

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135645.D
 Acq On : 09 Oct 2023 11:16
 Operator : CG\JU
 Sample : PB156178BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156053BS

Quant Time: Oct 09 12:06:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	137376	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	526770	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	257558	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	508261	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	271300	20.000	ng	0.01
86) Perylene-d12	15.404	264	258903	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1063356	125.895	ng	0.02
7) Phenol-d6	6.398	99	1324958	123.366	ng	0.01
23) Nitrobenzene-d5	7.310	82	863792	89.089	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	333563	130.323	ng	0.01
45) 2-Fluorobiphenyl	9.104	172	1456090	85.295	ng	0.00
79) Terphenyl-d14	12.874	244	1542201	88.120	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.522	88	142731	38.548	ng	96
3) Pyridine	3.293	79	364354	36.562	ng	97
4) n-Nitrosodimethylamine	3.240	42	248129	46.921	ng	100
6) Aniline	6.410	93	424643	30.151	ng	# 1
8) 2-Chlorophenol	6.534	128	429272	47.609	ng	97
9) Benzaldehyde	6.298	77	86607	14.155	ng	97
10) Phenol	6.410	94	491558	41.739	ng	82
11) bis(2-Chloroethyl)ether	6.486	93	414955	46.973	ng	99
12) 1,3-Dichlorobenzene	6.681	146	417811	45.595	ng	97
13) 1,4-Dichlorobenzene	6.757	146	424975	45.584	ng	100
14) 1,2-Dichlorobenzene	6.910	146	390383	45.090	ng	97
15) Benzyl Alcohol	6.898	79	341782	44.347	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.022	45	743192	44.633	ng	77
17) 2-Methylphenol	7.010	107	334027	41.980	ng	# 91
18) Hexachloroethane	7.245	117	156317	45.379	ng	96
19) n-Nitroso-di-n-propyla...	7.163	70	279025	41.944	ng	99
20) 3+4-Methylphenols	7.169	107	414767	43.351	ng	# 66
22) Acetophenone	7.157	105	548191	45.518	ng	93
24) Nitrobenzene	7.328	77	439640	45.875	ng	98
25) Isophorone	7.569	82	818319	45.962	ng	99
26) 2-Nitrophenol	7.645	139	226541	49.253	ng	96
27) 2,4-Dimethylphenol	7.686	122	332475	43.004	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	509585	47.820	ng	100
29) 2,4-Dichlorophenol	7.892	162	340280	47.500	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	351446	46.935	ng	98
31) Naphthalene	8.045	128	1172644	45.817	ng	100
32) Benzoic acid	7.845	122	257044	44.153	ng	95
33) 4-Chloroaniline	8.104	127	311821	27.769	ng	99
34) Hexachlorobutadiene	8.151	225	202480	44.846	ng	98
35) Caprolactam	8.480	113	71263	29.640	ng	96
36) 4-Chloro-3-methylphenol	8.604	107	366758	46.063	ng	95
37) 2-Methylnaphthalene	8.733	142	719923	41.845	ng	100
38) 1-Methylnaphthalene	8.833	142	699826	43.448	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	345039	46.241	ng	99
41) Hexachlorocyclopentadiene	8.880	237	161991	52.106	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	225190	46.094	ng	98

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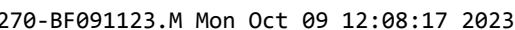
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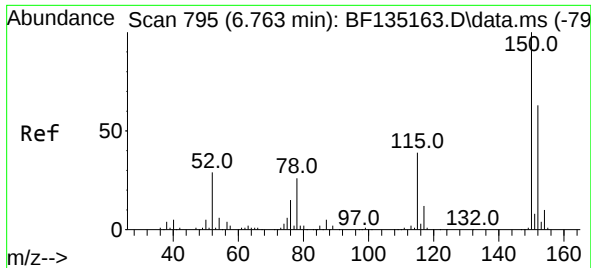
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	237401	42.196	ng	99
46) 1,1'-Biphenyl	9.204	154	911340	46.044	ng	99
47) 2-Chloronaphthalene	9.227	162	679113	47.289	ng	97
48) 2-Nitroaniline	9.339	65	271975	48.748	ng	97
49) Acenaphthylene	9.645	152	1104727	46.287	ng	99
50) Dimethylphthalate	9.510	163	809414	46.482	ng	100
51) 2,6-Dinitrotoluene	9.580	165	178388	46.763	ng	97
52) Acenaphthene	9.816	154	653459	46.347	ng	97
53) 3-Nitroaniline	9.751	138	164414	36.717	ng	99
54) 2,4-Dinitrophenol	9.874	184	187388	86.019	ng	93
55) Dibenzofuran	9.992	168	945552	43.948	ng	100
56) 4-Nitrophenol	9.945	139	211029	74.152	ng	91
57) 2,4-Dinitrotoluene	9.998	165	219387	45.938	ng	# 88
58) Fluorene	10.333	166	771025	46.616	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.116	232	206589	47.734	ng	96
60) Diethylphthalate	10.216	149	832028	47.610	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	359727	45.275	ng	96
62) 4-Nitroaniline	10.380	138	201605	46.838	ng	93
63) Azobenzene	10.486	77	835534	48.851	ng	96
65) 4,6-Dinitro-2-methylph...	10.410	198	123109	45.604	ng	95
66) n-Nitrosodiphenylamine	10.451	169	702116	45.629	ng	98
67) 4-Bromophenyl-phenylether	10.816	248	225396	44.588	ng	94
68) Hexachlorobenzene	10.886	284	247324	48.025	ng	95
69) Atrazine	10.986	200	225163	54.383	ng	98
70) Pentachlorophenol	11.092	266	211924	68.780	ng	99
71) Phenanthrene	11.304	178	1134496	47.195	ng	99
72) Anthracene	11.357	178	1152613	46.647	ng	99
73) Carbazole	11.516	167	1134054	50.418	ng	99
74) Di-n-butylphthalate	11.845	149	1319333	49.777	ng	100
75) Fluoranthene	12.498	202	1212167	48.394	ng	98
77) Benzidine	12.627	184	347843	62.583	ng	99
78) Pyrene	12.727	202	1232120	47.701	ng	100
80) Butylbenzylphthalate	13.351	149	501749	55.172	ng	97
81) Benzo(a)anthracene	13.927	228	850391	48.542	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	236538	43.227	ng	98
83) Chrysene	13.962	228	804463	46.187	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	596657	63.935	ng	99
85) Di-n-octyl phthalate	14.527	149	834366	56.259	ng	100
87) Indeno(1,2,3-cd)pyrene	16.909	276	853555	50.282	ng	97
88) Benzo(b)fluoranthene	14.980	252	660282	47.111	ng	# 98
89) Benzo(k)fluoranthene	15.009	252	646584	46.703	ng	98
90) Benzo(a)pyrene	15.345	252	609479	45.601	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	693902	49.959	ng	100
92) Benzo(g,h,i)perylene	17.356	276	733828	50.589	ng	99

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

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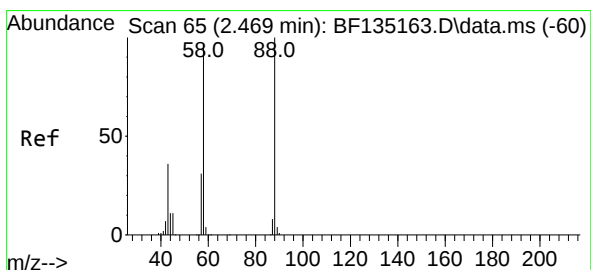
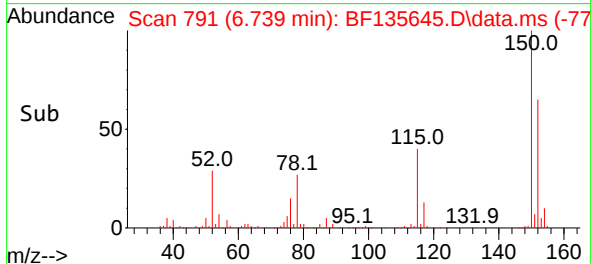
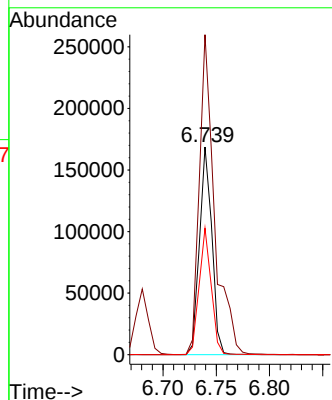
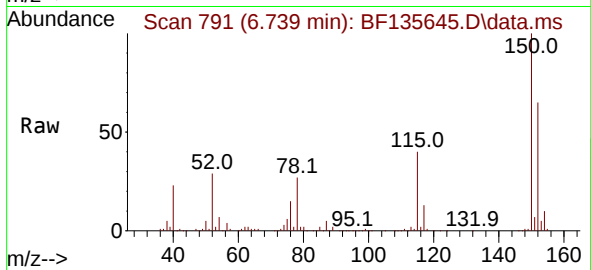




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: BF135645.D
 Acq: 09 Oct 2023 11:16

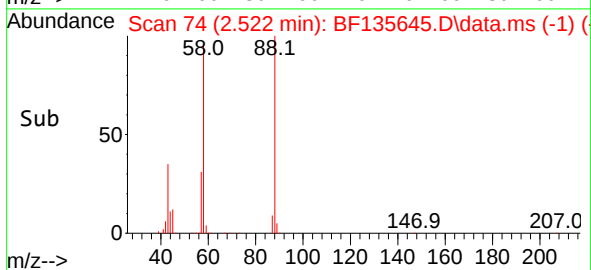
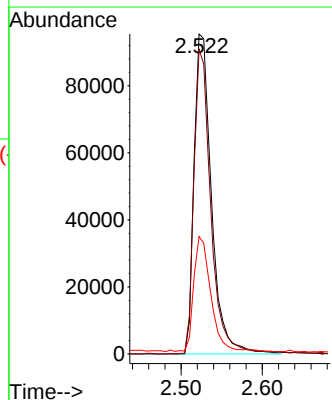
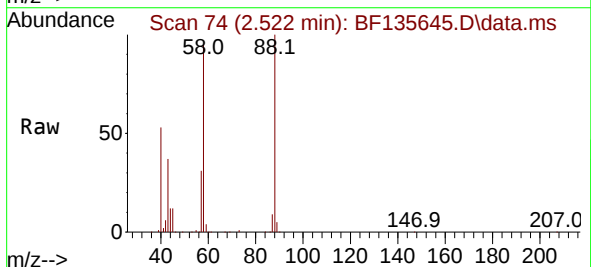
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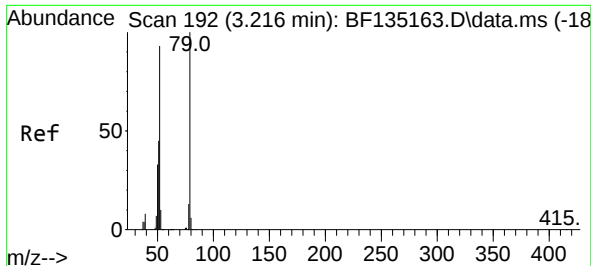
Tgt Ion:152 Resp: 137376
 Ion Ratio Lower Upper
 152 100
 150 154.1 127.8 191.6
 115 60.9 49.8 74.8



#2
 1,4-Dioxane
 Concen: 38.548 ng
 RT: 2.522 min Scan# 74
 Delta R.T. 0.100 min
 Lab File: BF135645.D
 Acq: 09 Oct 2023 11:16

Tgt Ion: 88 Resp: 142731
 Ion Ratio Lower Upper
 88 100
 58 92.8 78.3 117.5
 43 35.2 29.4 44.0

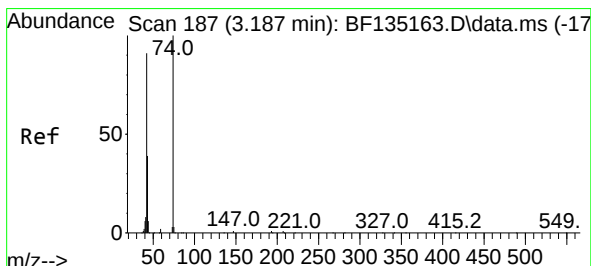
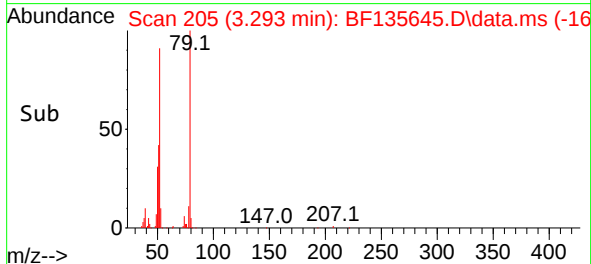
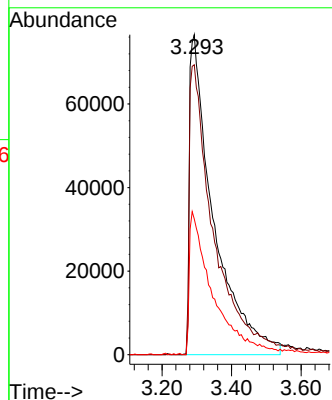
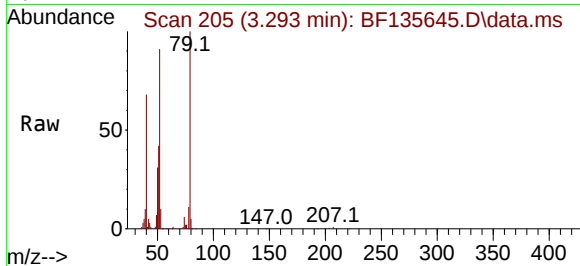




#3
Pyridine
Concen: 36.562 ng
RT: 3.293 min Scan# 20
Delta R.T. 0.129 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

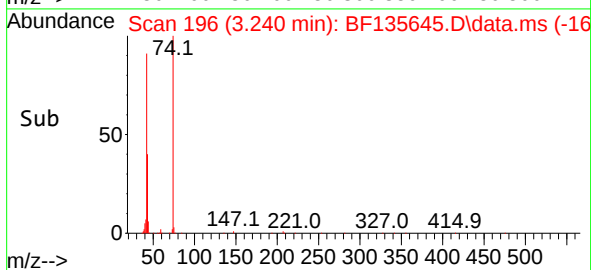
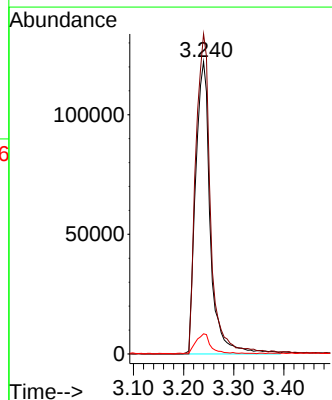
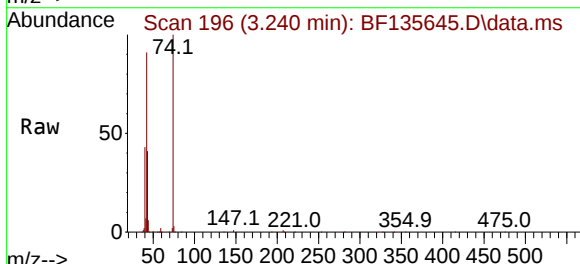
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ClientSampleId :
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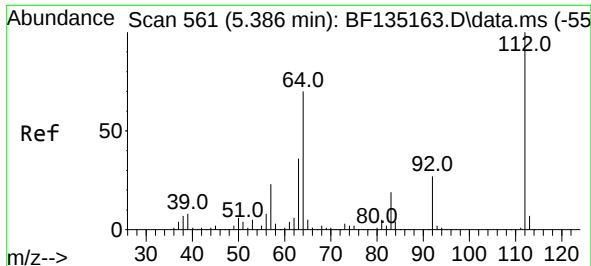
Tgt Ion: 79 Resp: 364354
Ion Ratio Lower Upper
79 100
52 90.6 74.1 111.1
51 42.4 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 46.921 ng
RT: 3.240 min Scan# 196
Delta R.T. 0.106 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion: 42 Resp: 248129
Ion Ratio Lower Upper
42 100
74 109.5 87.7 131.5
44 6.9 5.6 8.4

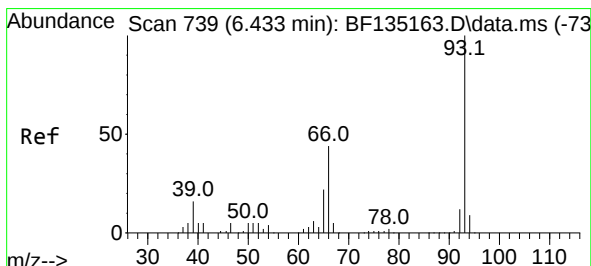
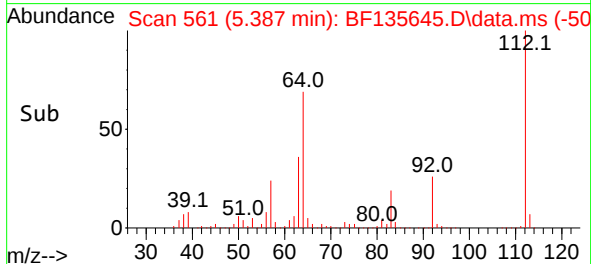
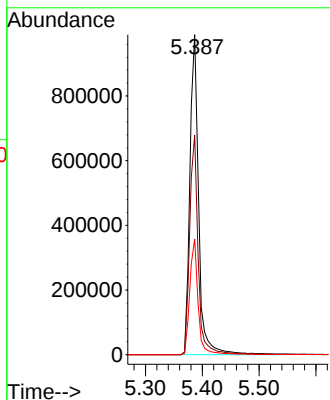
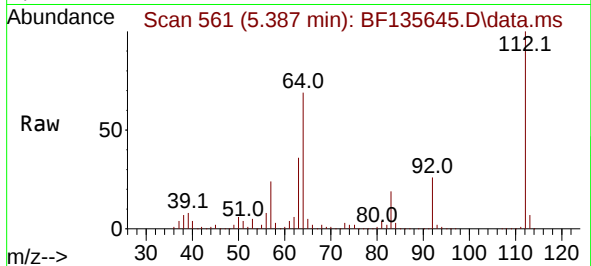




#5
2-Fluorophenol
Concen: 125.895 ng
RT: 5.387 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

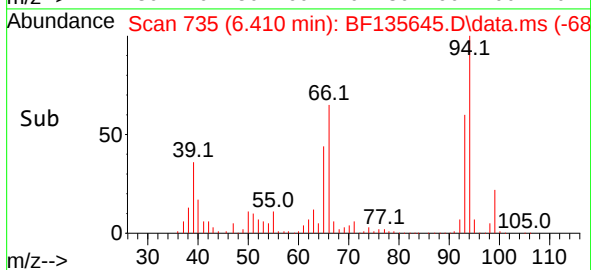
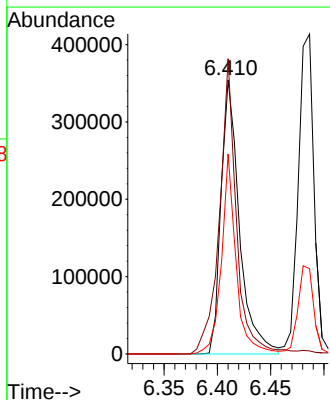
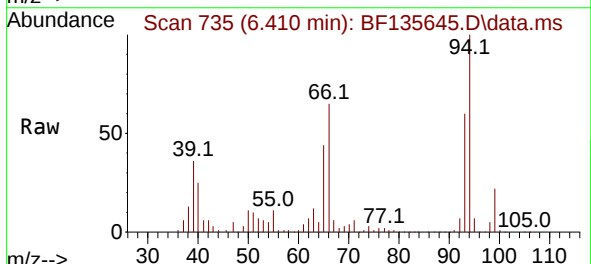
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ClientSampleId :
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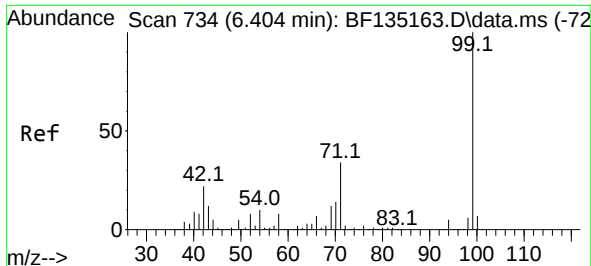
Tgt Ion:112 Resp: 1063356
Ion Ratio Lower Upper
112 100
64 68.6 55.9 83.9
63 36.2 29.0 43.6



#6
Aniline
Concen: 30.151 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.000 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion: 93 Resp: 424643
Ion Ratio Lower Upper
93 100
66 107.7 35.4 53.0#
65 73.0 17.8 26.8#

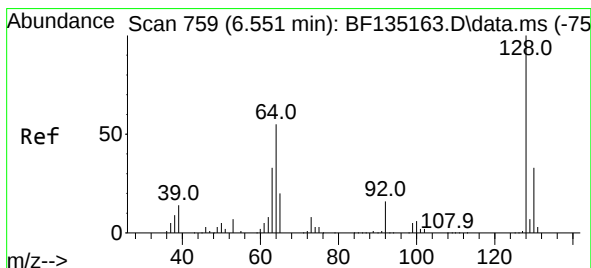
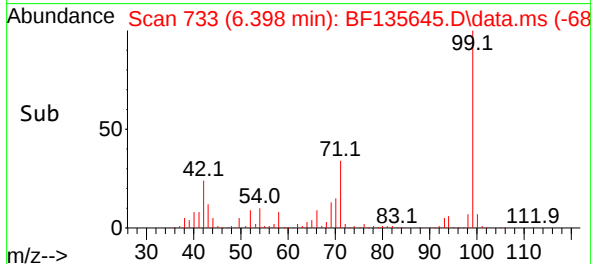
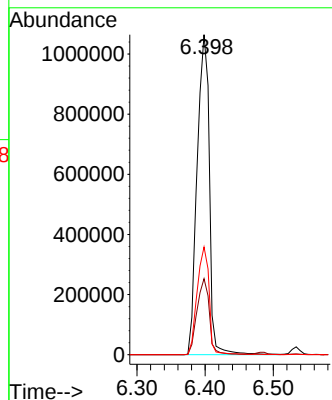
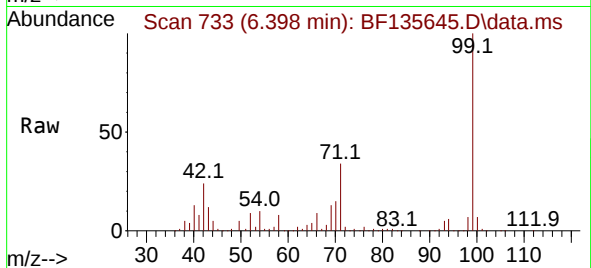




#7
Phenol-d6
Concen: 123.366 ng
RT: 6.398 min Scan# 711
Delta R.T. 0.012 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

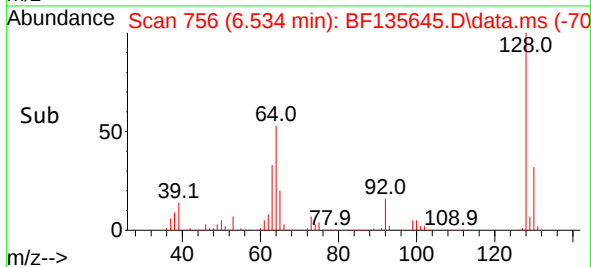
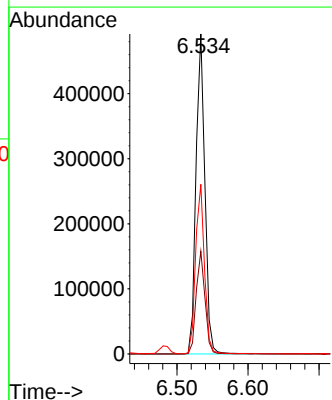
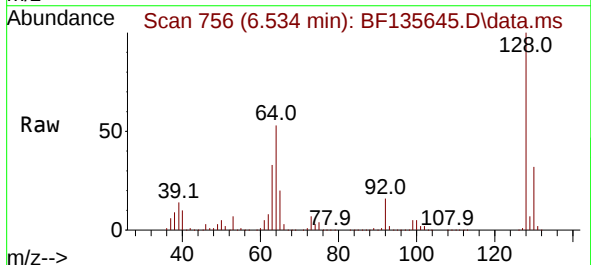
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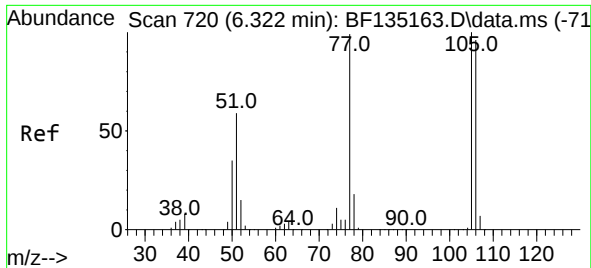
Tgt Ion: 99 Resp: 1324958
Ion Ratio Lower Upper
99 100
42 23.8 17.9 26.9
71 33.7 27.0 40.6



#8
2-Chlorophenol
Concen: 47.609 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion:128 Resp: 429272
Ion Ratio Lower Upper
128 100
130 32.1 12.7 52.7
64 53.0 35.9 75.9





#9

Benzaldehyde

Concen: 14.155 ng

RT: 6.298 min Scan# 716

Delta R.T. -0.000 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB156053BS

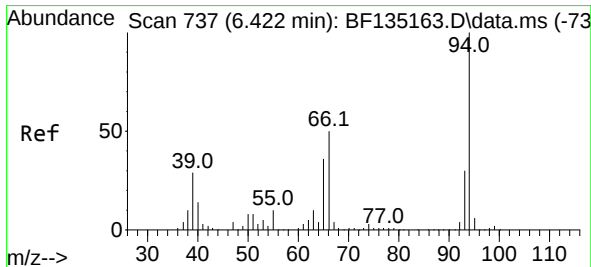
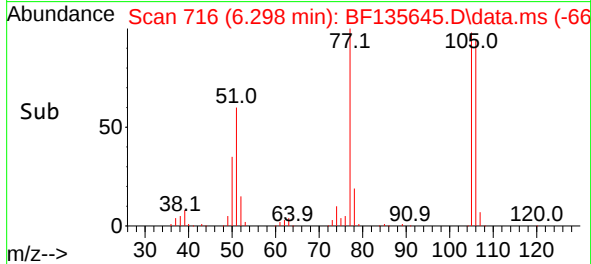
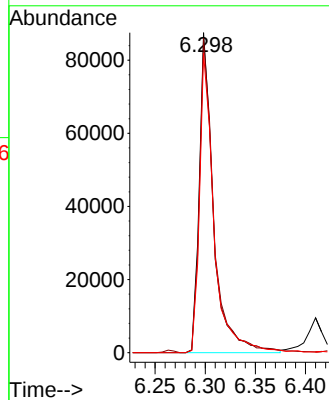
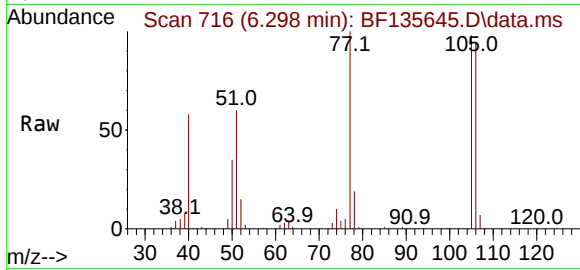
Tgt Ion: 77 Resp: 86607

Ion Ratio Lower Upper

77 100

105 98.2 81.4 121.4

106 93.6 76.9 116.9



#10

Phenol

Concen: 41.739 ng

RT: 6.410 min Scan# 735

Delta R.T. 0.006 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

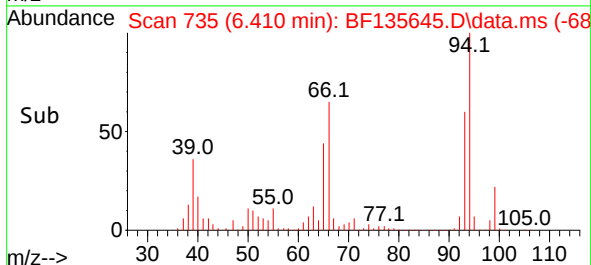
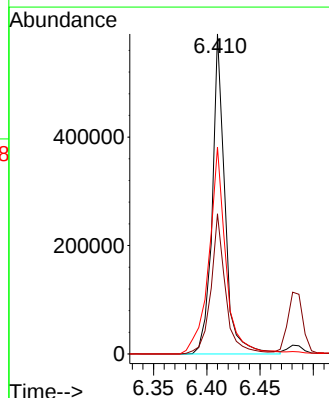
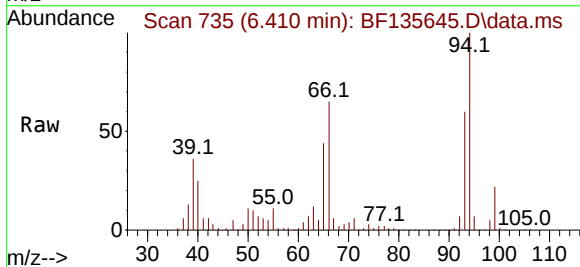
Tgt Ion: 94 Resp: 491558

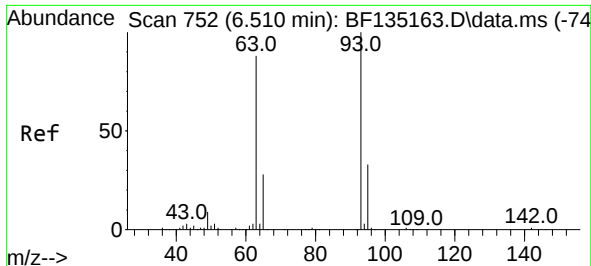
Ion Ratio Lower Upper

94 100

65 43.8 15.9 55.9

66 64.7 29.8 69.8

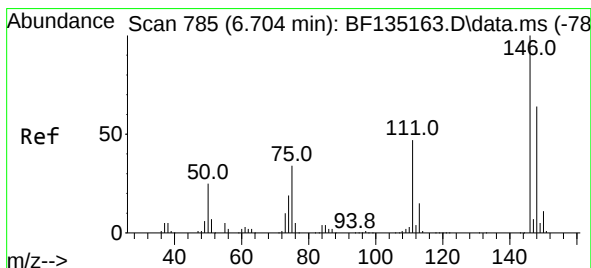
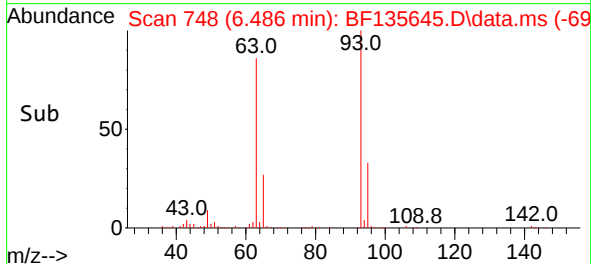
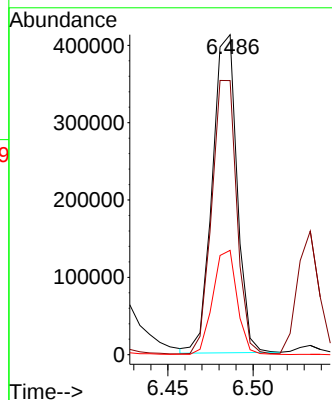
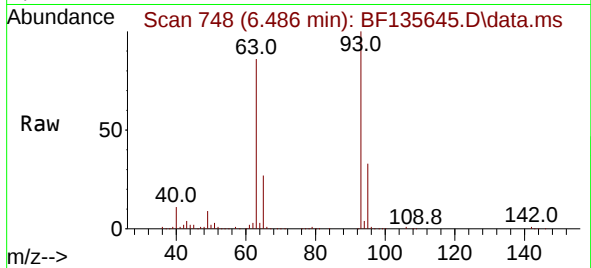




#11
bis(2-Chloroethyl)ether
Concen: 46.973 ng
RT: 6.486 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

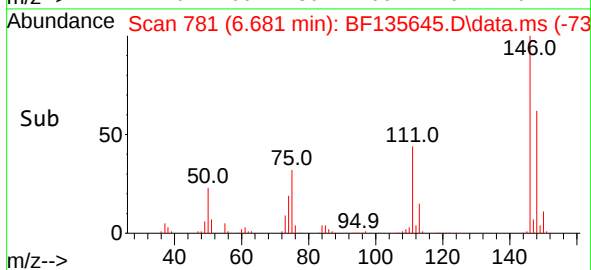
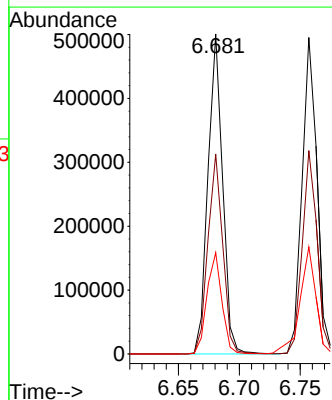
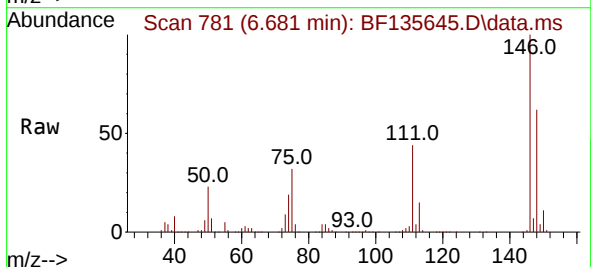
Instrument :
BNA_F
ClientSampleId :
PB156053BS

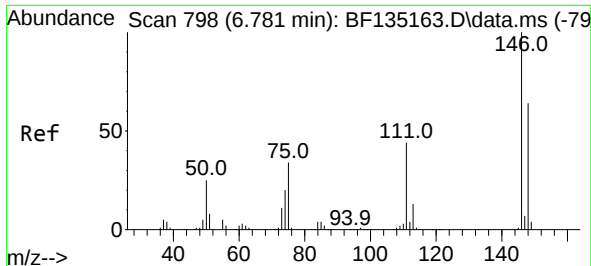
Tgt Ion: 93 Resp: 414955
Ion Ratio Lower Upper
93 100
63 85.7 67.3 107.3
95 32.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 45.595 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion:146 Resp: 417811
Ion Ratio Lower Upper
146 100
148 62.5 51.3 76.9
75 31.7 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 45.584 ng

RT: 6.757 min Scan# 798

Delta R.T. -0.000 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB156053BS

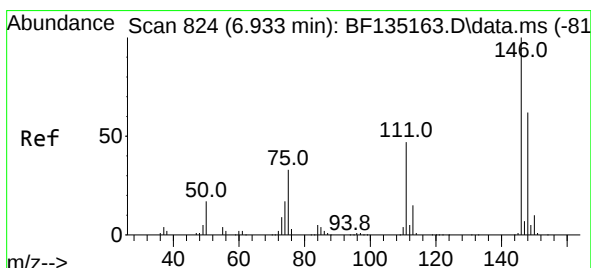
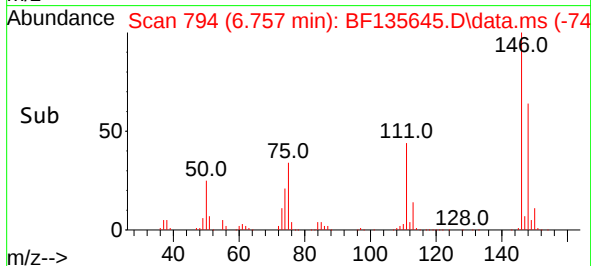
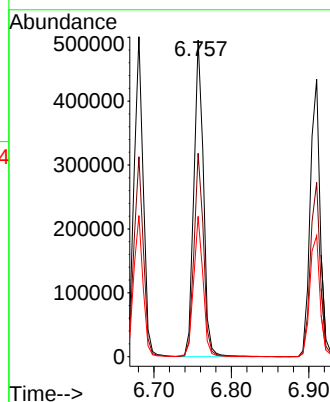
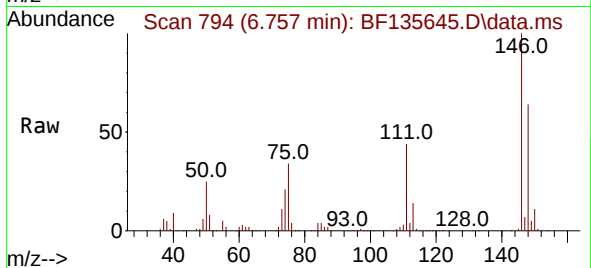
Tgt Ion:146 Resp: 424975

Ion Ratio Lower Upper

146 100

148 64.3 51.3 76.9

111 44.3 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 45.090 ng

RT: 6.910 min Scan# 820

Delta R.T. -0.000 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

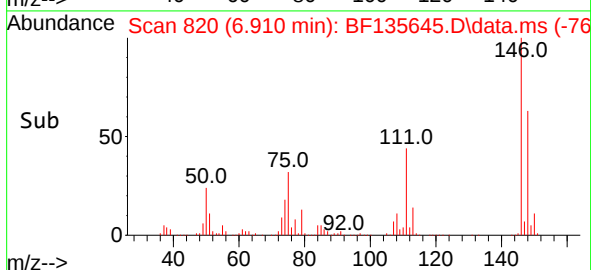
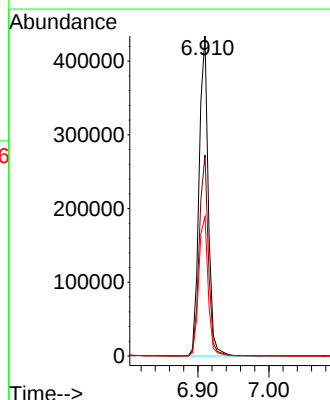
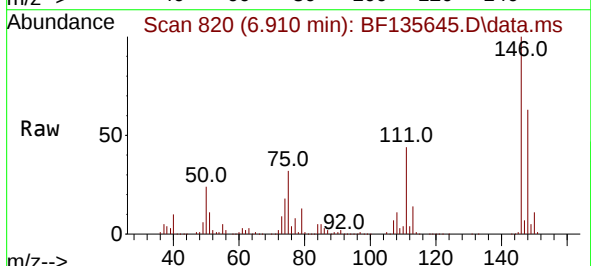
Tgt Ion:146 Resp: 390383

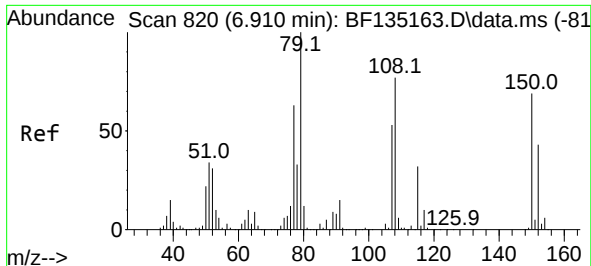
Ion Ratio Lower Upper

146 100

148 62.8 49.7 74.5

111 43.6 37.4 56.2

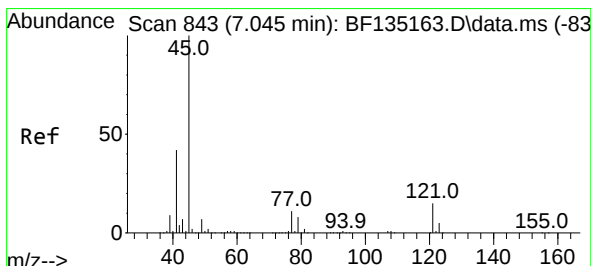
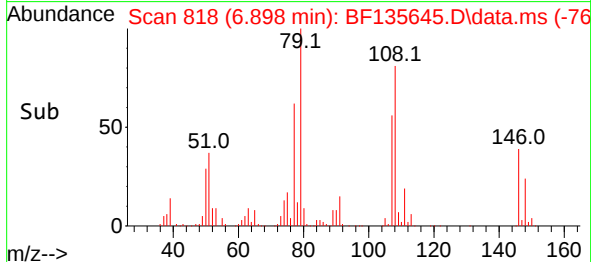
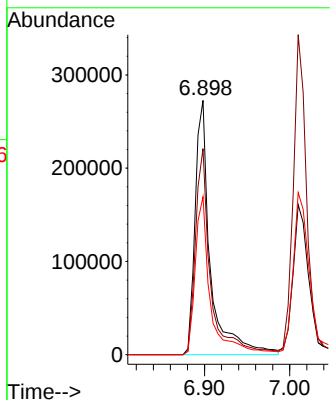
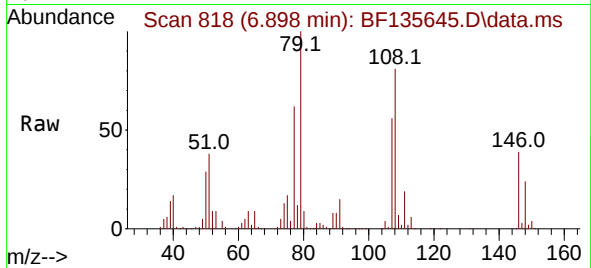




#15
Benzyl Alcohol
Concen: 44.347 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.012 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

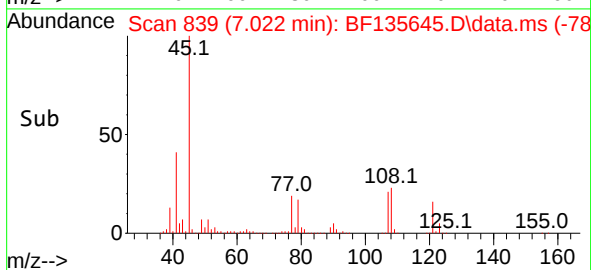
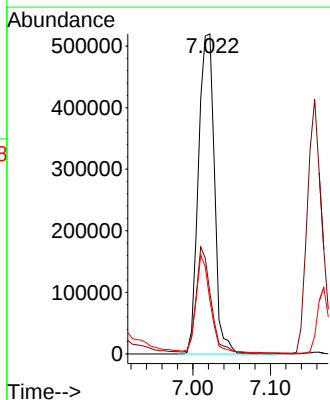
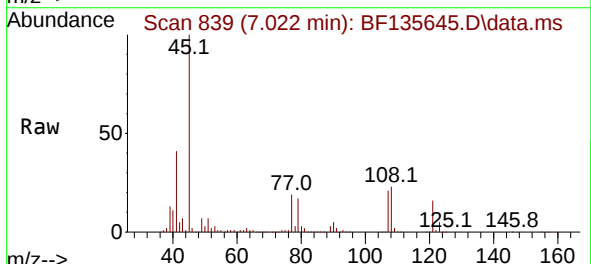
Instrument :
BNA_F
ClientSampleId :
PB156053BS

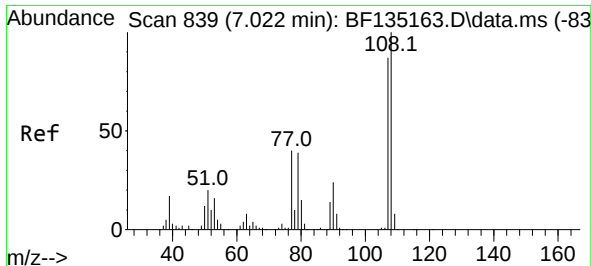
Tgt Ion: 79 Resp: 341782
Ion Ratio Lower Upper
79 100
108 81.1 61.2 91.8
77 62.1 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.633 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion: 45 Resp: 743192
Ion Ratio Lower Upper
45 100
77 19.2 0.0 30.6
79 16.6 0.0 28.3

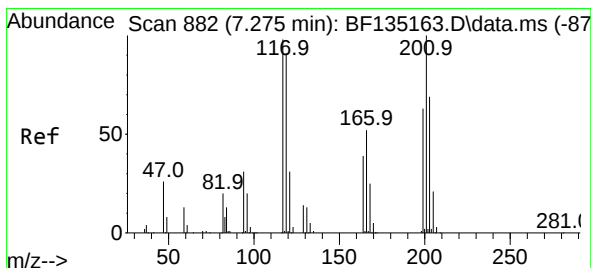
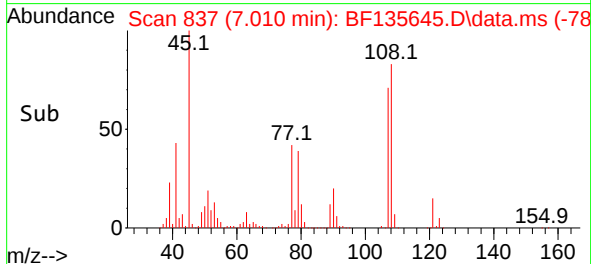
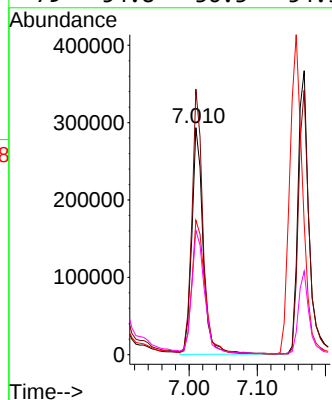
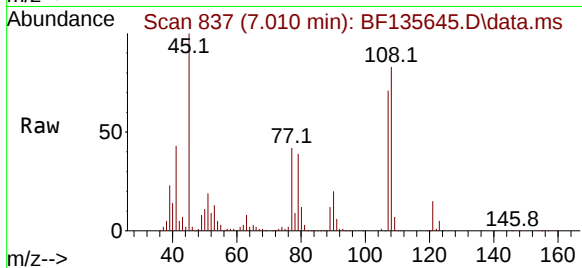




#17
2-Methylphenol
Concen: 41.980 ng
RT: 7.010 min Scan# 810
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

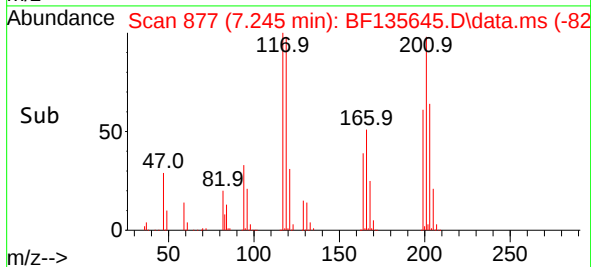
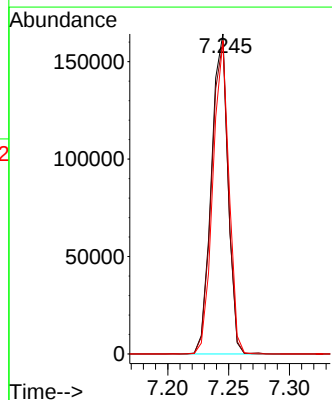
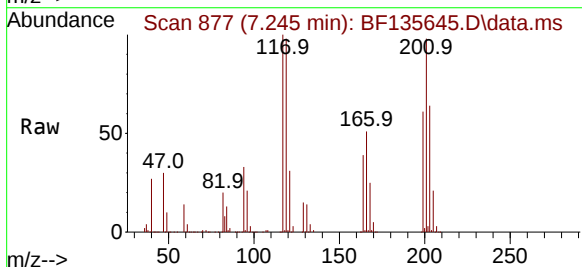
Instrument :
BNA_F
ClientSampleId :
PB156053BS

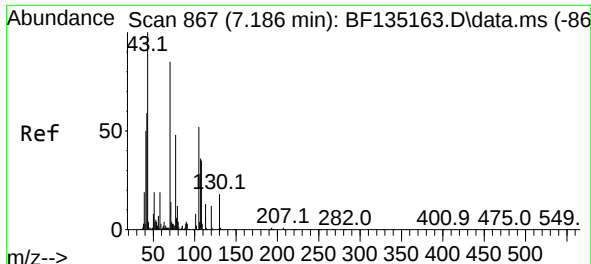
Tgt Ion:107 Resp: 334027
Ion Ratio Lower Upper
107 100
108 116.9 92.0 138.0
77 59.2 36.7 55.1#
79 54.8 36.3 54.5#



#18
Hexachloroethane
Concen: 45.379 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion:117 Resp: 156317
Ion Ratio Lower Upper
117 100
119 97.7 74.7 112.1
201 98.0 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.944 ng

RT: 7.163 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB156053BS

Tgt Ion: 70 Resp: 279025

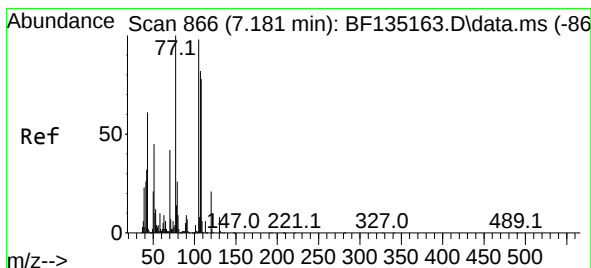
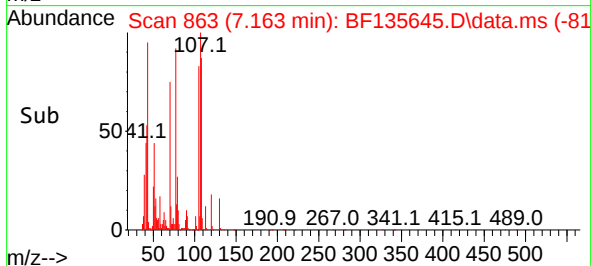
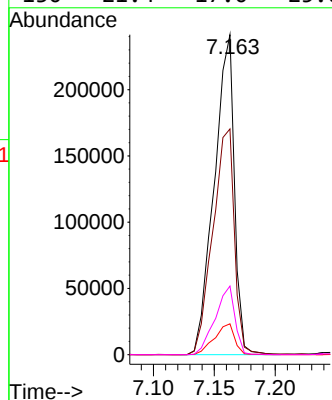
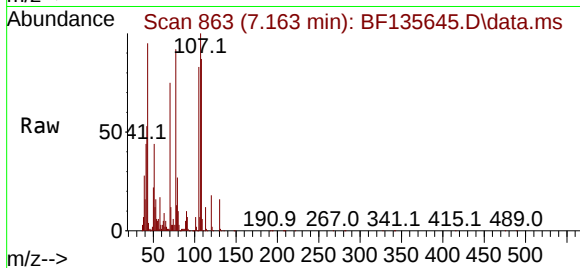
Ion Ratio Lower Upper

70 100

42 70.6 55.4 83.0

101 9.7 7.7 11.5

130 21.4 17.0 25.6



#20

3+4-Methylphenols

Concen: 43.351 ng

RT: 7.169 min Scan# 864

Delta R.T. 0.006 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

Tgt Ion: 107 Resp: 414767

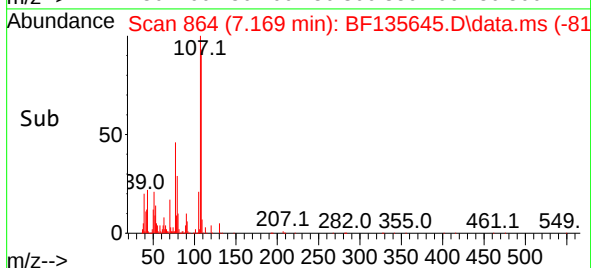
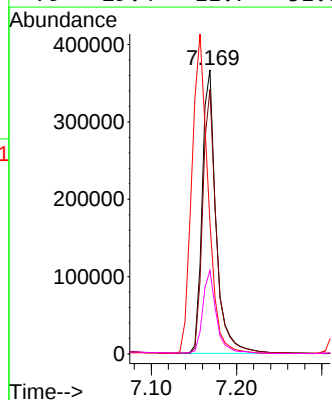
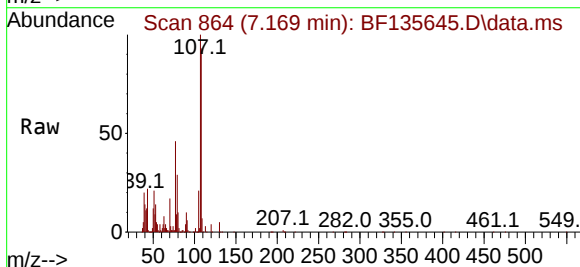
Ion Ratio Lower Upper

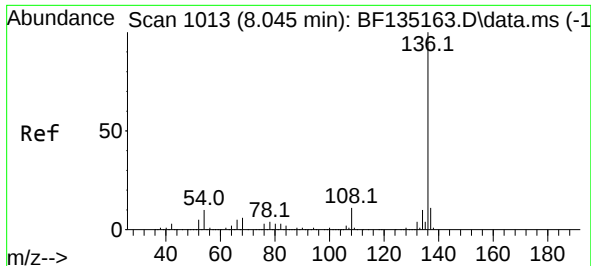
107 100

108 93.1 74.7 114.7

77 46.3 102.0 142.0#

79 29.4 11.7 51.7

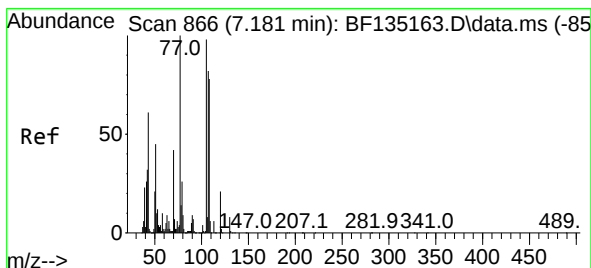
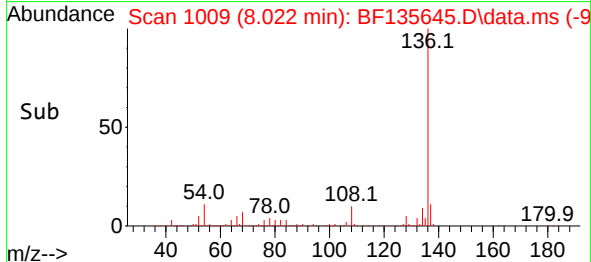
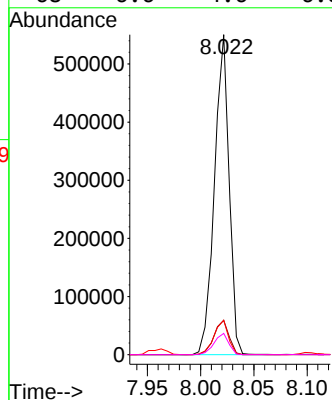
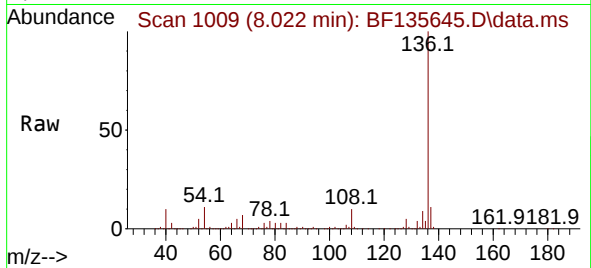




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

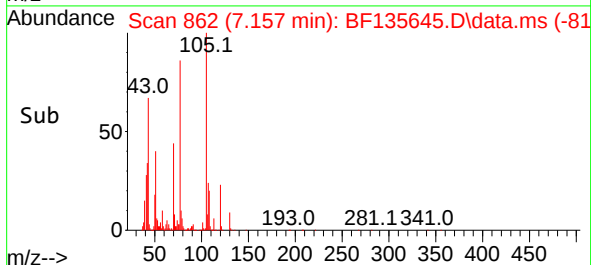
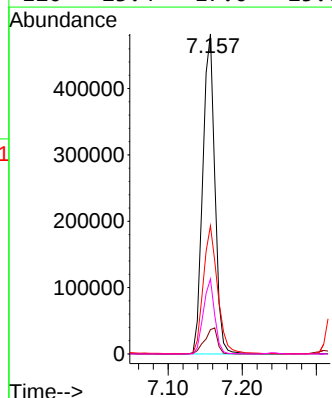
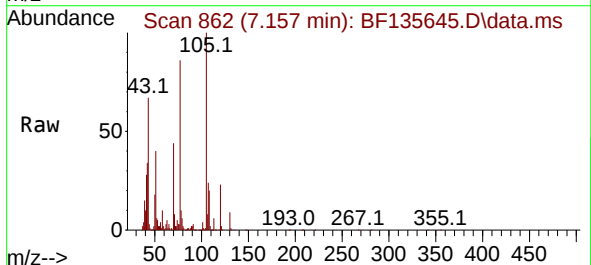
Instrument :
BNA_F
ClientSampleId :
PB156053BS

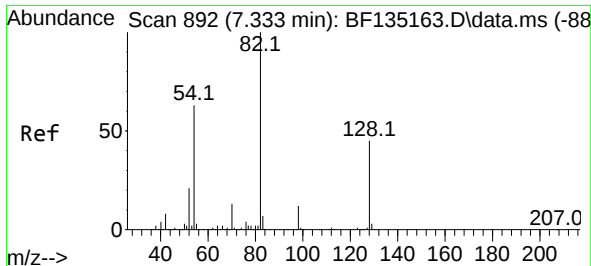
Tgt Ion:136 Resp: 526770
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.8 7.7 11.5
68 6.6 4.6 6.8



#22
Acetophenone
Concen: 45.518 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion:105 Resp: 548191
Ion Ratio Lower Upper
105 100
71 7.6 5.8 8.6
51 40.0 37.0 55.4
120 23.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 89.089 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB156053BS

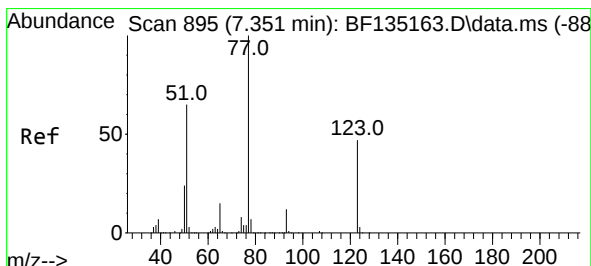
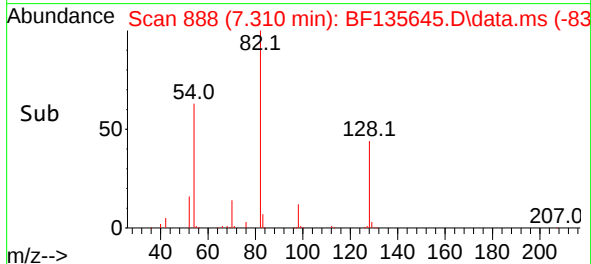
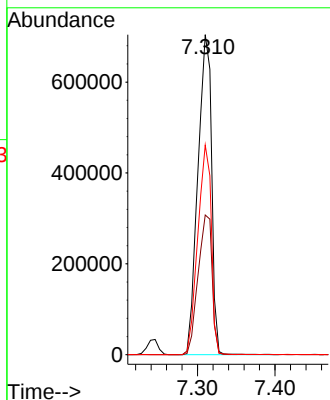
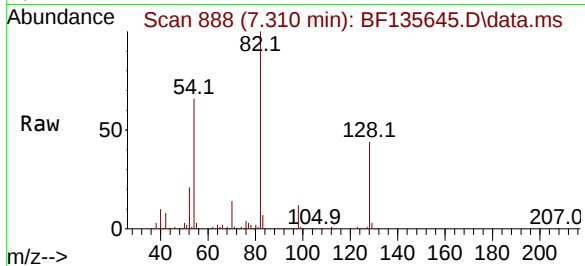
Tgt Ion: 82 Resp: 863792

Ion Ratio Lower Upper

82 100

128 43.7 35.8 53.6

54 65.5 50.6 76.0



#24

Nitrobenzene

Concen: 45.875 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

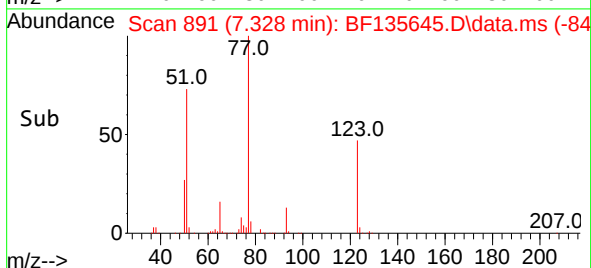
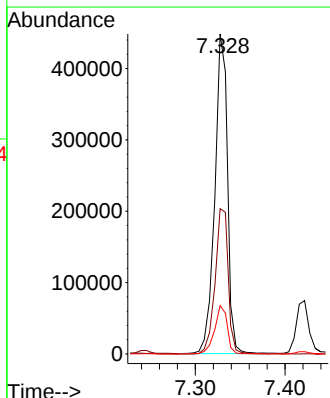
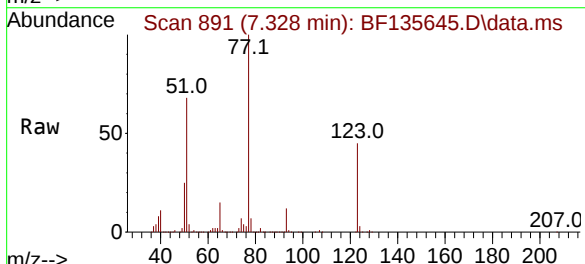
Tgt Ion: 77 Resp: 439640

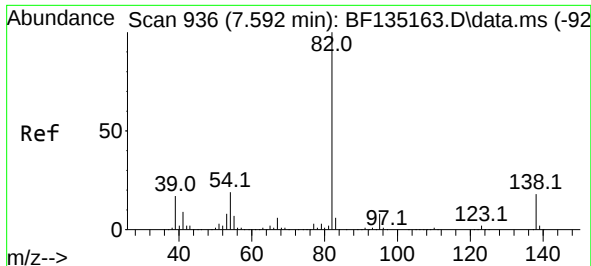
Ion Ratio Lower Upper

77 100

123 45.4 37.6 56.4

65 15.1 12.2 18.4

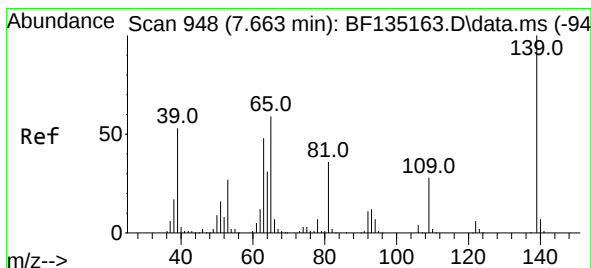
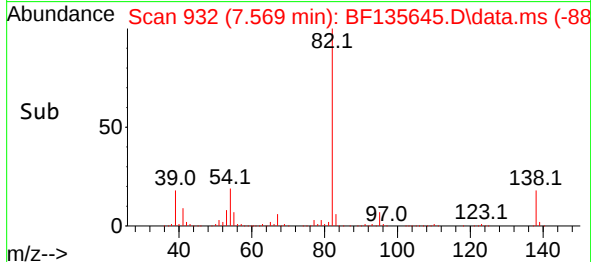
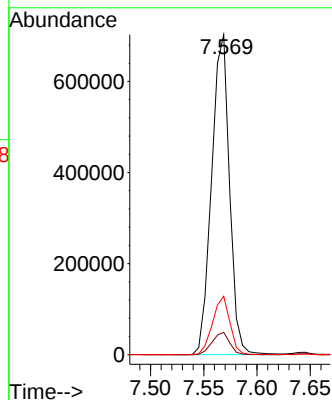
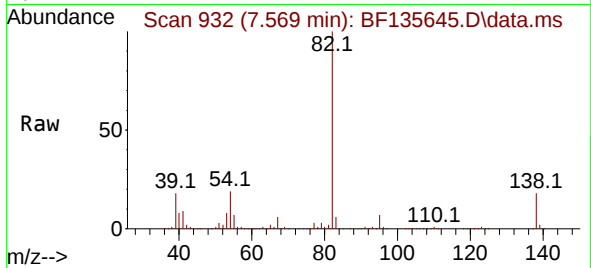




#25
Isophorone
Concen: 45.962 ng
RT: 7.569 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

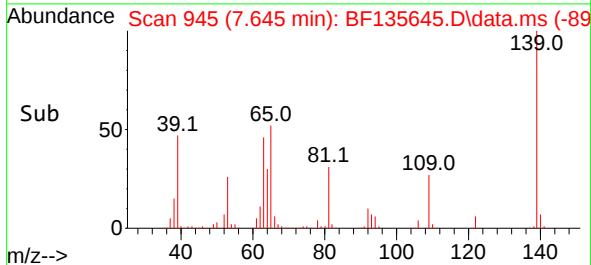
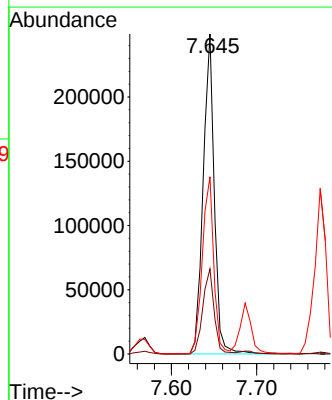
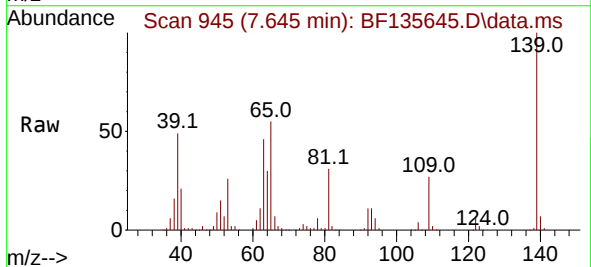
Instrument :
BNA_F
ClientSampleId :
PB156053BS

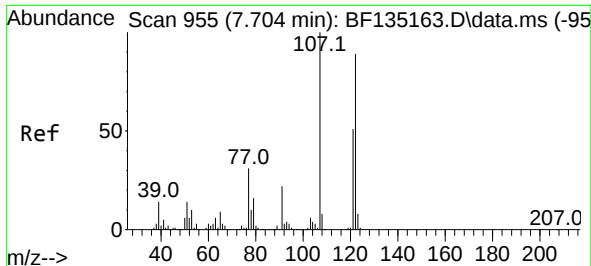
Tgt Ion: 82 Resp: 818319
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 18.3 14.5 21.7



#26
2-Nitrophenol
Concen: 49.253 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion:139 Resp: 226541
Ion Ratio Lower Upper
139 100
109 26.6 22.6 33.8
65 55.4 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 43.004 ng

RT: 7.686 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135645.D

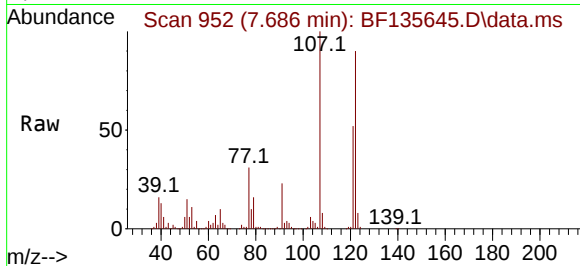
Acq: 09 Oct 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB156053BS



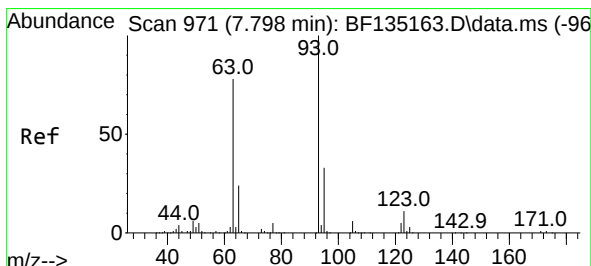
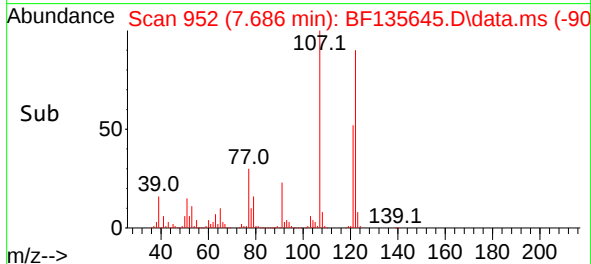
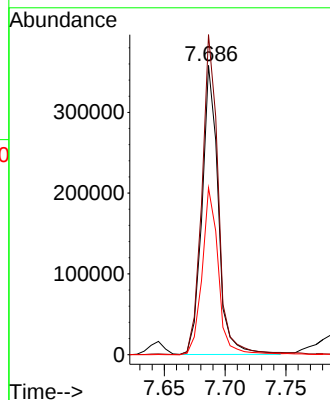
Tgt Ion:122 Resp: 332475

Ion Ratio Lower Upper

122 100

107 110.7 90.2 135.4

121 57.7 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 47.820 ng

RT: 7.775 min Scan# 967

Delta R.T. -0.000 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

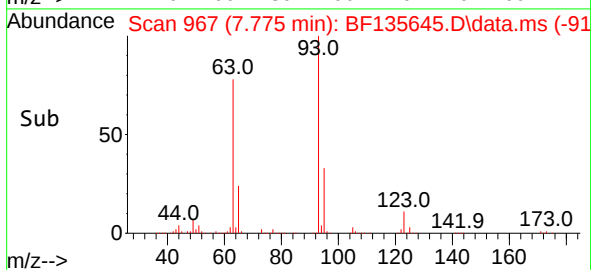
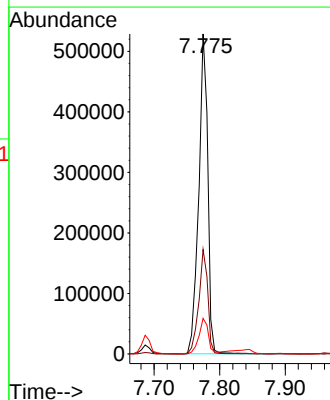
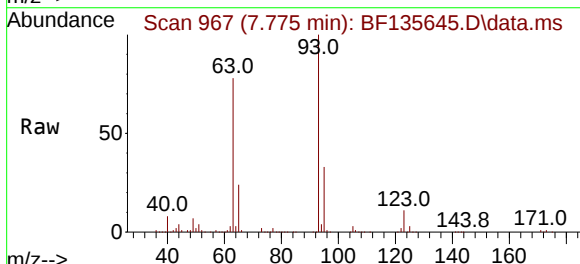
Tgt Ion: 93 Resp: 509585

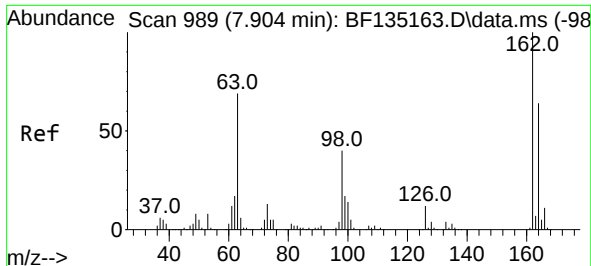
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 11.1 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 47.500 ng

RT: 7.892 min Scan# 990

Delta R.T. 0.006 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB156053BS

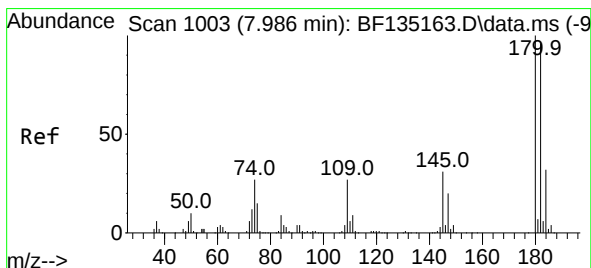
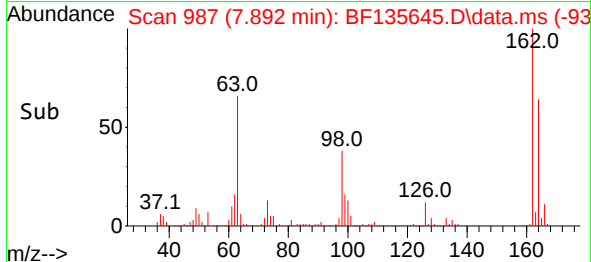
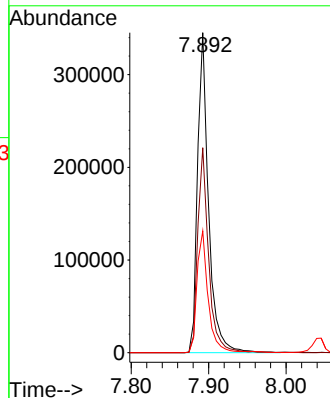
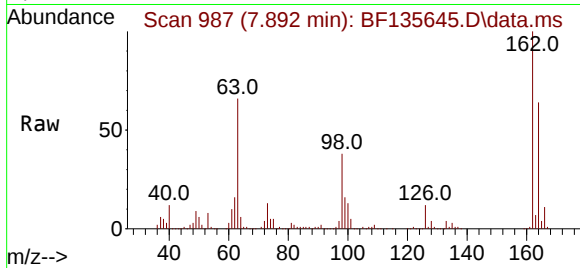
Tgt Ion:162 Resp: 340280

Ion Ratio Lower Upper

162 100

164 64.1 44.1 84.1

98 38.1 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 46.935 ng

RT: 7.963 min Scan# 999

Delta R.T. -0.000 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

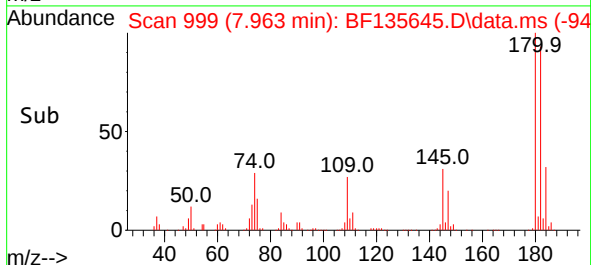
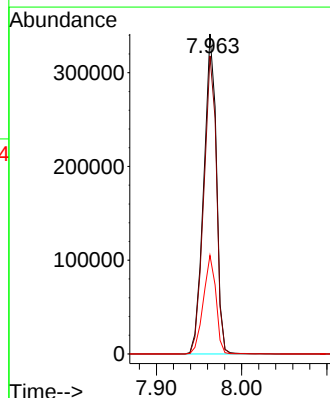
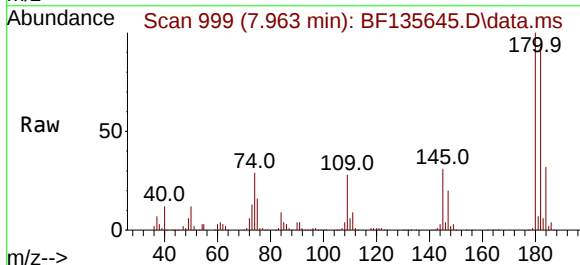
Tgt Ion:180 Resp: 351446

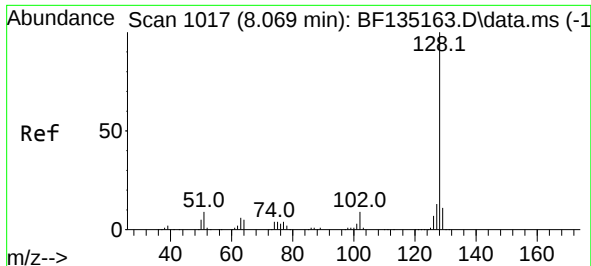
Ion Ratio Lower Upper

180 100

182 93.2 76.9 115.3

145 30.8 24.5 36.7

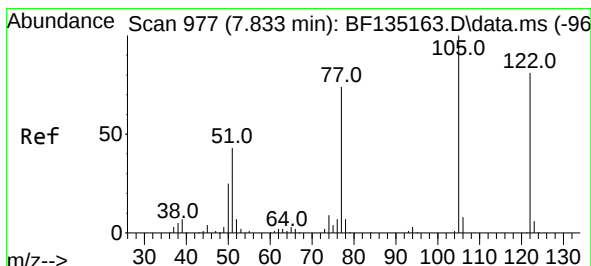
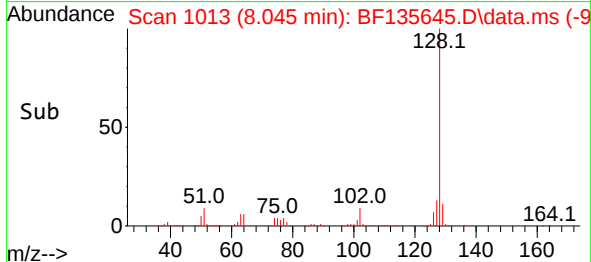
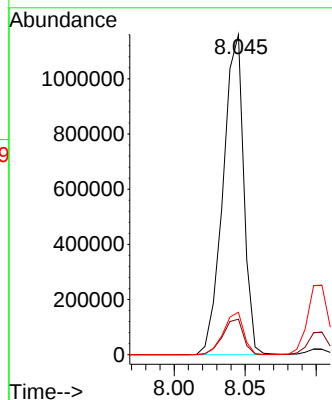
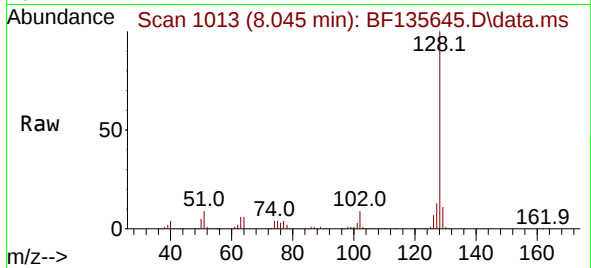




#31
Naphthalene
Concen: 45.817 ng
RT: 8.045 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

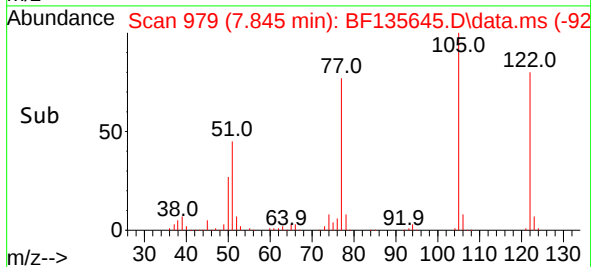
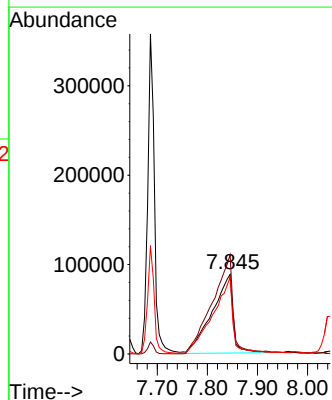
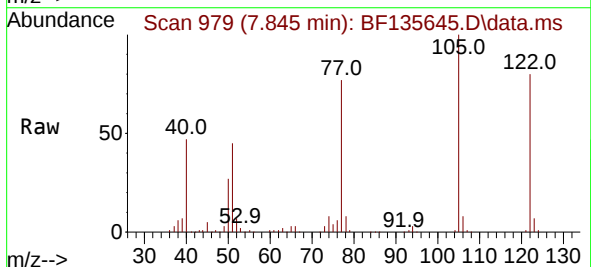
Instrument :
BNA_F
ClientSampleId :
PB156053BS

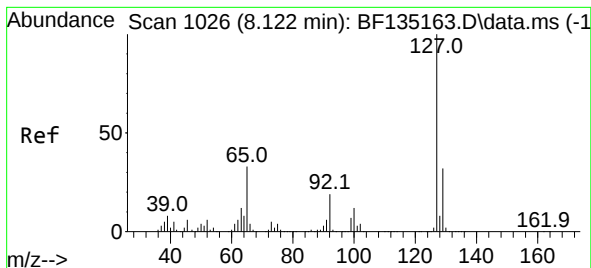
Tgt Ion:128 Resp: 1172644
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 44.153 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.024 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion:122 Resp: 257044
Ion Ratio Lower Upper
122 100
105 124.7 99.9 139.9
77 96.3 70.0 110.0





#33

4-Chloroaniline

Concen: 27.769 ng

RT: 8.104 min Scan# 1026

Delta R.T. 0.006 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB156053BS

Tgt Ion:127 Resp: 311821

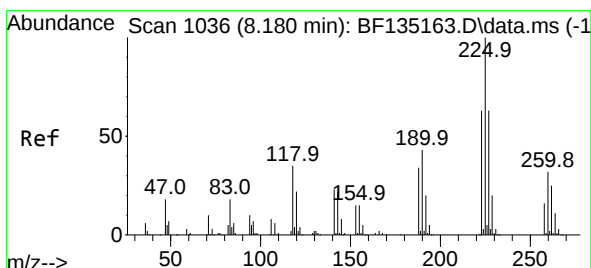
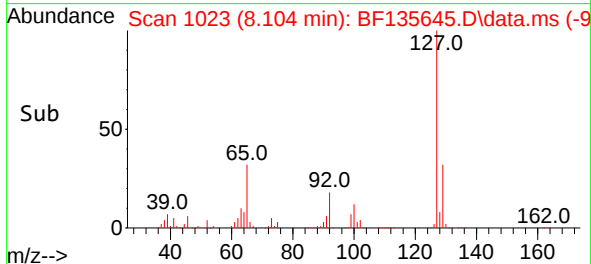
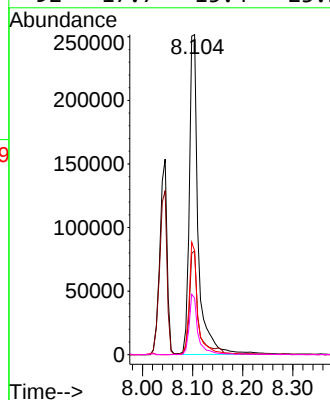
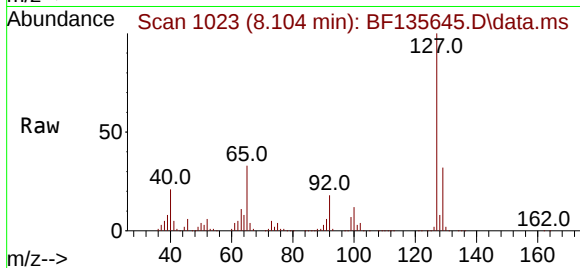
Ion Ratio Lower Upper

127 100

129 32.5 25.8 38.8

65 32.5 26.6 39.8

92 17.7 15.4 23.2



#34

Hexachlorobutadiene

Concen: 44.846 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

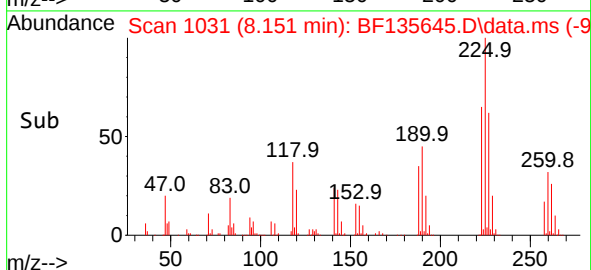
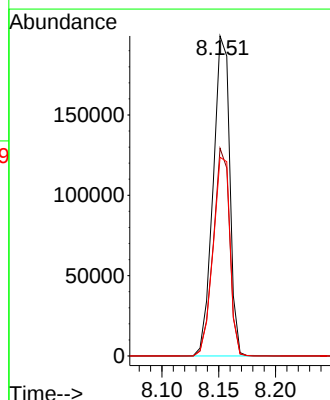
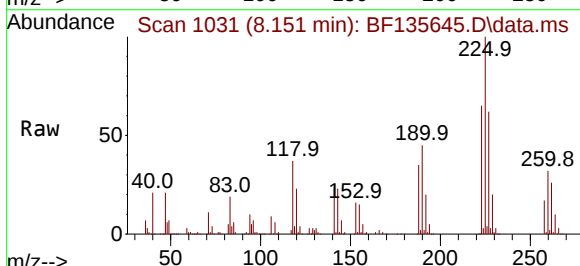
Tgt Ion:225 Resp: 202480

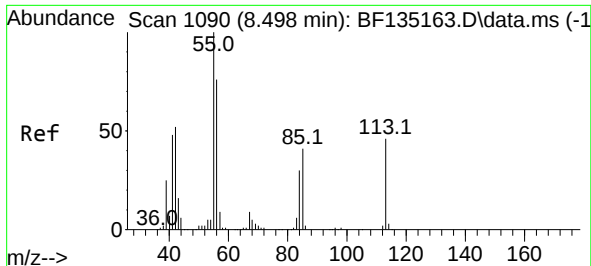
Ion Ratio Lower Upper

225 100

223 64.9 50.6 75.8

227 62.1 50.8 76.2

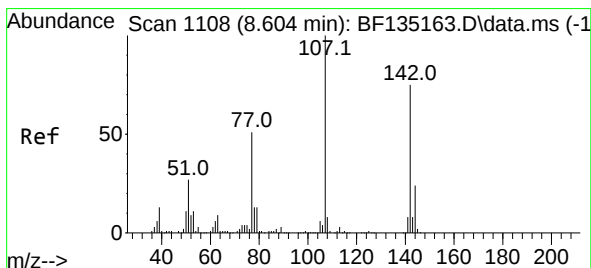
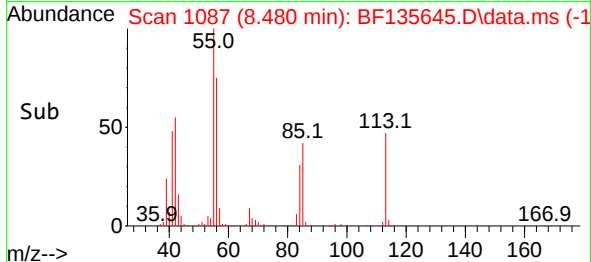
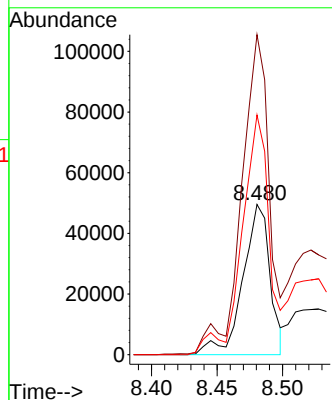
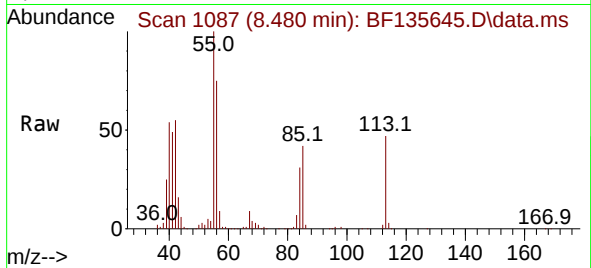




#35
 Caprolactam
 Concen: 29.640 ng
 RT: 8.480 min Scan# 1090
 Delta R.T. 0.012 min
 Lab File: BF135645.D
 Acq: 09 Oct 2023 11:16

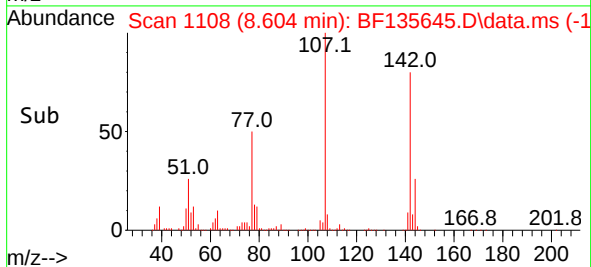
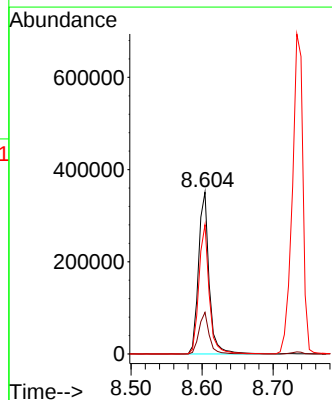
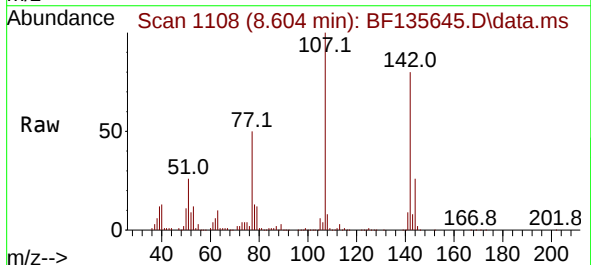
Instrument :
 BNA_F
 ClientSampleId :
 PB156053BS

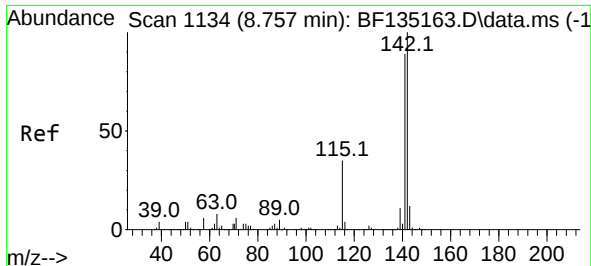
Tgt Ion:113 Resp: 71263
 Ion Ratio Lower Upper
 113 100
 55 213.1 199.3 239.3
 56 159.6 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 46.063 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.018 min
 Lab File: BF135645.D
 Acq: 09 Oct 2023 11:16

Tgt Ion:107 Resp: 366758
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.0 28.4
 142 79.9 60.2 90.2

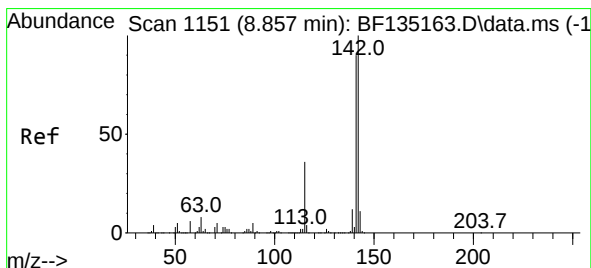
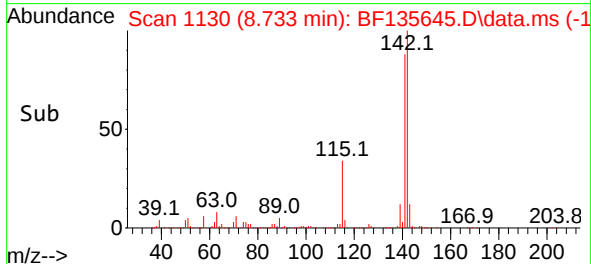
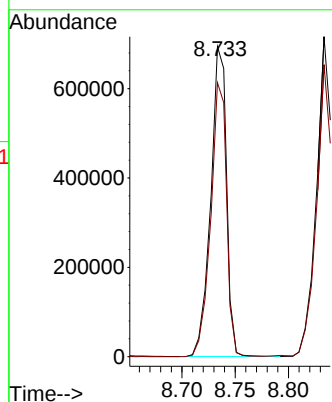
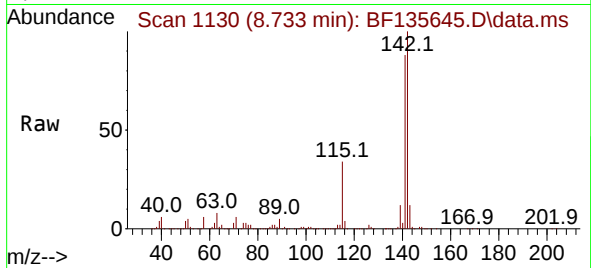




#37
2-Methylnaphthalene
Concen: 41.845 ng
RT: 8.733 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

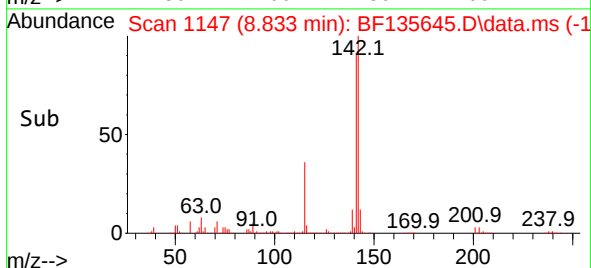
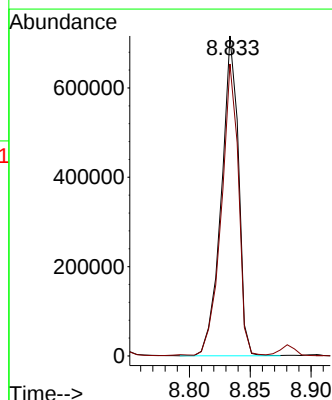
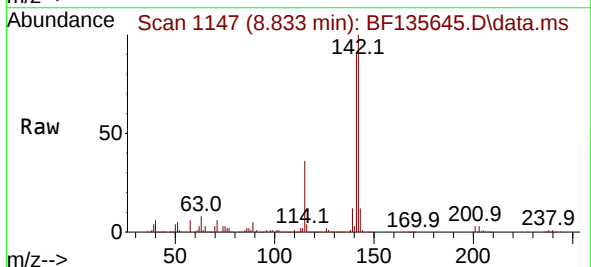
Instrument :
BNA_F
ClientSampleId :
PB156053BS

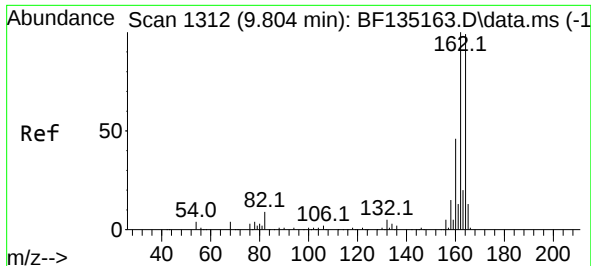
Tgt Ion:142 Resp: 719923
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6



#38
1-Methylnaphthalene
Concen: 43.448 ng
RT: 8.833 min Scan# 1147
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion:142 Resp: 699826
Ion Ratio Lower Upper
142 100
141 91.2 72.4 108.6

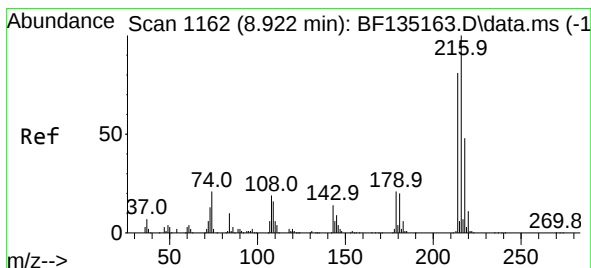
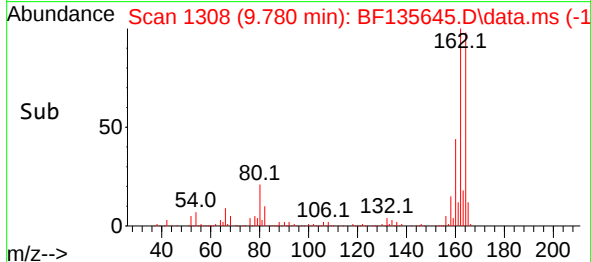
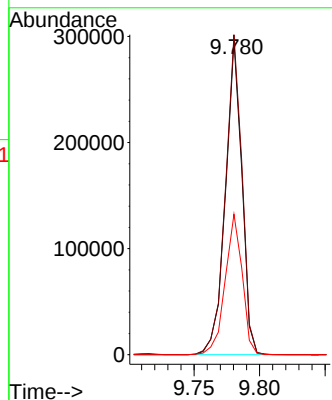
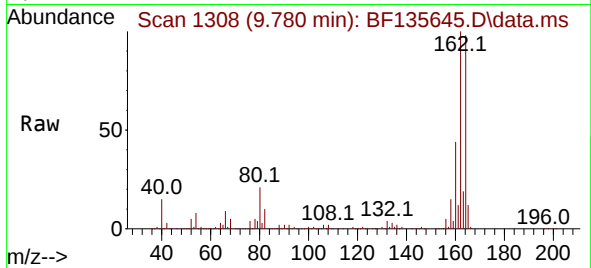




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

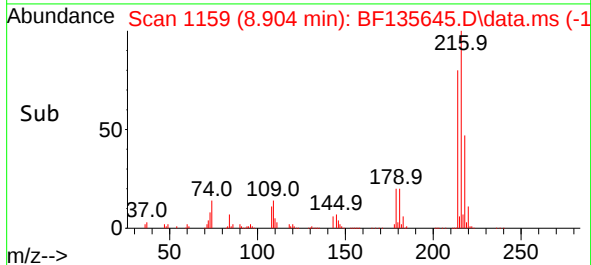
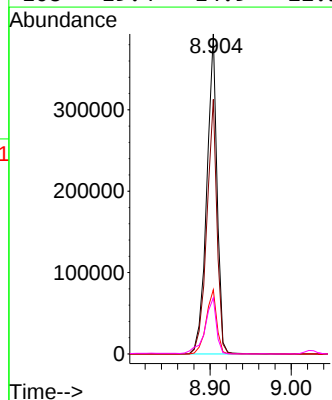
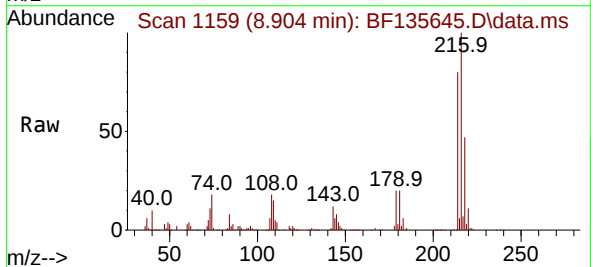
Instrument :
BNA_F
ClientSampleId :
PB156053BS

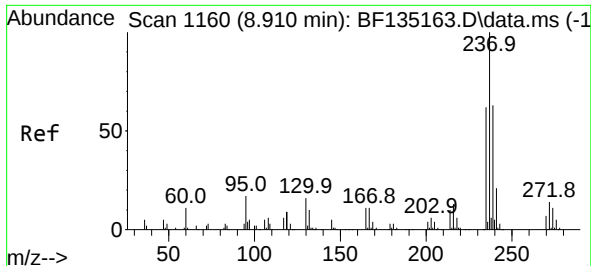
Tgt Ion:164 Resp: 257558
Ion Ratio Lower Upper
164 100
162 101.9 81.0 121.4
160 44.7 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.241 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion:216 Resp: 345039
Ion Ratio Lower Upper
216 100
214 78.9 63.7 95.5
179 20.5 16.7 25.1
108 19.4 14.9 22.3

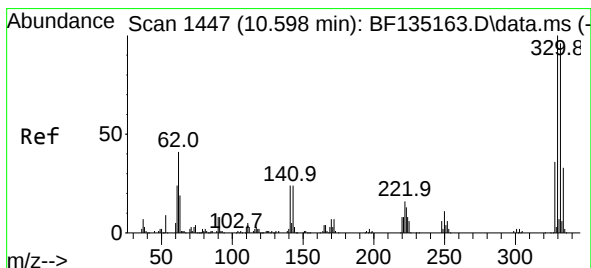
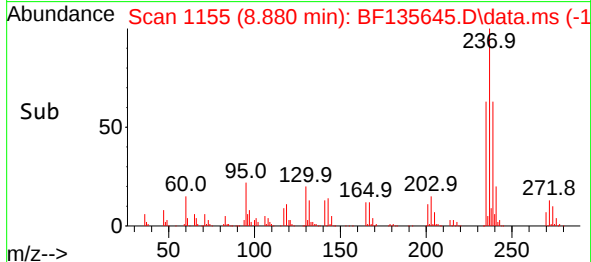
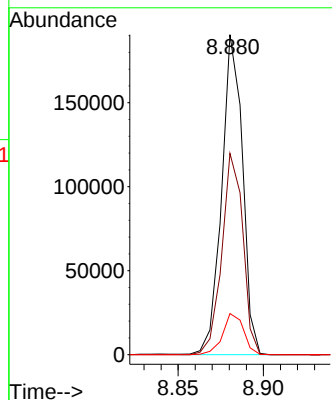
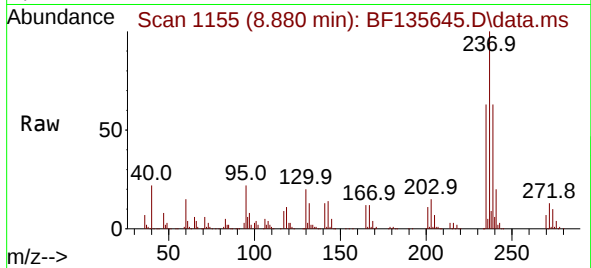




#41
Hexachlorocyclopentadiene
Concen: 52.106 ng
RT: 8.880 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

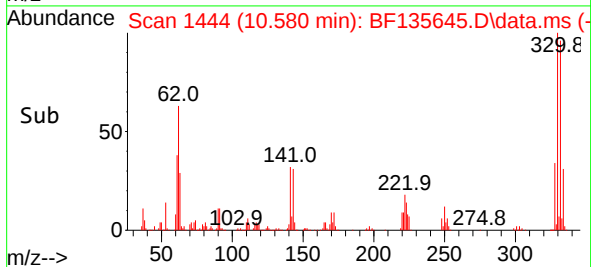
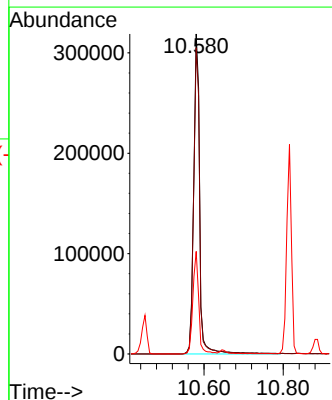
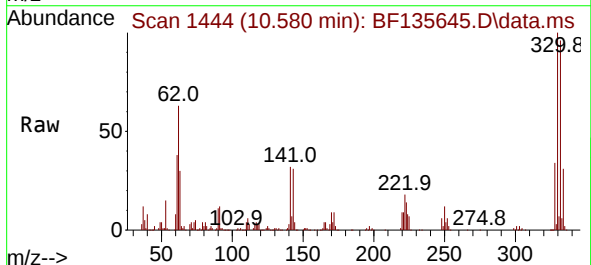
Instrument :
BNA_F
ClientSampleId :
PB156053BS

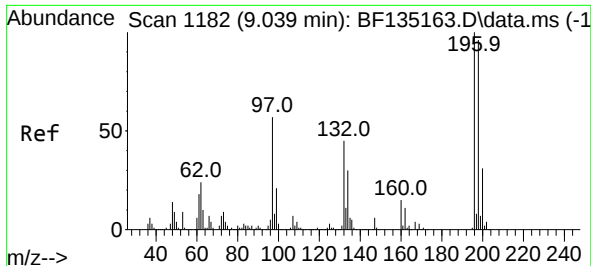
Tgt Ion:237 Resp: 161991
Ion Ratio Lower Upper
237 100
235 62.9 41.8 81.8
272 12.9 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 130.323 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.012 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion:330 Resp: 333563
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 31.5 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 46.094 ng

RT: 9.022 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB156053BS

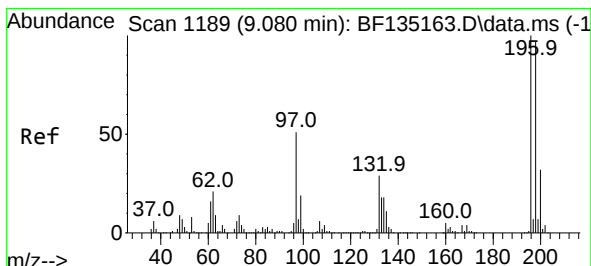
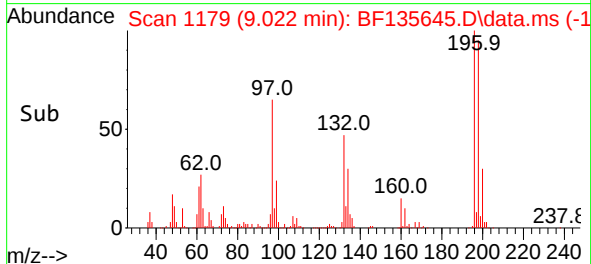
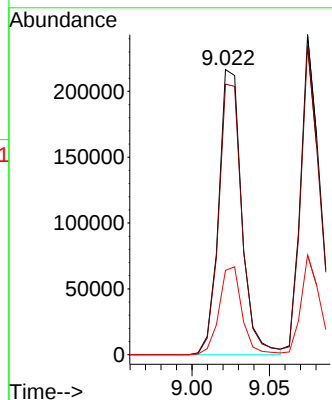
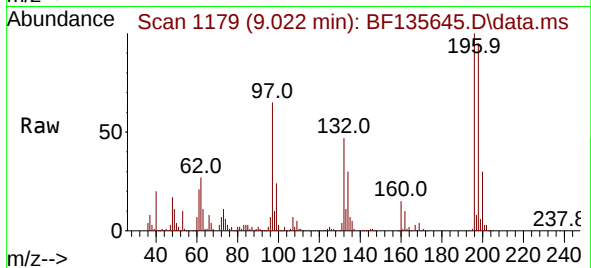
Tgt Ion:196 Resp: 225190

Ion Ratio Lower Upper

196 100

198 94.9 77.0 115.6

200 29.6 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 42.196 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.012 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

Tgt Ion:196 Resp: 237401

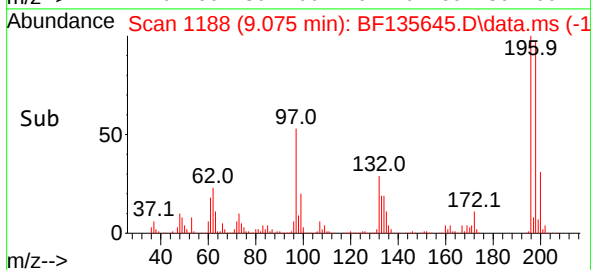
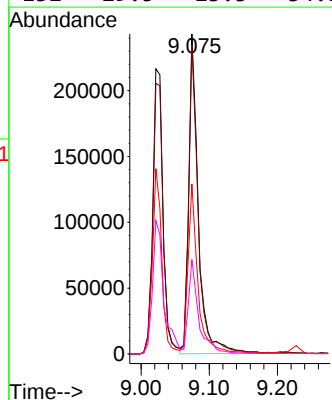
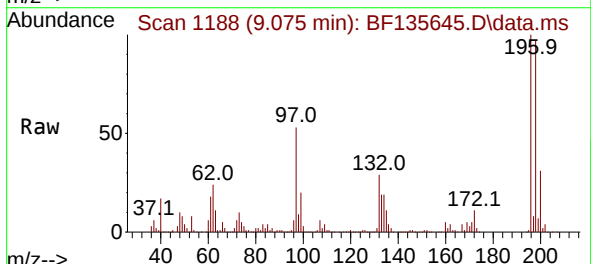
Ion Ratio Lower Upper

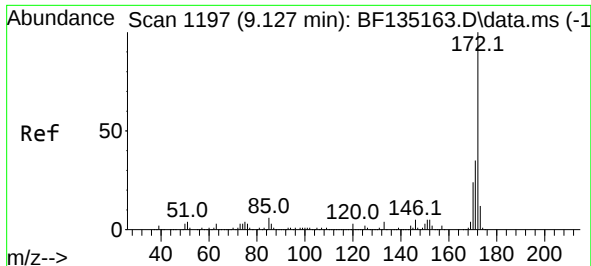
196 100

198 96.6 77.5 116.3

97 53.1 40.5 60.7

132 29.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 85.295 ng

RT: 9.104 min Scan# 1193

Delta R.T. 0.006 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB156053BS

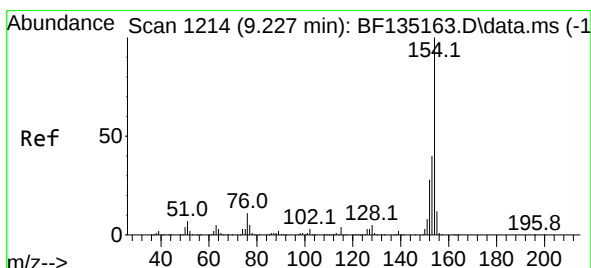
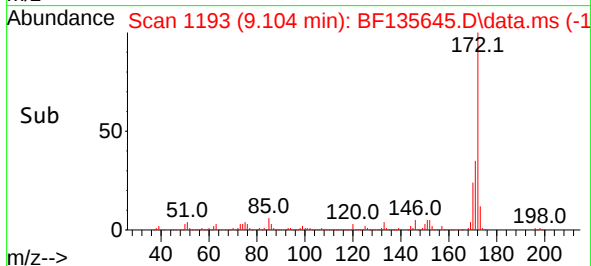
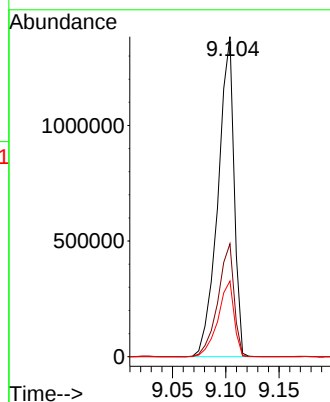
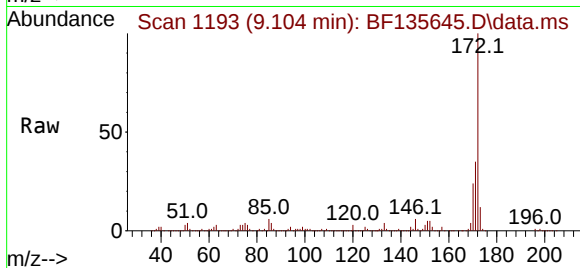
Tgt Ion:172 Resp: 1456090

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.7 19.0 28.4



#46

1,1'-Biphenyl

Concen: 46.044 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.006 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

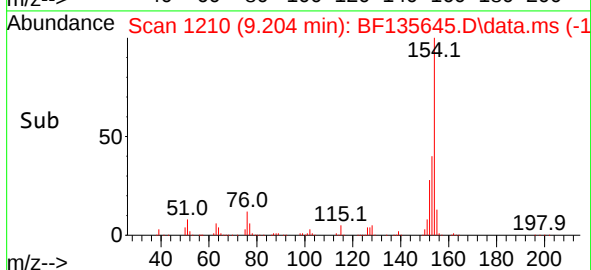
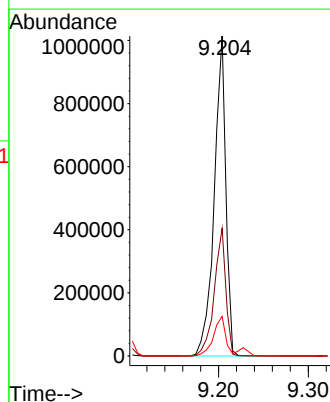
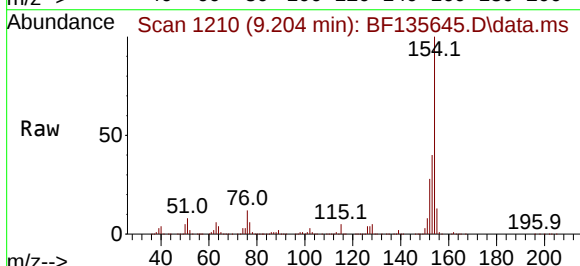
Tgt Ion:154 Resp: 911340

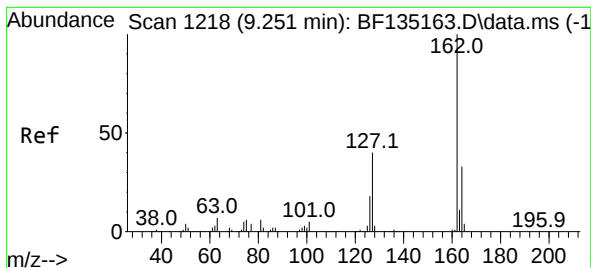
Ion Ratio Lower Upper

154 100

153 39.9 19.6 59.6

76 12.3 0.0 31.0





#47

2-Chloronaphthalene

Concen: 47.289 ng

RT: 9.227 min Scan# 1214

Delta R.T. 0.006 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB156053BS

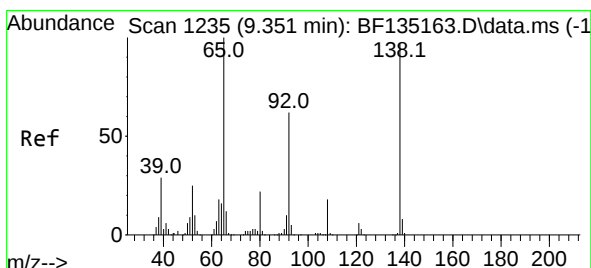
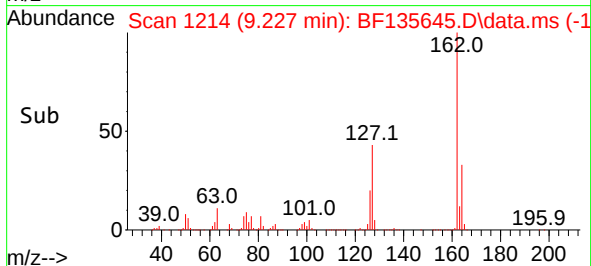
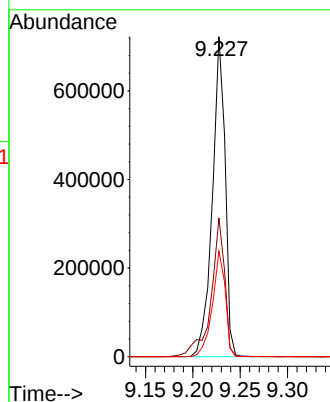
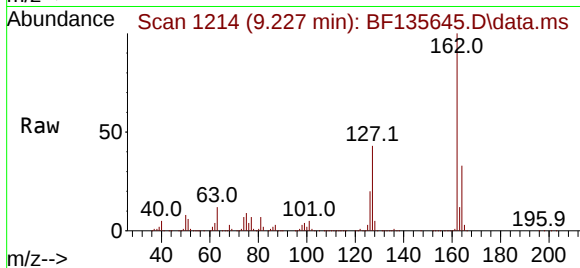
Tgt Ion:162 Resp: 679113

Ion Ratio Lower Upper

162 100

127 43.3 32.6 48.8

164 33.0 26.2 39.2



#48

2-Nitroaniline

Concen: 48.748 ng

RT: 9.339 min Scan# 1233

Delta R.T. 0.012 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

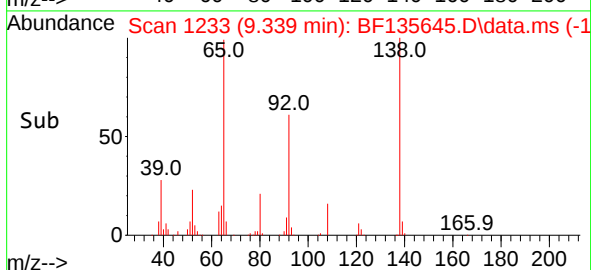
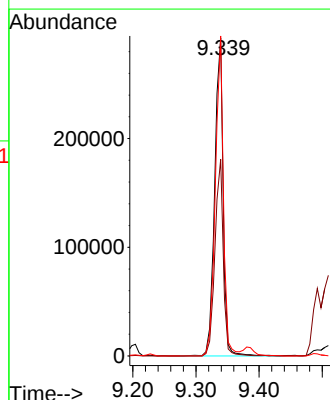
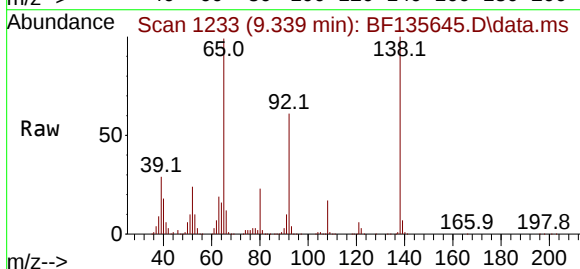
Tgt Ion: 65 Resp: 271975

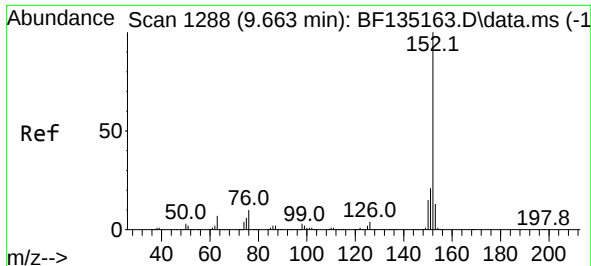
Ion Ratio Lower Upper

65 100

92 61.8 49.4 74.0

138 100.6 77.4 116.0

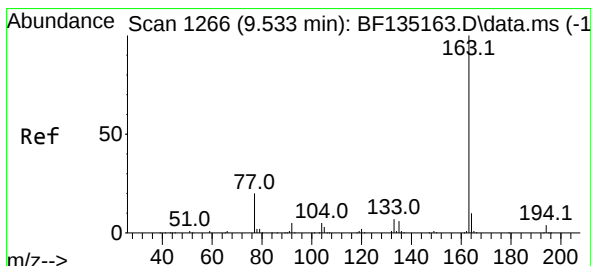
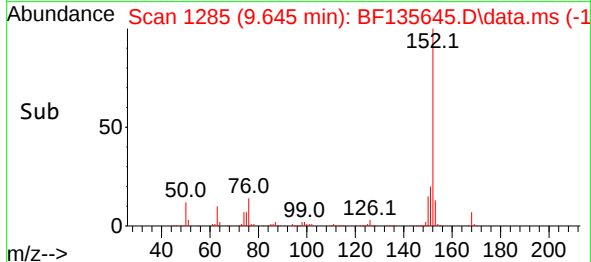
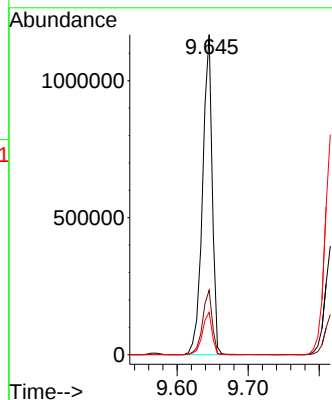
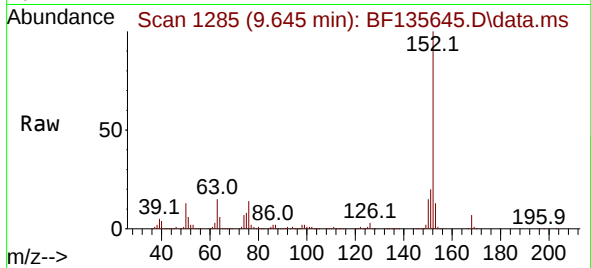




#49
Acenaphthylene
Concen: 46.287 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

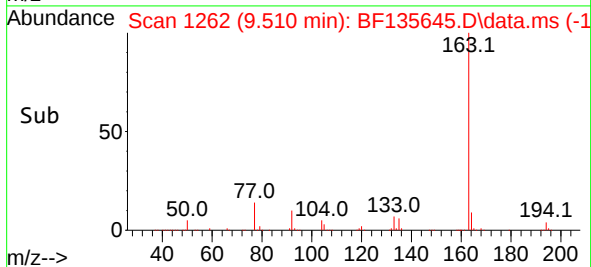
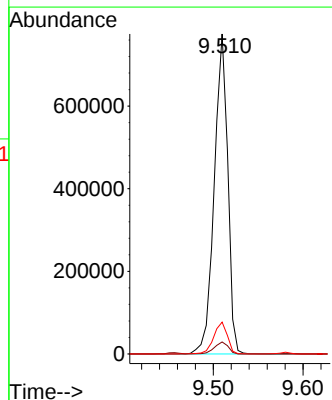
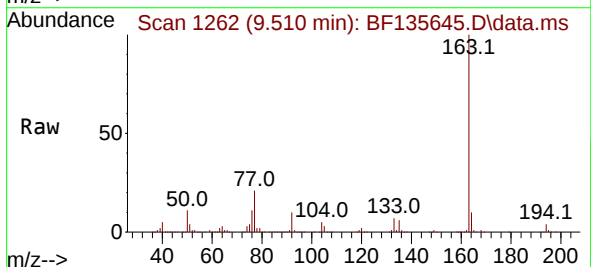
Instrument :
BNA_F
ClientSampleId :
PB156053BS

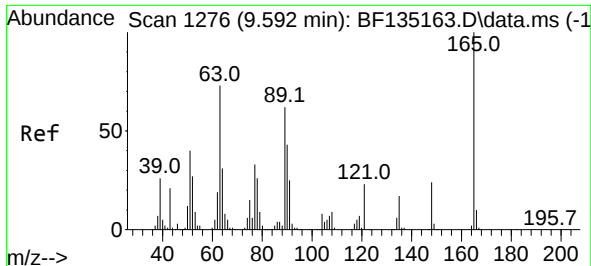
Tgt Ion:152 Resp: 1104727
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.3 10.4 15.6



#50
Dimethylphthalate
Concen: 46.482 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion:163 Resp: 809414
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.0 8.1 12.1

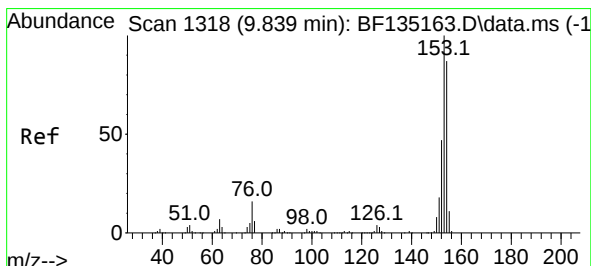
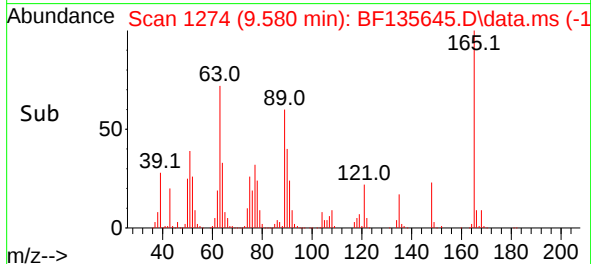
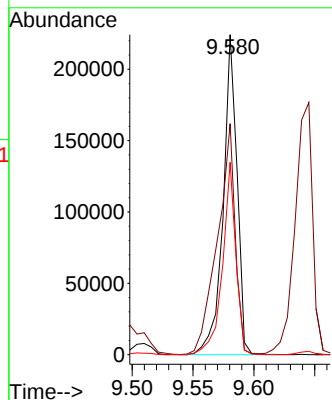
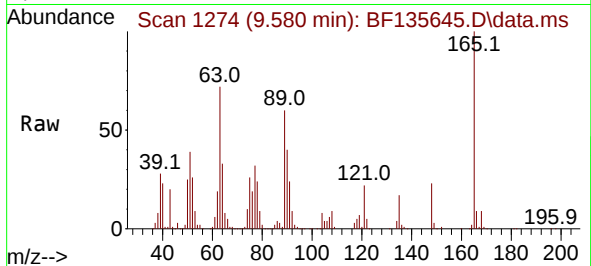




#51
2,6-Dinitrotoluene
Concen: 46.763 ng
RT: 9.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

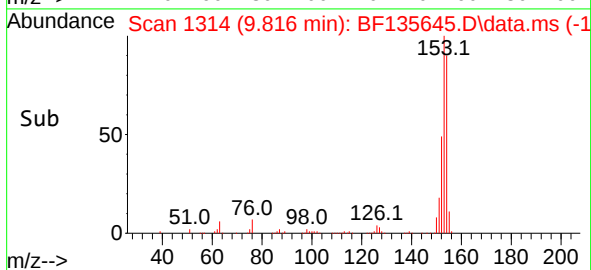
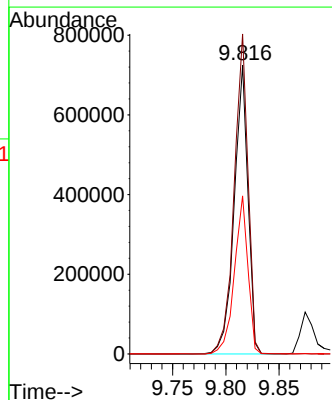
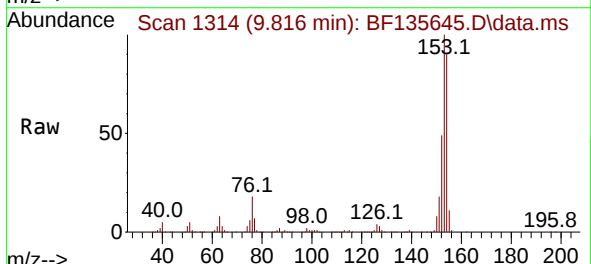
Instrument :
BNA_F
ClientSampleId :
PB156053BS

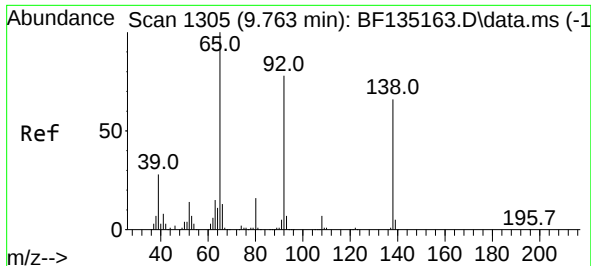
Tgt Ion:165 Resp: 178388
Ion Ratio Lower Upper
165 100
63 72.2 59.4 89.2
89 60.1 49.8 74.8



#52
Acenaphthene
Concen: 46.347 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion:154 Resp: 653459
Ion Ratio Lower Upper
154 100
153 110.9 92.1 138.1
152 54.8 43.1 64.7

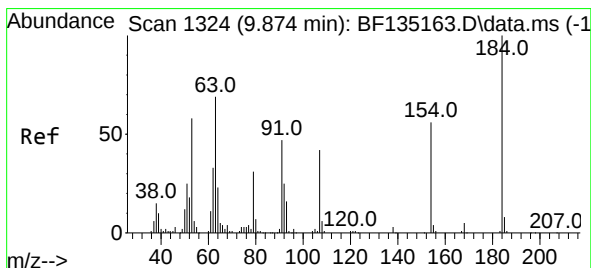
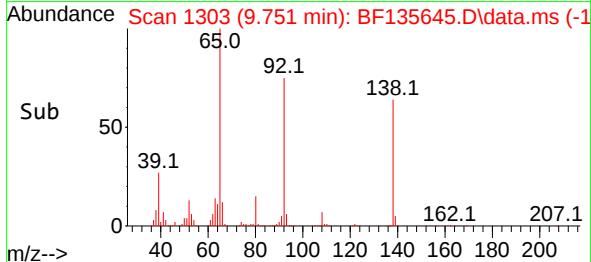
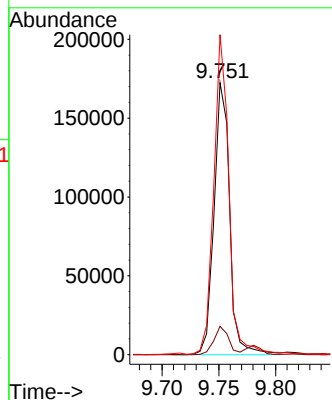
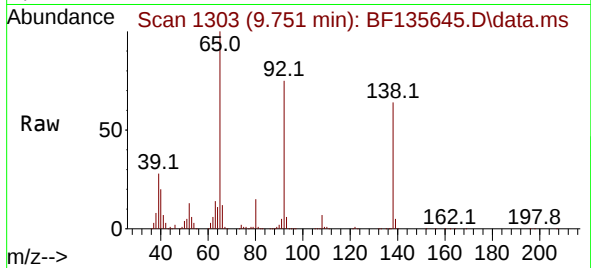




#53
3-Nitroaniline
Concen: 36.717 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

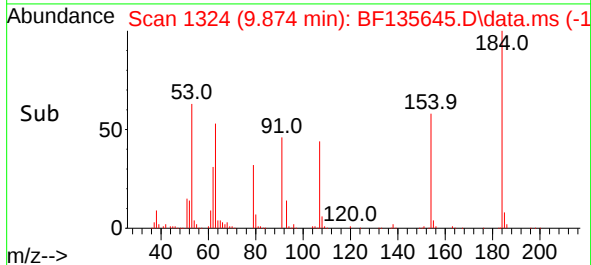
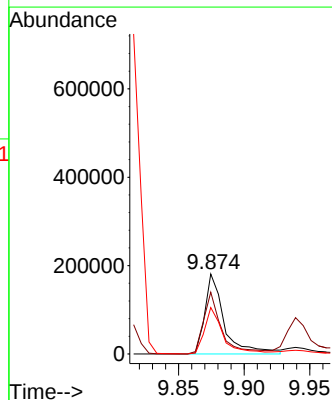
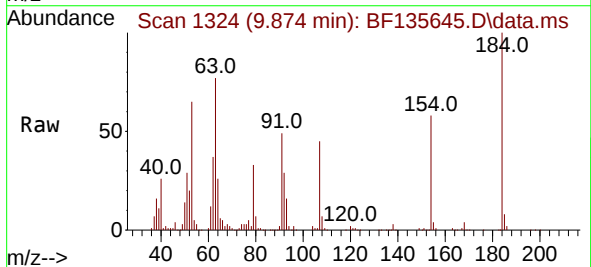
Instrument :
BNA_F
ClientSampleId :
PB156053BS

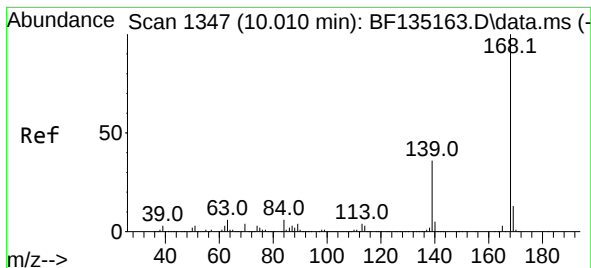
Tgt Ion:138 Resp: 164414
Ion Ratio Lower Upper
138 100
108 10.4 8.5 12.7
92 117.7 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 86.019 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion:184 Resp: 187388
Ion Ratio Lower Upper
184 100
63 77.1 55.1 82.7
154 58.0 48.4 72.6

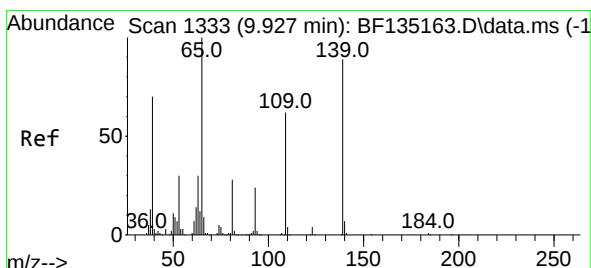
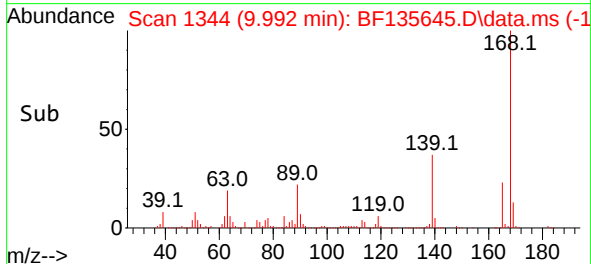
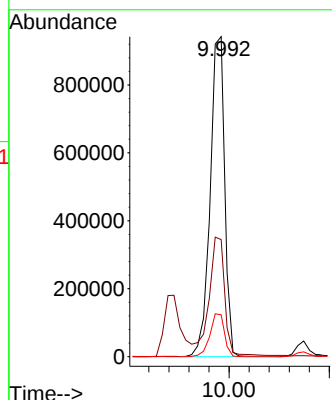
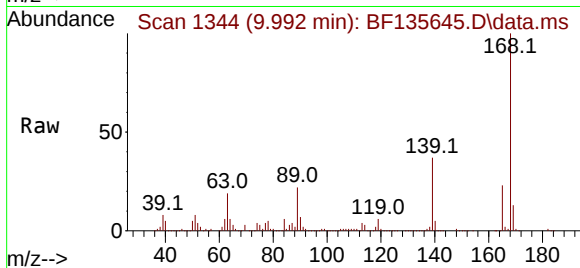




#55
Dibenzenofuran
Concen: 43.948 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

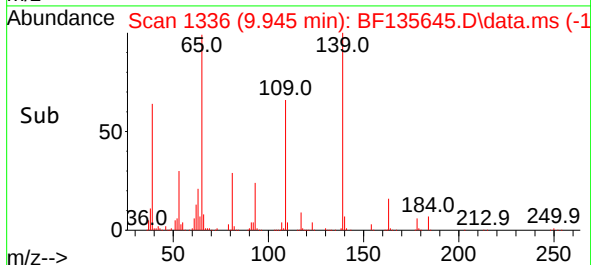
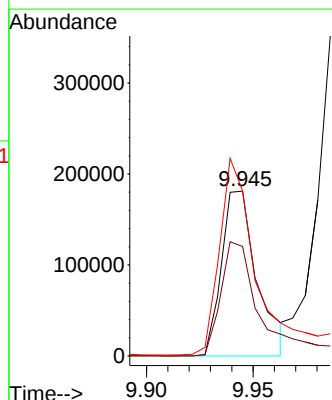
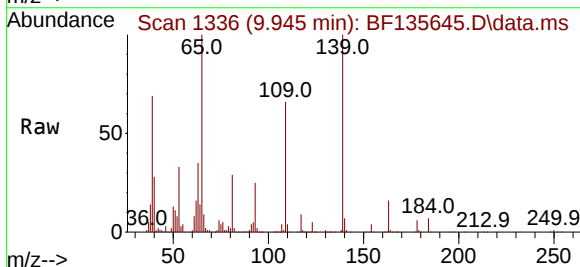
Instrument :
BNA_F
ClientSampleId :
PB156053BS

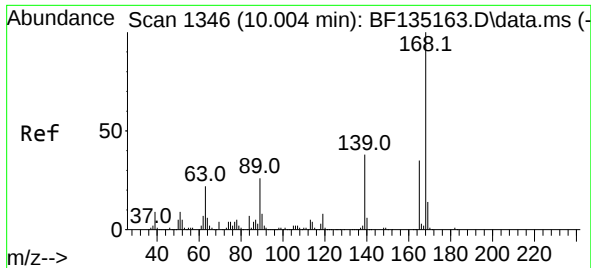
Tgt Ion:168 Resp: 945552
Ion Ratio Lower Upper
168 100
139 36.6 29.0 43.6
169 13.1 10.4 15.6



#56
4-Nitrophenol
Concen: 74.152 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.018 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion:139 Resp: 211029
Ion Ratio Lower Upper
139 100
109 66.4 49.8 89.8
65 100.1 92.7 132.7

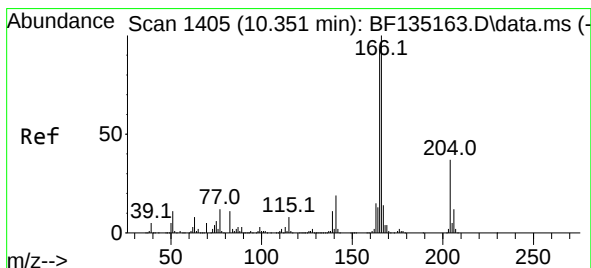
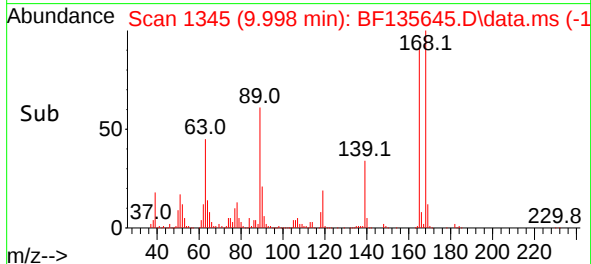
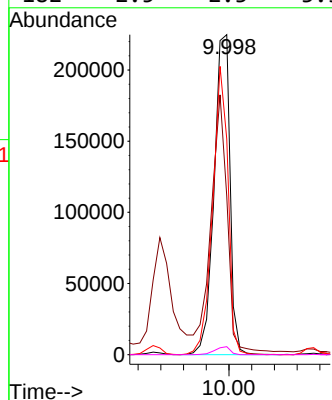
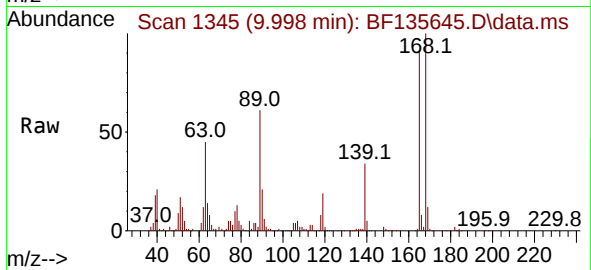




#57
2,4-Dinitrotoluene
Concen: 45.938 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

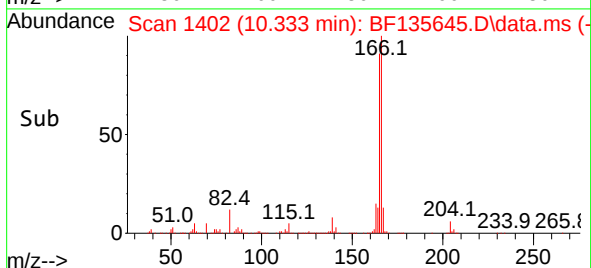
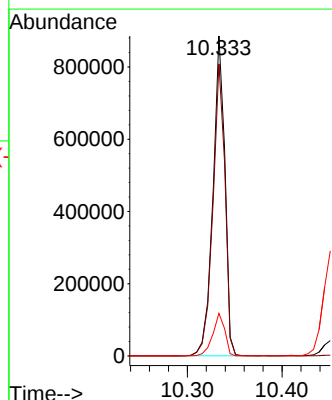
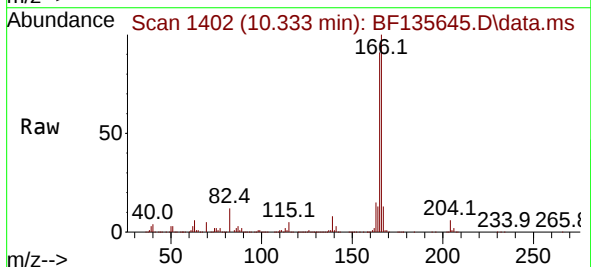
Instrument :
BNA_F
ClientSampleId :
PB156053BS

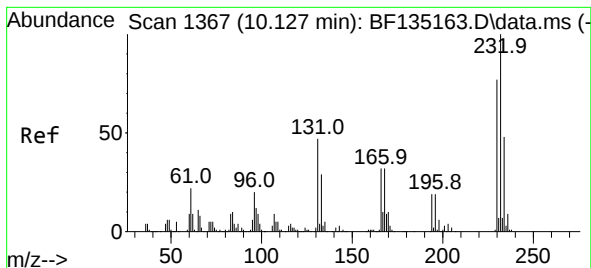
Tgt Ion:165 Resp: 219387
Ion Ratio Lower Upper
165 100
63 49.6 50.1 75.1#
89 67.4 59.3 88.9
182 2.5 2.3 3.5



#58
Fluorene
Concen: 46.616 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion:166 Resp: 771025
Ion Ratio Lower Upper
166 100
165 91.3 74.3 111.5
167 13.3 10.9 16.3

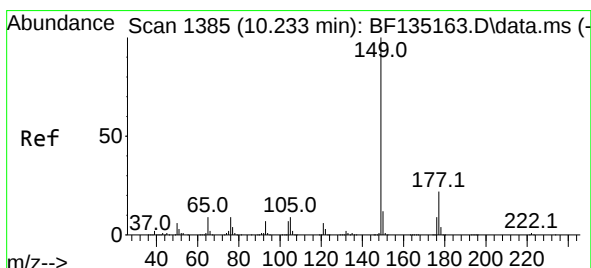
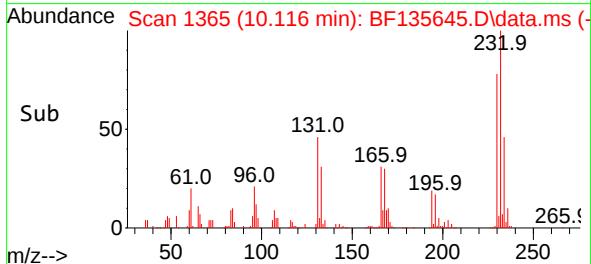
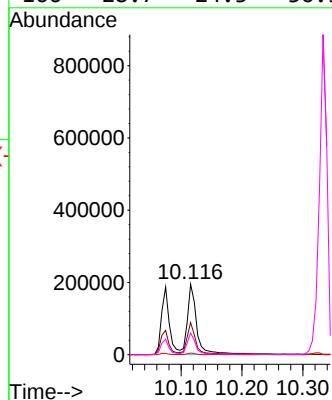
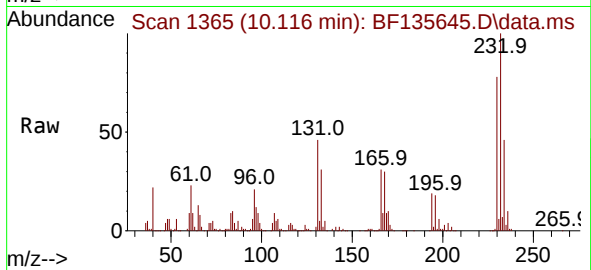




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.734 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

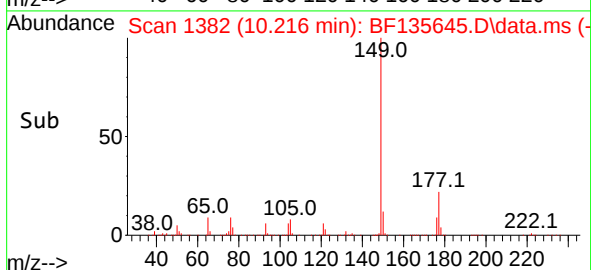
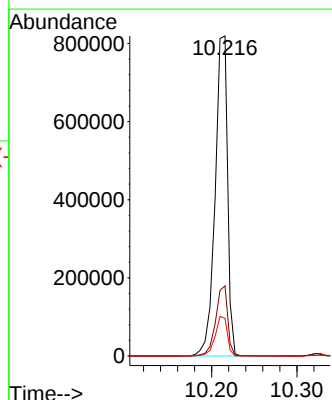
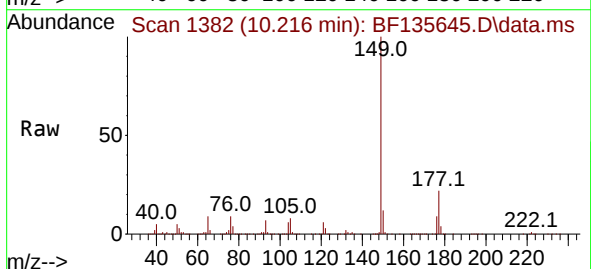
Instrument :
BNA_F
ClientSampleId :
PB156053BS

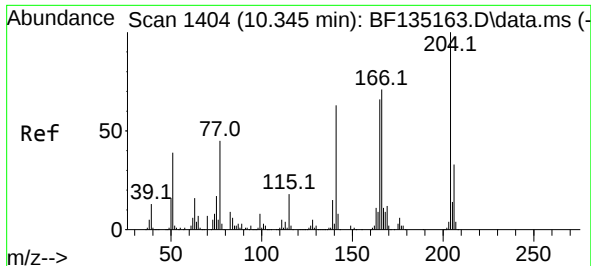
Tgt Ion:232 Resp: 206589
Ion Ratio Lower Upper
232 100
131 41.6 35.4 53.2
130 1.9 1.8 2.8
166 28.7 24.3 36.5



#60
Diethylphthalate
Concen: 47.610 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.012 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion:149 Resp: 832028
Ion Ratio Lower Upper
149 100
177 21.9 17.8 26.6
150 11.8 10.0 15.0

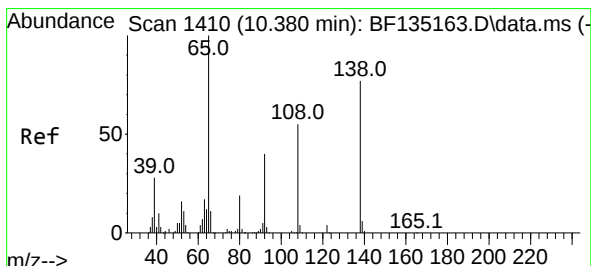
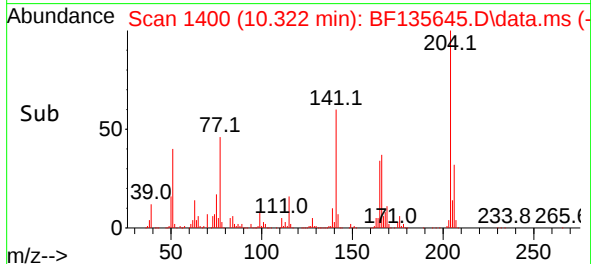
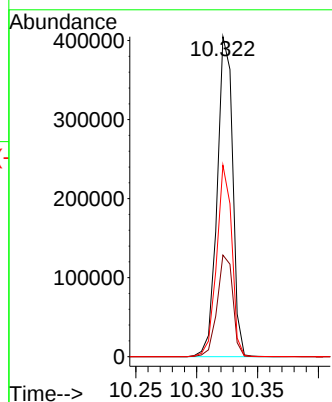
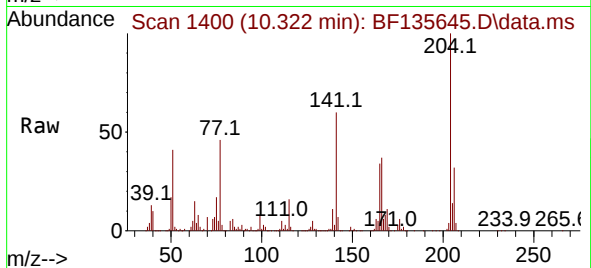




#61
4-Chlorophenyl-phenylether
Concen: 45.275 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

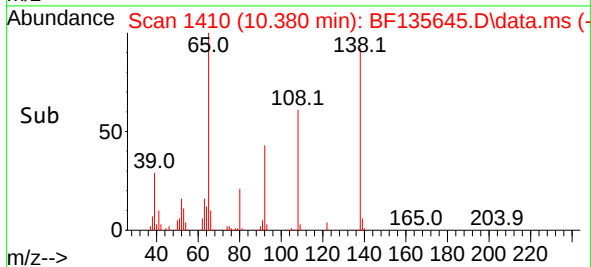
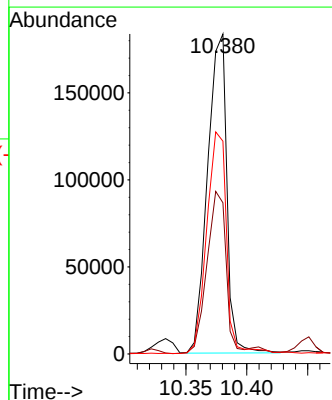
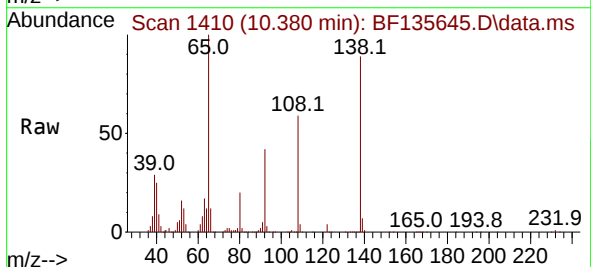
Instrument :
BNA_F
ClientSampleId :
PB156053BS

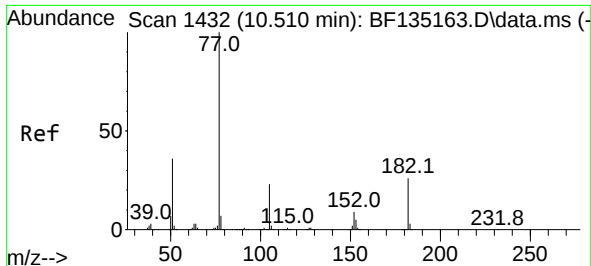
Tgt Ion:204 Resp: 359727
Ion Ratio Lower Upper
204 100
206 31.8 26.7 40.1
141 59.8 50.6 75.8



#62
4-Nitroaniline
Concen: 46.838 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.018 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion:138 Resp: 201605
Ion Ratio Lower Upper
138 100
92 47.2 31.8 71.8
108 66.5 52.0 92.0

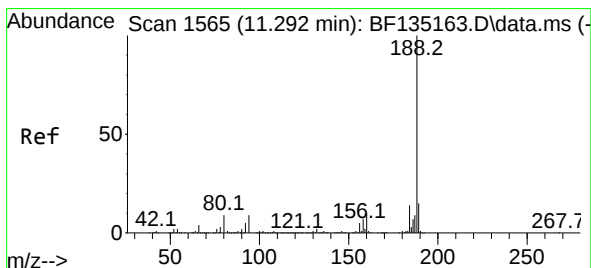
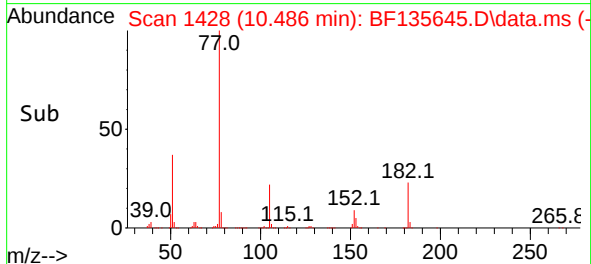
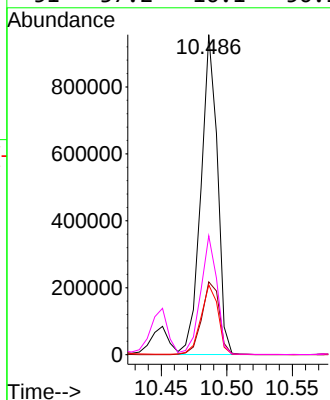
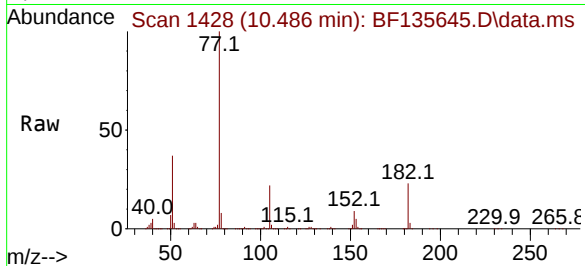




#63
Azobenzene
Concen: 48.851 ng
RT: 10.486 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

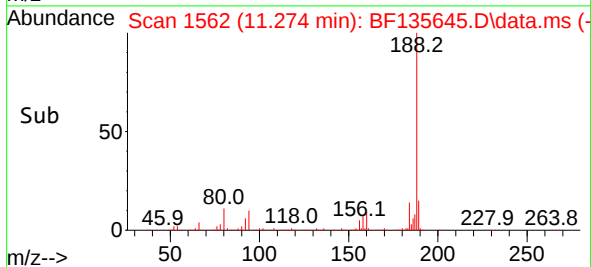
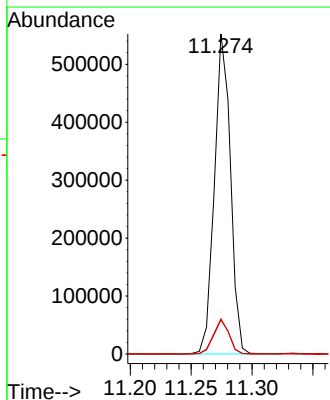
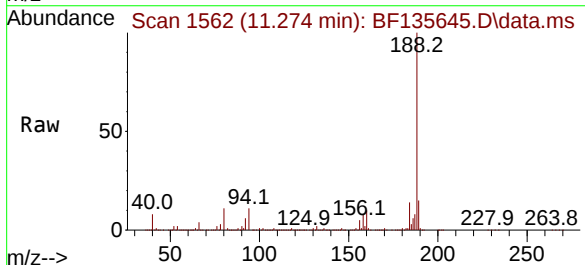
Instrument :
BNA_F
ClientSampleId :
PB156053BS

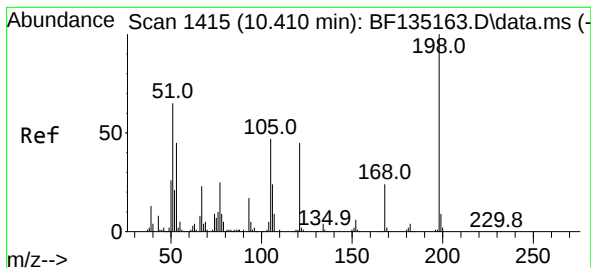
Tgt Ion: 77	Resp: 835534
Ion Ratio	Lower Upper
77 100	
182 22.8	6.4 46.4
105 21.8	3.1 43.1
51 37.2	16.1 56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion:188	Resp: 508261		
Ion Ratio	Lower	Upper	
188 100			
94 10.6	7.0	10.6#	
80 11.0	7.5	11.3	

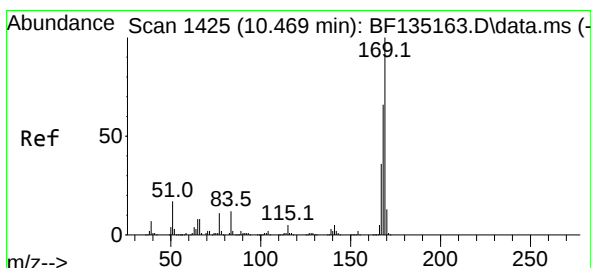
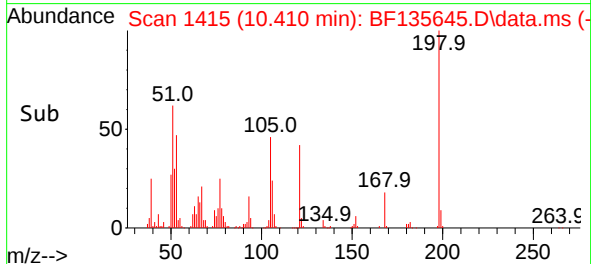
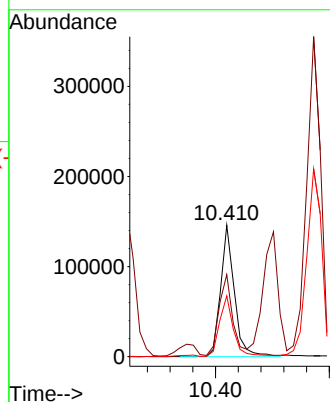
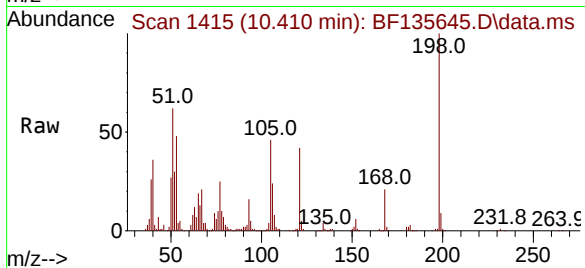




#65
4,6-Dinitro-2-methylphenol
Concen: 45.604 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.012 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

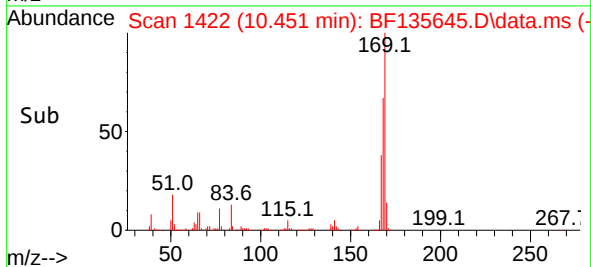
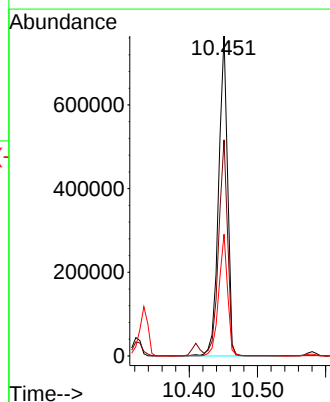
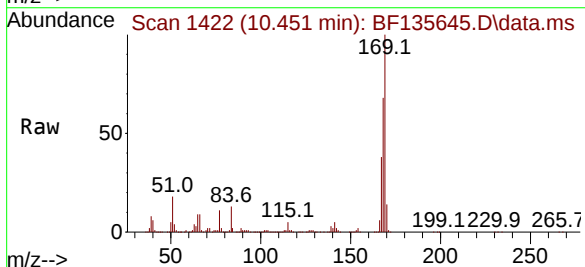
Instrument :
BNA_F
ClientSampleId :
PB156053BS

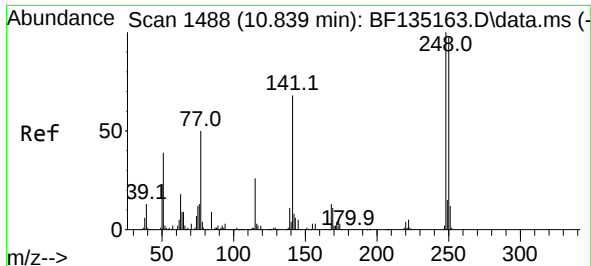
Tgt Ion:198 Resp: 123109
Ion Ratio Lower Upper
198 100
51 62.5 47.7 87.7
105 46.2 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 45.629 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion:169 Resp: 702116
Ion Ratio Lower Upper
169 100
168 67.5 52.8 79.2
167 38.1 29.0 43.6

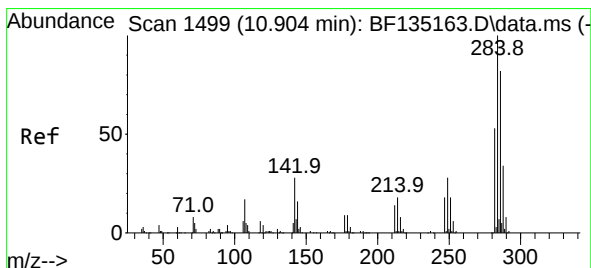
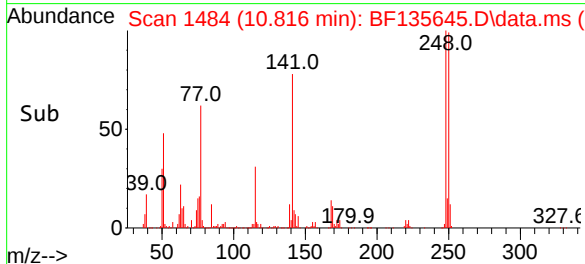
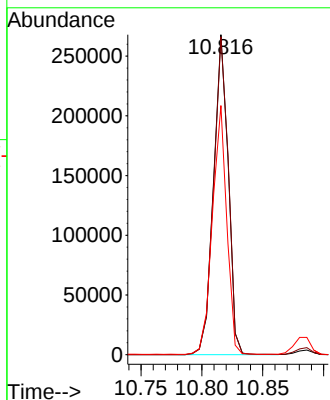
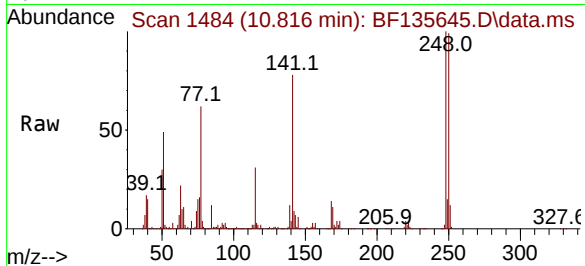




#67
4-Bromophenyl-phenylether
Concen: 44.588 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.006 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

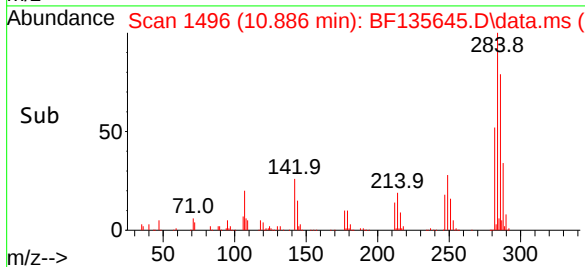
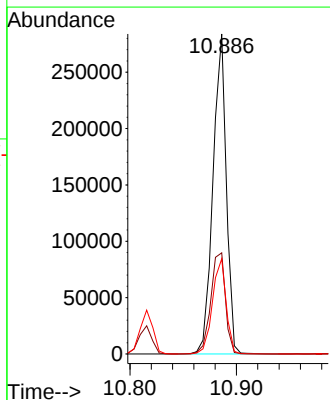
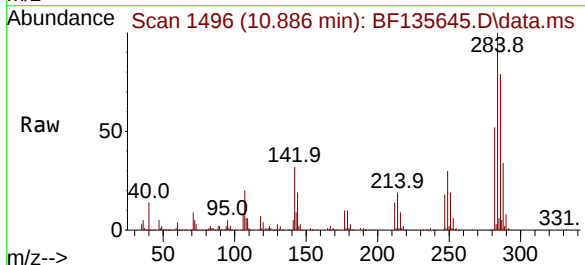
Instrument :
BNA_F
ClientSampleId :
PB156053BS

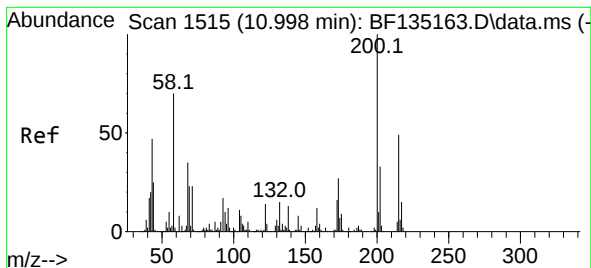
Tgt Ion:248 Resp: 225396
Ion Ratio Lower Upper
248 100
250 99.3 78.6 117.8
141 77.9 54.2 81.2



#68
Hexachlorobenzene
Concen: 48.025 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.012 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion:284 Resp: 247324
Ion Ratio Lower Upper
284 100
142 31.6 22.2 33.4
249 29.8 22.5 33.7





#69

Atrazine

Concen: 54.383 ng

RT: 10.986 min Scan# 1513

Delta R.T. 0.012 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB156053BS

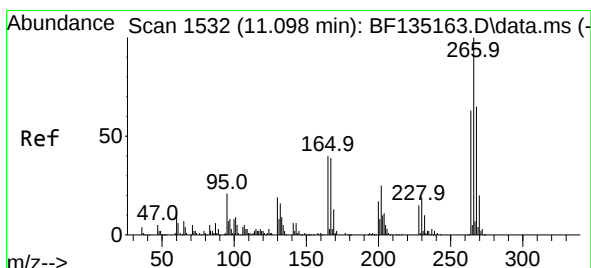
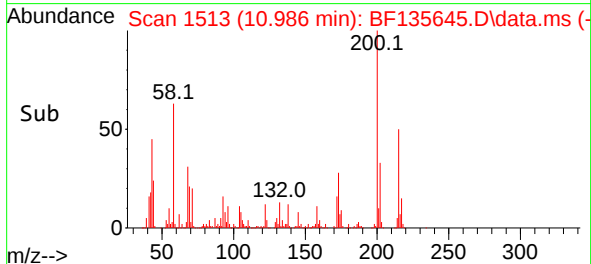
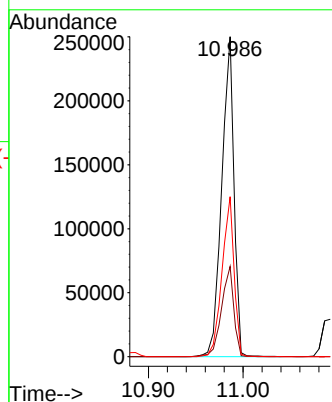
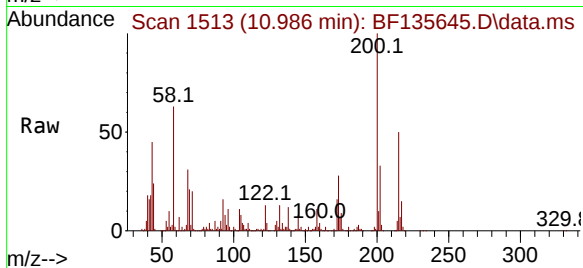
Tgt Ion:200 Resp: 225163

Ion Ratio Lower Upper

200 100

173 28.2 7.4 47.4

215 50.0 28.6 68.6



#70

Pentachlorophenol

Concen: 68.780 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.012 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

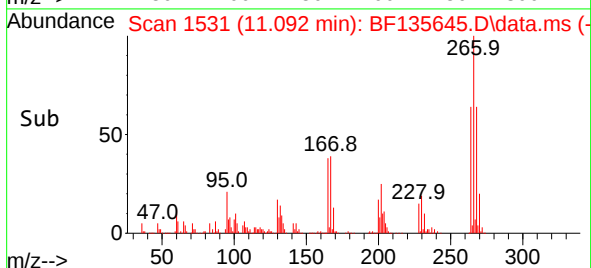
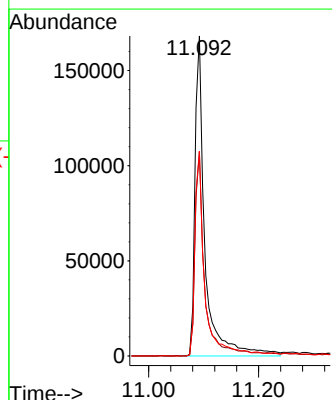
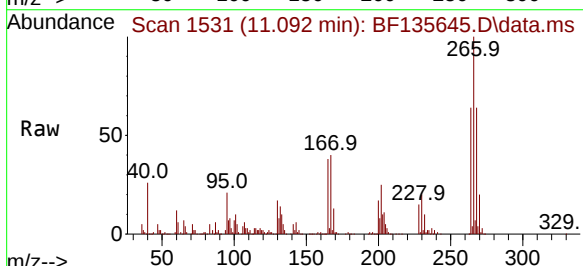
Tgt Ion:266 Resp: 211924

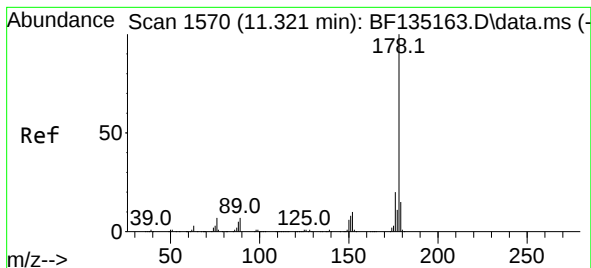
Ion Ratio Lower Upper

266 100

268 63.7 52.1 78.1

264 64.1 50.8 76.2





#71

Phenanthrene

Concen: 47.195 ng

RT: 11.304 min Scan# 1567

Delta R.T. 0.012 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB156053BS

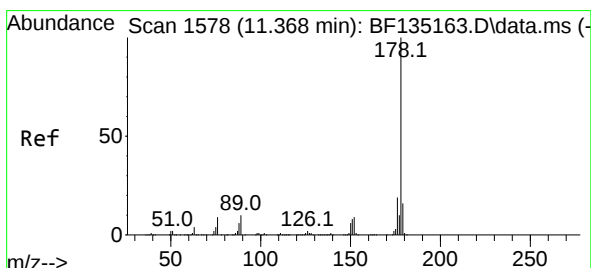
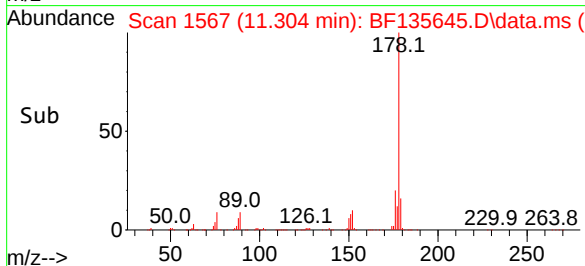
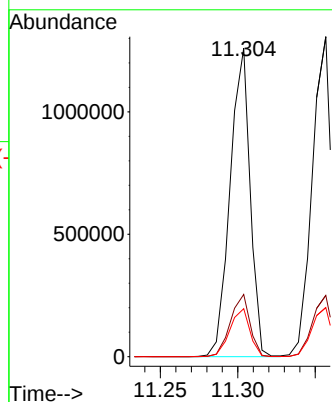
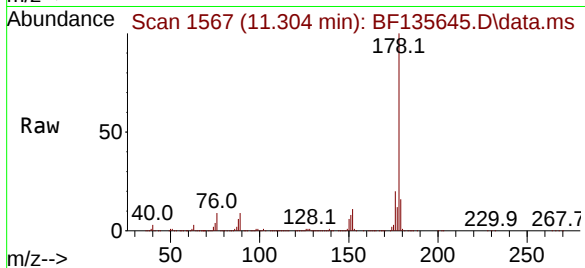
Tgt Ion:178 Resp: 1134496

Ion Ratio Lower Upper

178 100

176 20.1 15.6 23.4

179 15.6 12.0 18.0



#72

Anthracene

Concen: 46.647 ng

RT: 11.357 min Scan# 1576

Delta R.T. 0.012 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

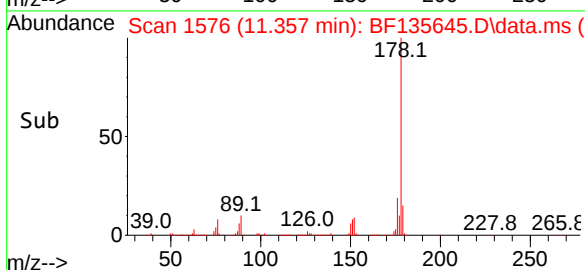
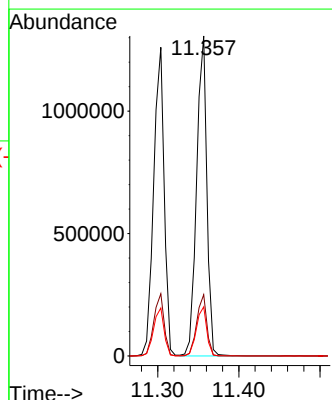
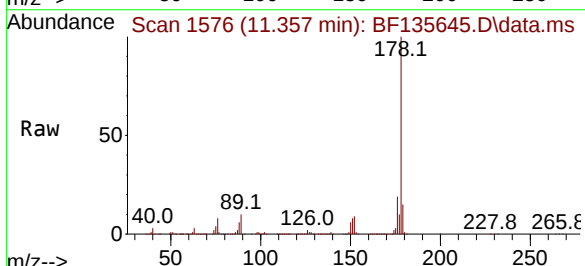
Tgt Ion:178 Resp: 1152613

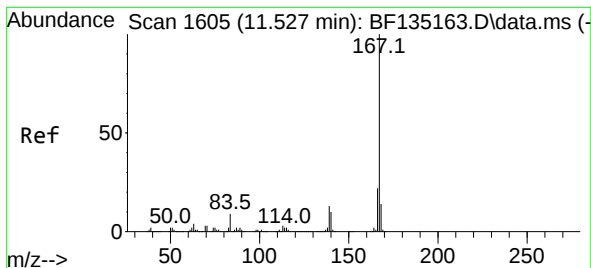
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.4 12.6 19.0





#73

Carbazole

Concen: 50.418 ng

RT: 11.516 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB156053BS

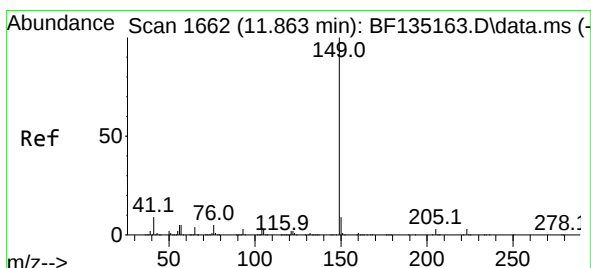
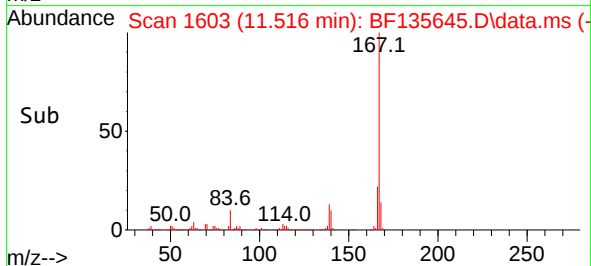
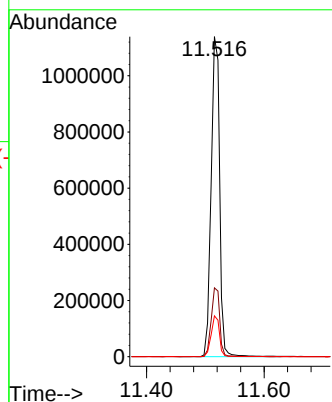
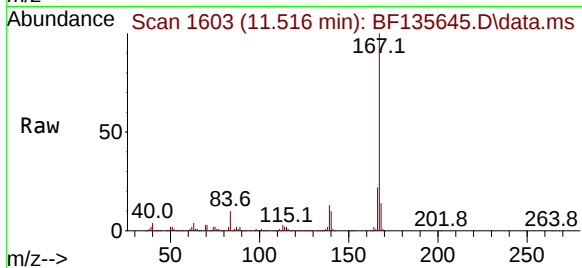
Tgt Ion:167 Resp: 1134054

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

139 12.8 10.6 15.8



#74

Di-n-butylphthalate

Concen: 49.777 ng

RT: 11.845 min Scan# 1659

Delta R.T. 0.012 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

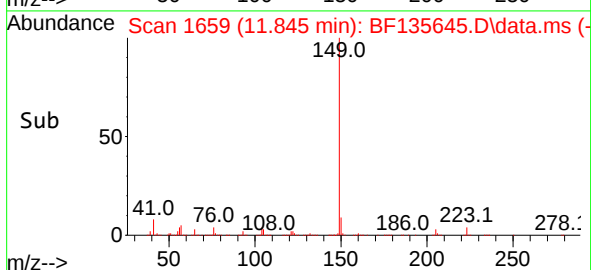
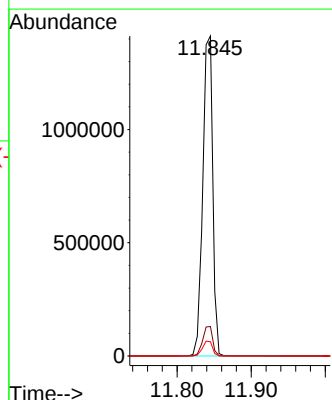
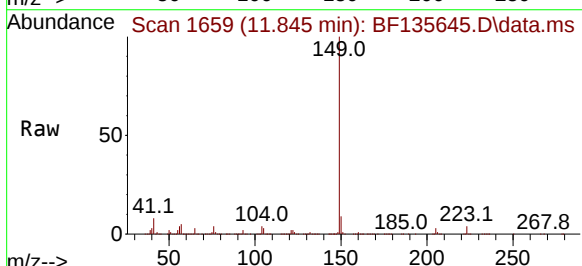
Tgt Ion:149 Resp: 1319333

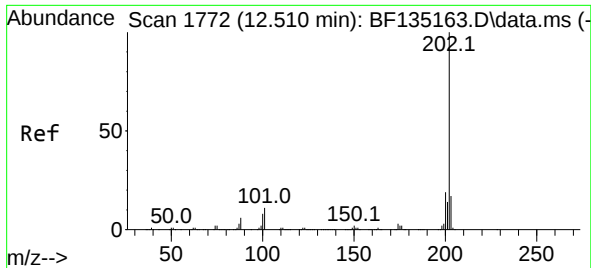
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.5 3.6 5.4

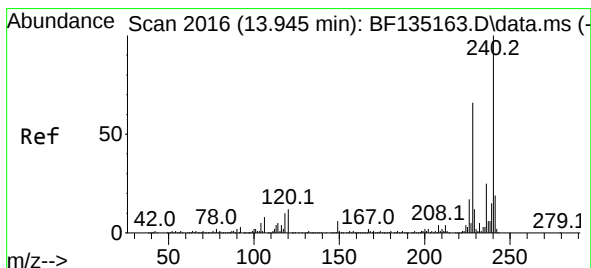
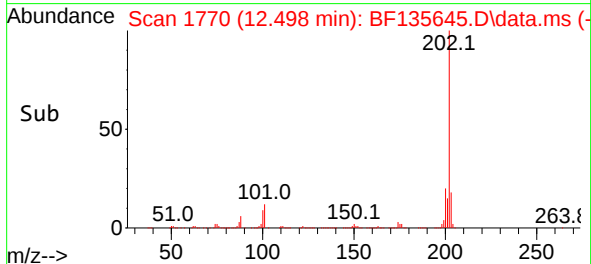
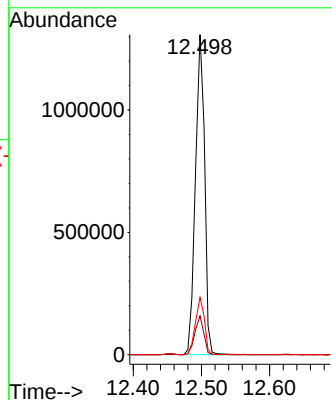
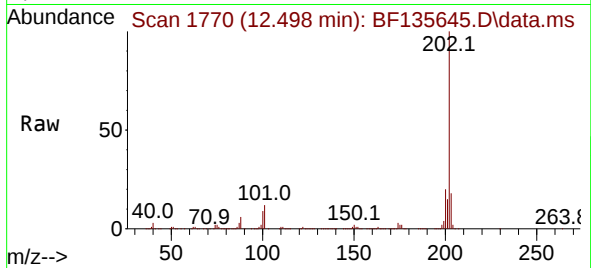




#75
Fluoranthene
Concen: 48.394 ng
RT: 12.498 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

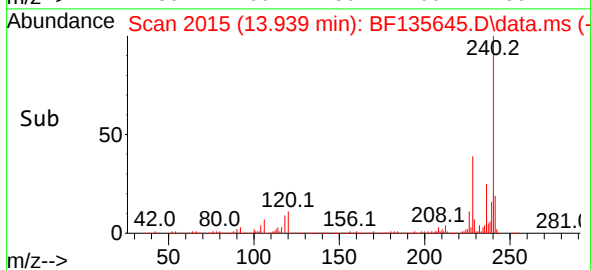
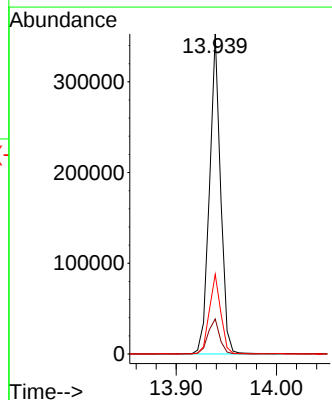
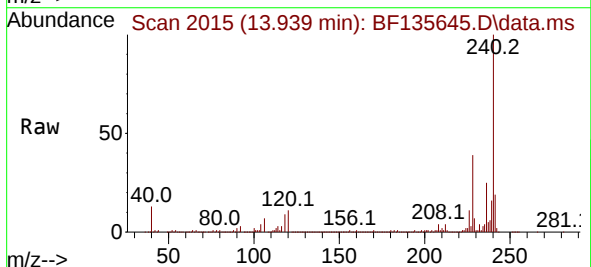
Instrument :
BNA_F
ClientSampleId :
PB156053BS

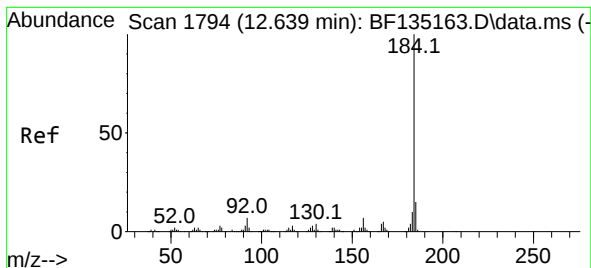
Tgt Ion:202 Resp: 1212167
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.3
203 17.9 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.012 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion:240 Resp: 271300
Ion Ratio Lower Upper
240 100
120 11.0 9.4 14.2
236 24.9 19.8 29.8





#77

Benzidine

Concen: 62.583 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB156053BS

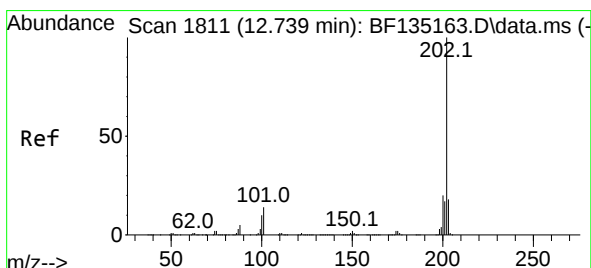
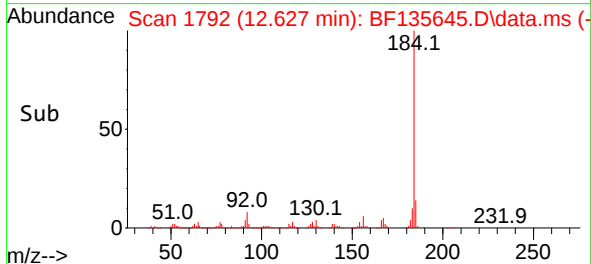
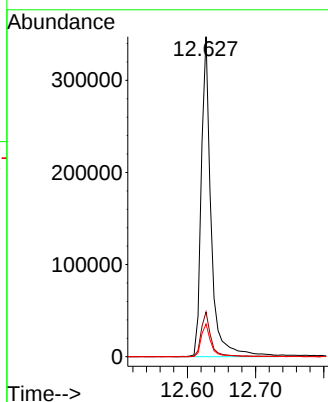
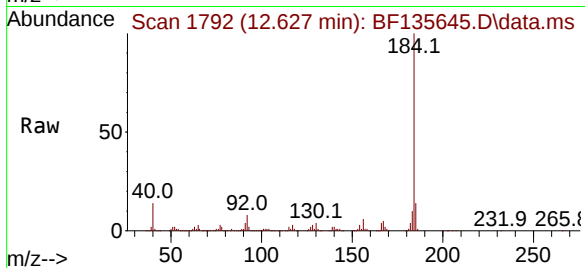
Tgt Ion:184 Resp: 347843

Ion Ratio Lower Upper

184 100

185 14.0 11.7 17.5

183 10.2 8.2 12.4



#78

Pyrene

Concen: 47.701 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.012 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

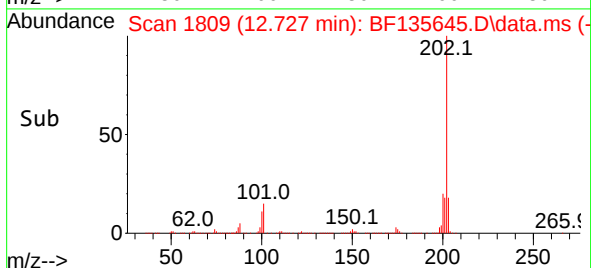
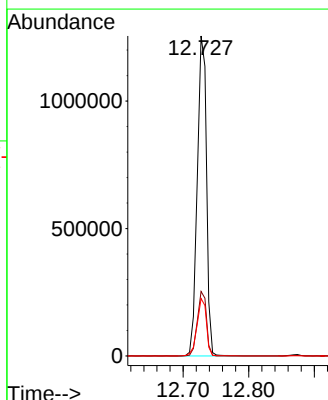
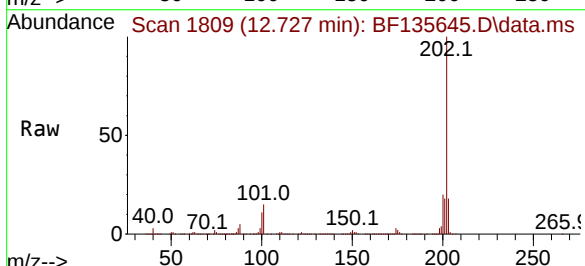
Tgt Ion:202 Resp: 1232120

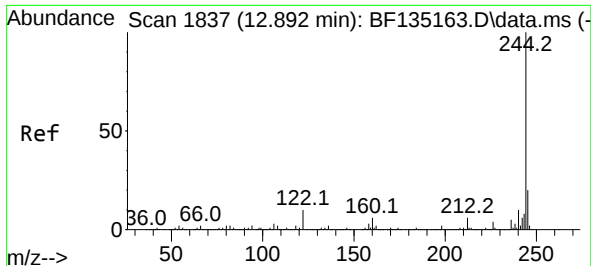
Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

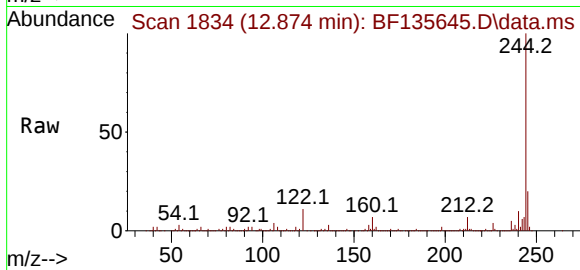
203 18.0 14.2 21.4



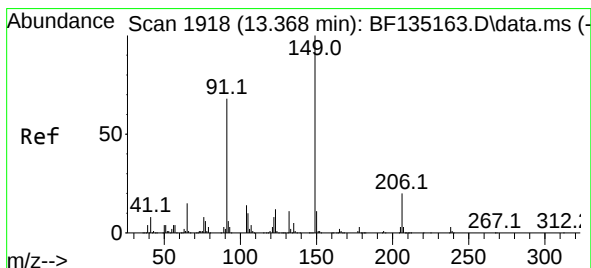
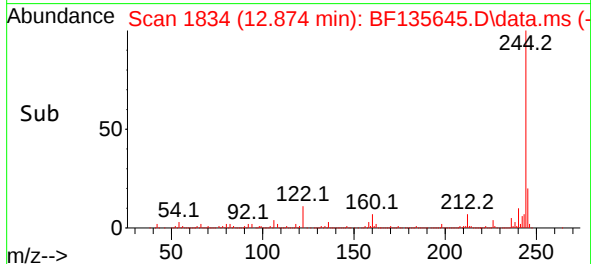
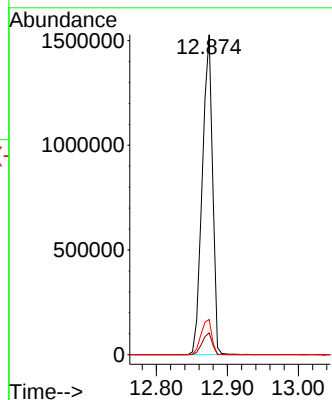


#79
 Terphenyl-d14
 Concen: 88.120 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. 0.012 min
 Lab File: BF135645.D
 Acq: 09 Oct 2023 11:16

Instrument :
 BNA_F
 ClientSampleId :
 PB156053BS

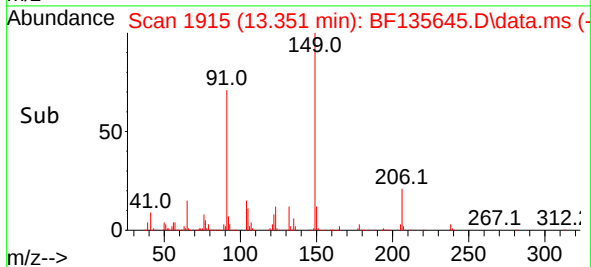
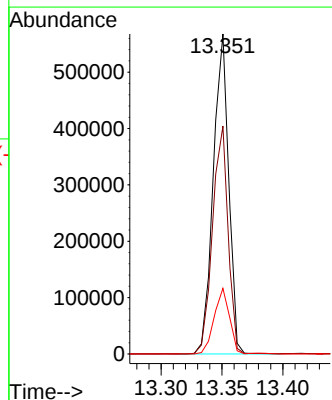
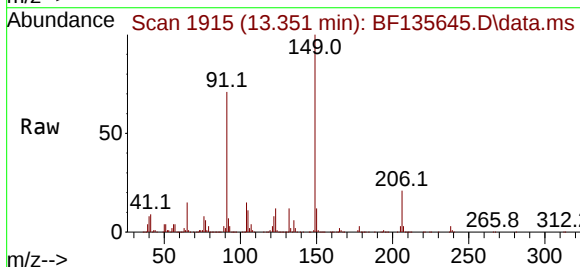


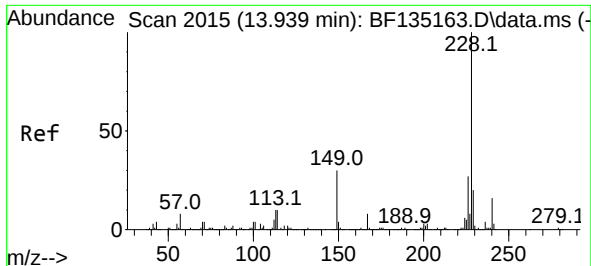
Tgt Ion:244 Resp: 1542201
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.0 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 55.172 ng
 RT: 13.351 min Scan# 1915
 Delta R.T. 0.012 min
 Lab File: BF135645.D
 Acq: 09 Oct 2023 11:16

Tgt Ion:149 Resp: 501749
 Ion Ratio Lower Upper
 149 100
 91 71.2 54.7 82.1
 206 20.5 16.3 24.5

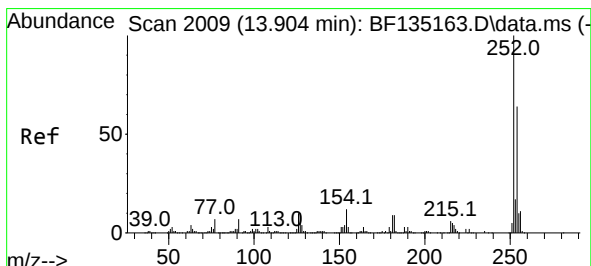
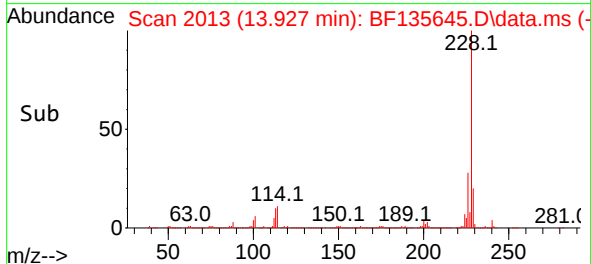
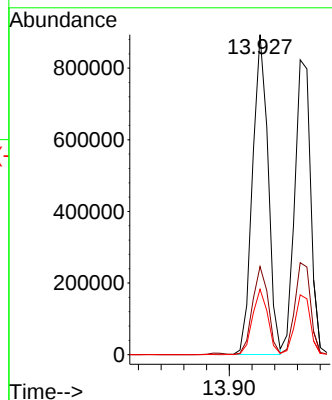
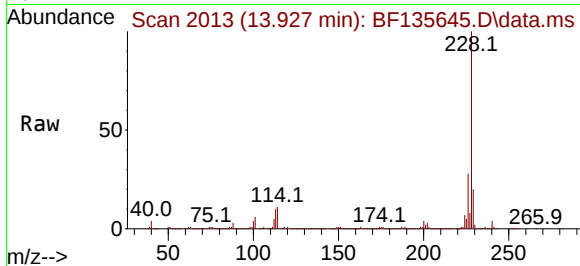




#81
Benzo(a)anthracene
Concen: 48.542 ng
RT: 13.927 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

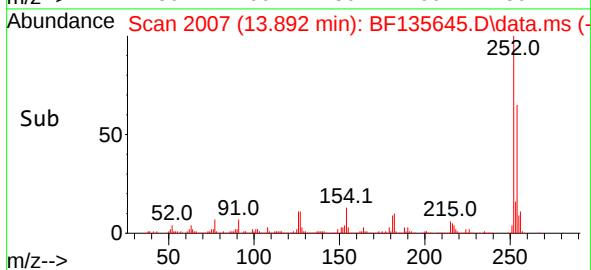
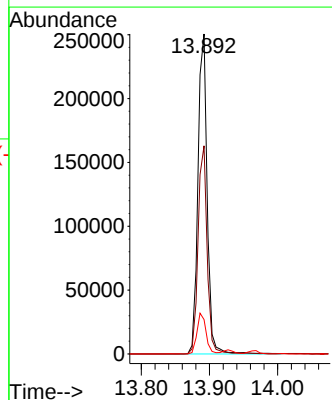
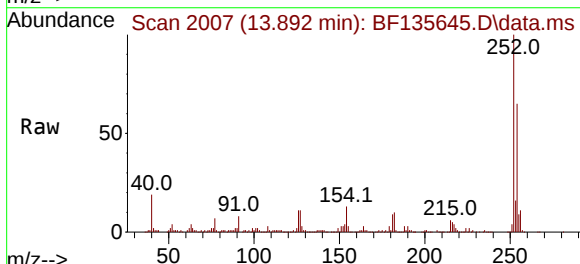
Instrument :
BNA_F
ClientSampleId :
PB156053BS

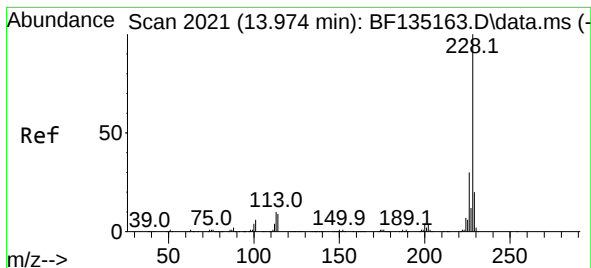
Tgt Ion:228 Resp: 850391
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 20.4 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 43.227 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion:252 Resp: 236538
Ion Ratio Lower Upper
252 100
254 65.1 51.0 76.4
126 10.7 7.8 11.8





#83

Chrysene

Concen: 46.187 ng

RT: 13.962 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB156053BS

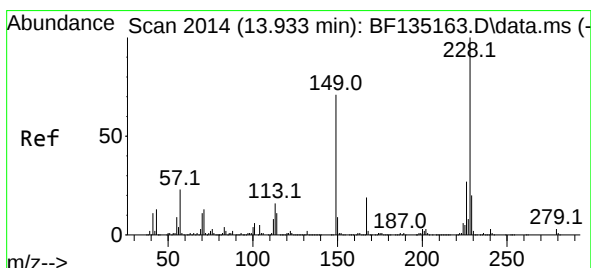
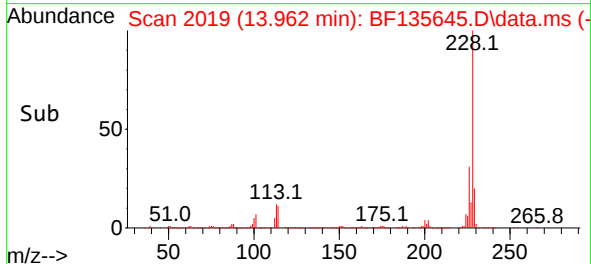
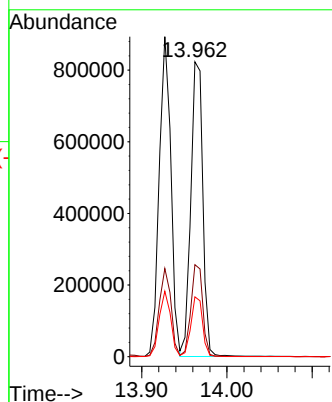
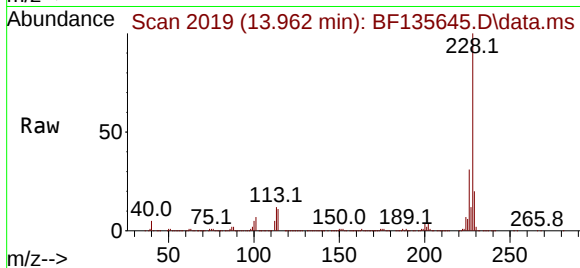
Tgt Ion:228 Resp: 804463

Ion Ratio Lower Upper

228 100

226 31.2 24.3 36.5

229 20.3 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.935 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

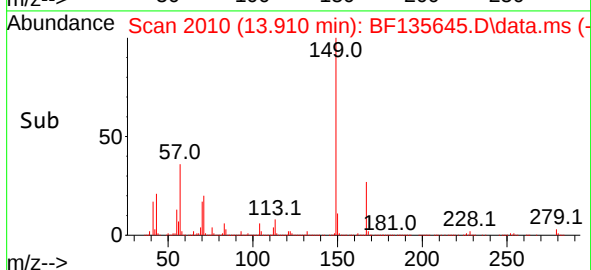
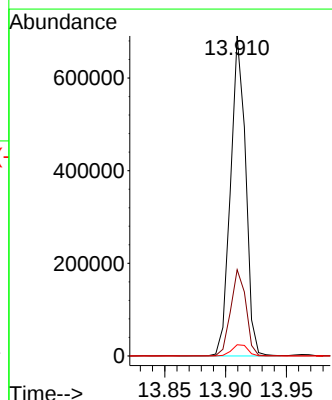
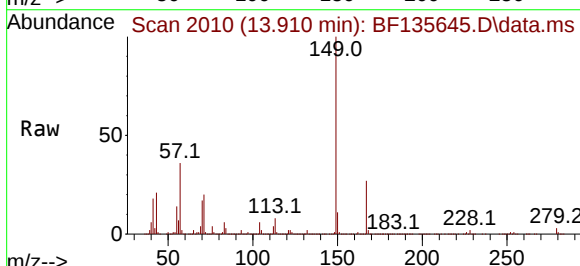
Tgt Ion:149 Resp: 596657

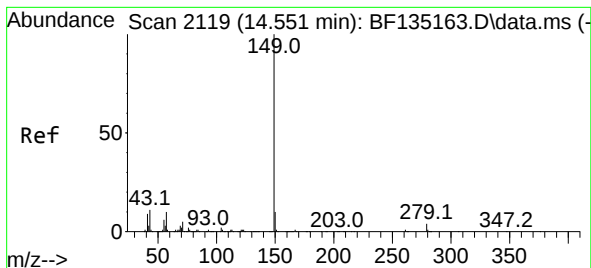
Ion Ratio Lower Upper

149 100

167 26.9 21.9 32.9

279 3.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 56.259 ng

RT: 14.527 min Scan# 2115

Delta R.T. 0.006 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB156053BS

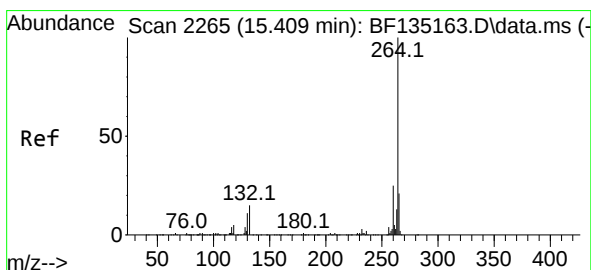
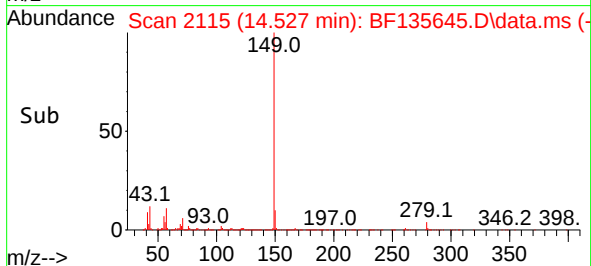
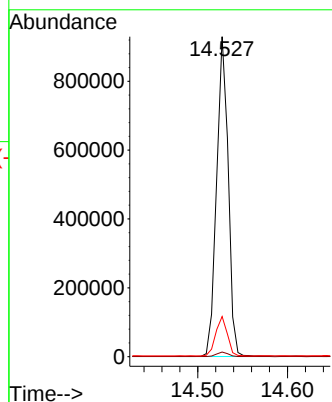
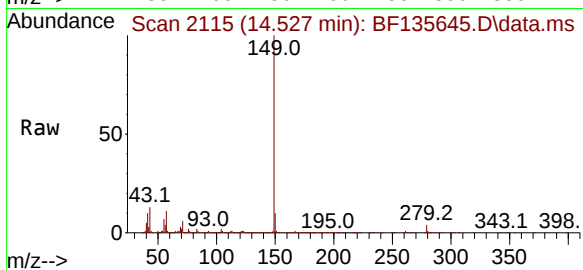
Tgt Ion:149 Resp: 834366

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 12.2 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

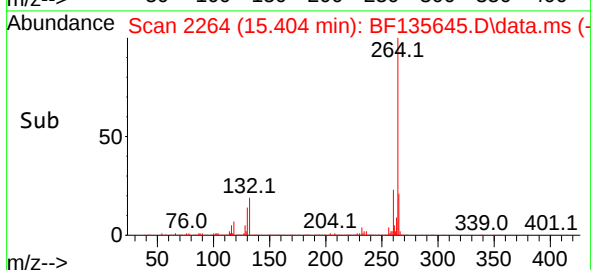
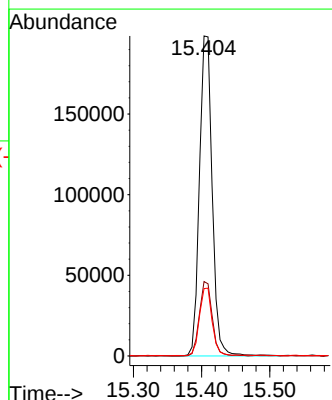
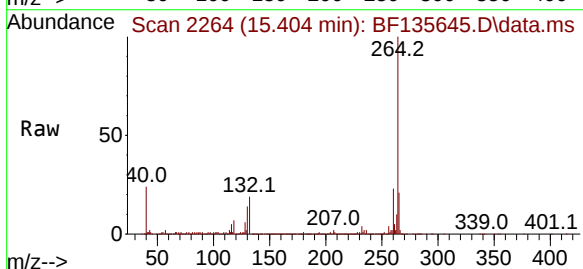
Tgt Ion:264 Resp: 258903

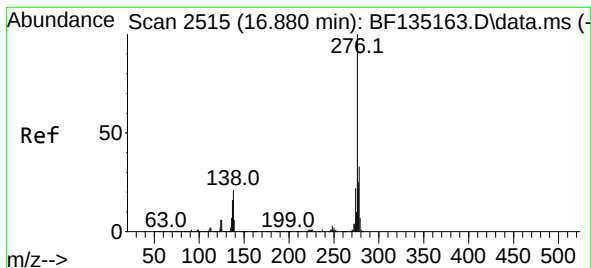
Ion Ratio Lower Upper

264 100

260 23.3 19.8 29.6

265 21.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.282 ng

RT: 16.909 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB156053BS

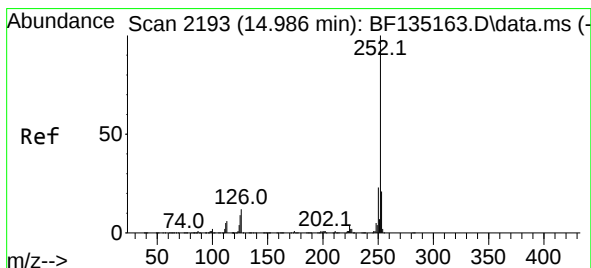
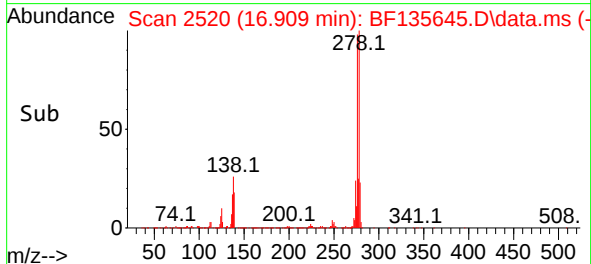
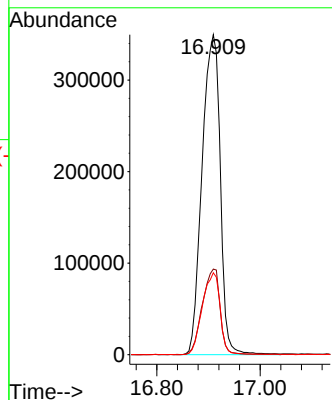
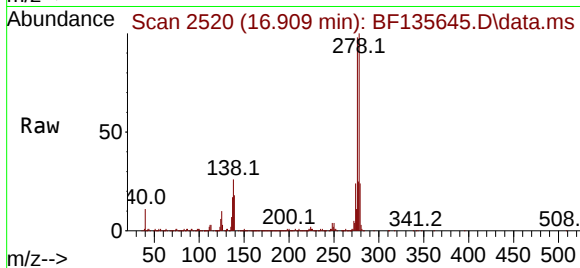
Tgt Ion:276 Resp: 853555

Ion Ratio Lower Upper

276 100

138 26.1 19.2 28.8

277 25.2 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 47.111 ng

RT: 14.980 min Scan# 2192

Delta R.T. 0.018 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

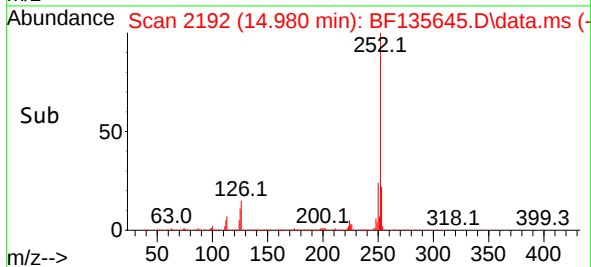
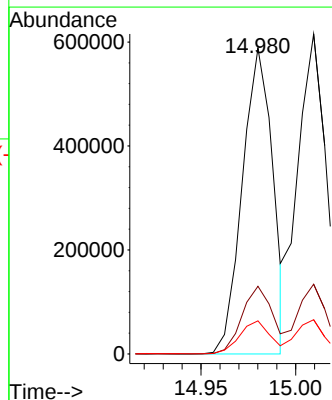
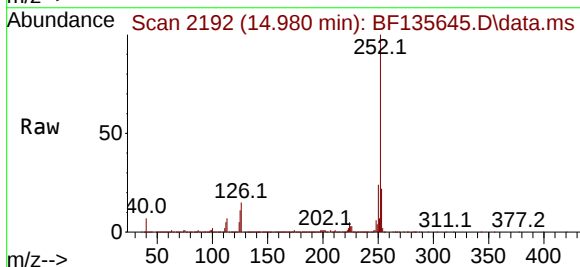
Tgt Ion:252 Resp: 660282

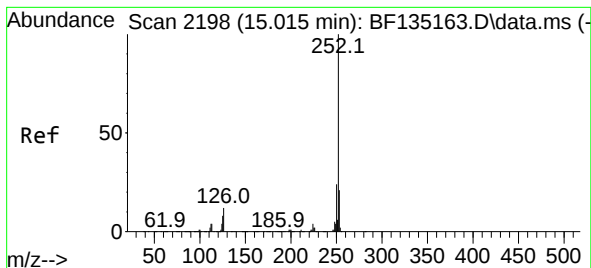
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 10.8 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 46.703 ng

RT: 15.009 min Scan# 2198

Delta R.T. 0.018 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB156053BS

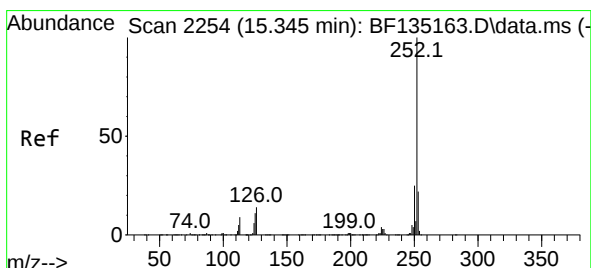
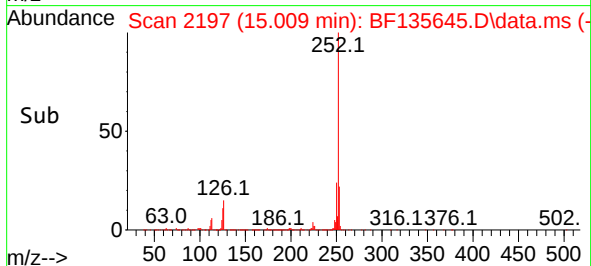
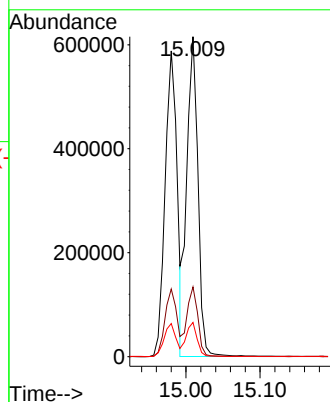
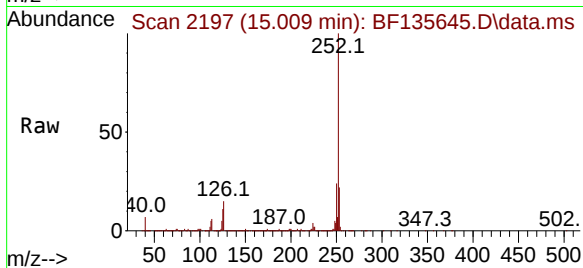
Tgt Ion:252 Resp: 646584

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 10.7 7.2 10.8



#90

Benzo(a)pyrene

Concen: 45.601 ng

RT: 15.345 min Scan# 2254

Delta R.T. 0.018 min

Lab File: BF135645.D

Acq: 09 Oct 2023 11:16

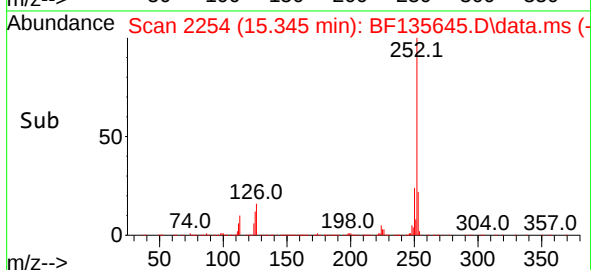
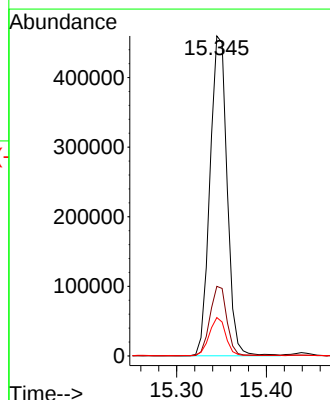
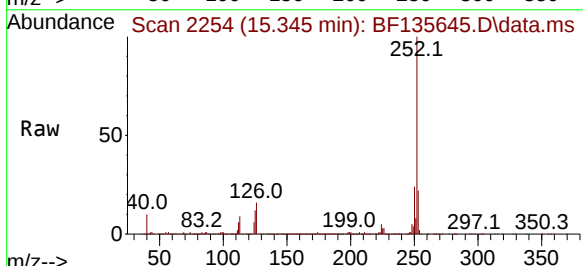
Tgt Ion:252 Resp: 609479

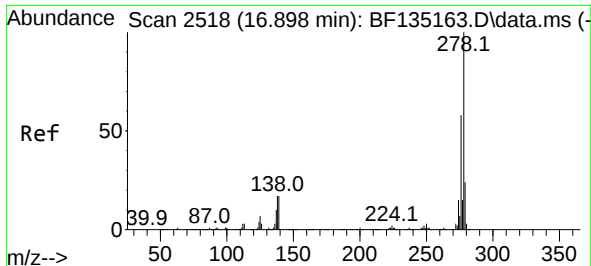
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 12.0 9.2 13.8

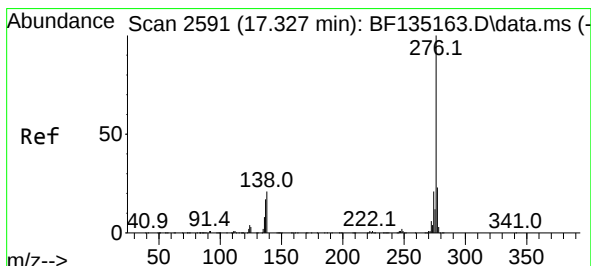
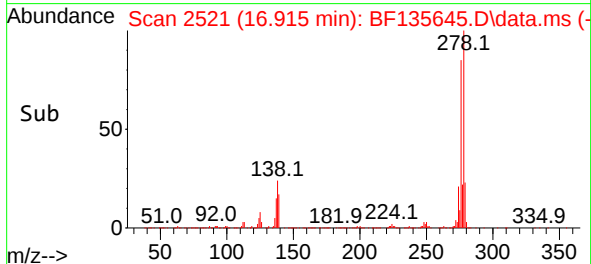
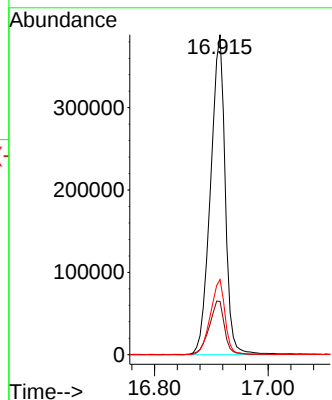
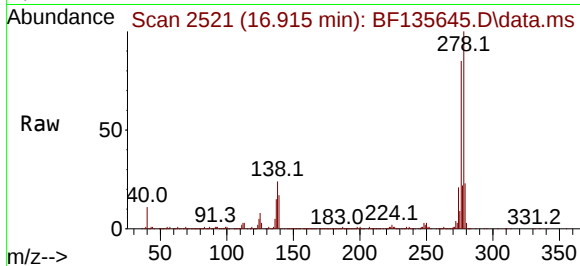




#91
Dibenzo(a,h)anthracene
Concen: 49.959 ng
RT: 16.915 min Scan# 2521
Delta R.T. 0.035 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Instrument :
BNA_F
ClientSampleId :
PB156053BS

Tgt Ion:278 Resp: 693902
Ion Ratio Lower Upper
278 100
139 16.7 13.4 20.0
279 23.5 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 50.589 ng
RT: 17.356 min Scan# 2596
Delta R.T. 0.041 min
Lab File: BF135645.D
Acq: 09 Oct 2023 11:16

Tgt Ion:276 Resp: 733828
Ion Ratio Lower Upper
276 100
277 23.2 18.8 28.2
138 21.8 16.9 25.3

