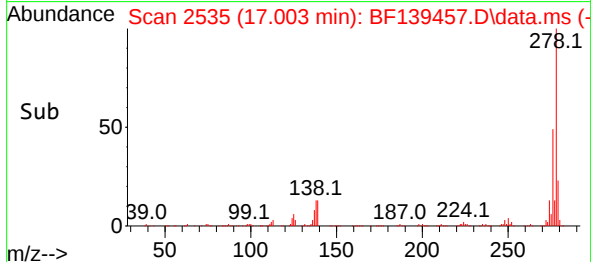
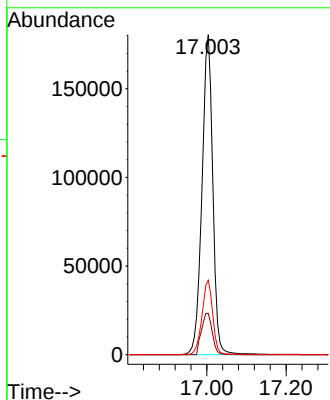
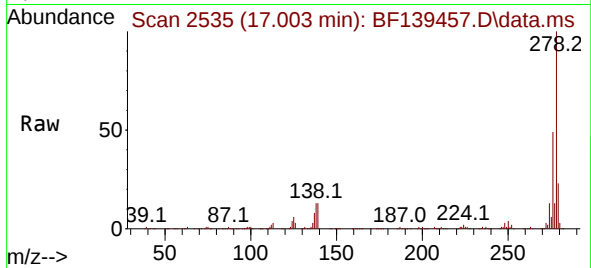




#91
Dibenzo(a,h)anthracene
Concen: 48.940 ng
RT: 17.003 min Scan# 21
Delta R.T. 0.017 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Instrument :
BNA_F
ClientSampleId :
PB163486BS

Tgt Ion:278 Resp: 342890
Ion Ratio Lower Upper
278 100
139 12.9 10.2 15.2
279 23.2 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 45.275 ng
RT: 17.433 min Scan# 2608
Delta R.T. 0.017 min
Lab File: BF139457.D
Acq: 19 Sep 2024 11:32

Tgt Ion:276 Resp: 314087
Ion Ratio Lower Upper
276 100
277 22.9 18.9 28.3
138 18.0 13.0 19.6

