

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135256.D
 Acq On : 14 Sep 2023 16:12
 Operator : CG\JU
 Sample : PB154922BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154922BS

Quant Time: Sep 15 01:23:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	124880	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	482722	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	232739	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	489559	20.000	ng	0.00
76) Chrysene-d12	13.951	240	253636	20.000	ng	0.00
86) Perylene-d12	15.415	264	233794	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	980612	127.716	ng	0.02
7) Phenol-d6	6.416	99	1251139	128.149	ng	0.01
23) Nitrobenzene-d5	7.334	82	806302	90.748	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	332550	143.783	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1396369	90.519	ng	0.00
79) Terphenyl-d14	12.892	244	1547542	94.584	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	127231	37.800	ng	98
3) Pyridine	3.340	79	309538	34.169	ng	97
4) n-Nitrosodimethylamine	3.304	42	201532	41.923	ng	98
6) Aniline	6.434	93	409470	31.983	ng	# 71
8) 2-Chlorophenol	6.551	128	392840	47.928	ng	100
9) Benzaldehyde	6.316	77	143227	25.752	ng	97
10) Phenol	6.428	94	450434	42.074	ng	84
11) bis(2-Chloroethyl)ether	6.510	93	364560	45.397	ng	99
12) 1,3-Dichlorobenzene	6.704	146	382889	45.966	ng	99
13) 1,4-Dichlorobenzene	6.781	146	388516	45.843	ng	99
14) 1,2-Dichlorobenzene	6.934	146	365945	46.497	ng	98
15) Benzyl Alcohol	6.916	79	323523	46.179	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.045	45	680543	44.960	ng	97
17) 2-Methylphenol	7.028	107	309671	42.814	ng	97
18) Hexachloroethane	7.269	117	144230	46.059	ng	92
19) n-Nitroso-di-n-propyla...	7.187	70	259478	42.908	ng	95
20) 3+4-Methylphenols	7.181	107	364362	41.893	ng	95
22) Acetophenone	7.181	105	509911	46.203	ng	# 99
24) Nitrobenzene	7.351	77	402004	45.776	ng	98
25) Isophorone	7.592	82	757437	46.425	ng	100
26) 2-Nitrophenol	7.669	139	203471	48.274	ng	94
27) 2,4-Dimethylphenol	7.710	122	346016	48.840	ng	99
28) bis(2-Chloroethoxy)met...	7.804	93	458985	47.002	ng	99
29) 2,4-Dichlorophenol	7.910	162	315611	48.076	ng	99
30) 1,2,4-Trichlorobenzene	7.987	180	328973	47.943	ng	99
31) Naphthalene	8.069	128	1071294	45.676	ng	99
32) Benzoic acid	7.857	122	266918	50.033	ng	97
33) 4-Chloroaniline	8.122	127	176297	17.132	ng	96
34) Hexachlorobutadiene	8.181	225	190907	46.141	ng	99
35) Caprolactam	8.504	113	62169	28.217	ng	95
36) 4-Chloro-3-methylphenol	8.616	107	353023	48.384	ng	98
37) 2-Methylnaphthalene	8.763	142	693845	44.010	ng	97
38) 1-Methylnaphthalene	8.857	142	642126	43.503	ng	99
40) 1,2,4,5-Tetrachloroben...	8.928	216	324115	48.069	ng	99
41) Hexachlorocyclopentadiene	8.910	237	278762	92.551	ng	99
43) 2,4,6-Trichlorophenol	9.045	196	221859	50.255	ng	99

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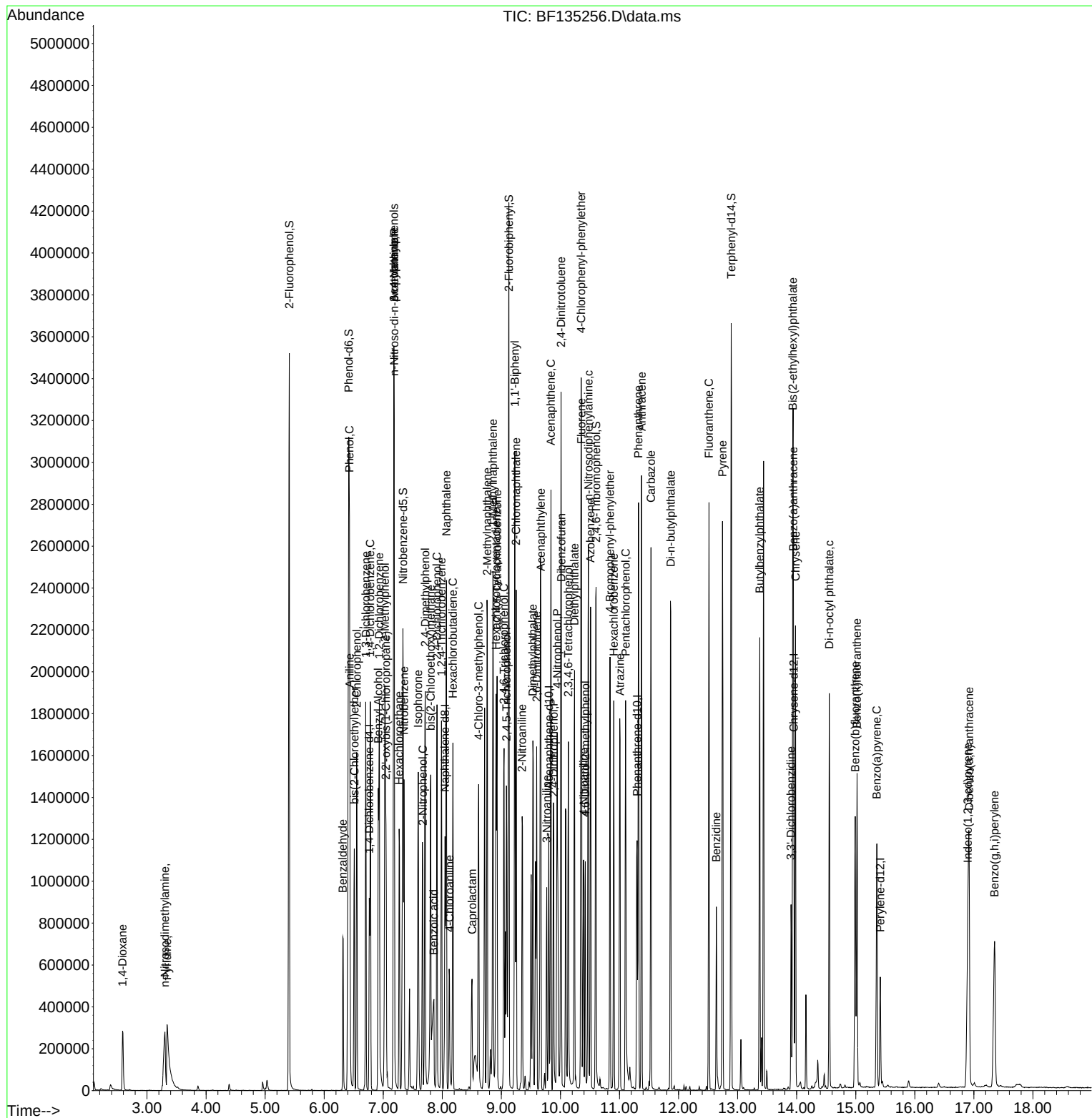
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	246786	48.542	ng	97
46) 1,1'-Biphenyl	9.228	154	868967	48.585	ng	99
47) 2-Chloronaphthalene	9.251	162	644920	49.697	ng	97
48) 2-Nitroaniline	9.351	65	251306	49.847	ng	95
49) Acenaphthylene	9.669	152	982275	45.545	ng	99
50) Dimethylphthalate	9.533	163	784434	49.851	ng	100
51) 2,6-Dinitrotoluene	9.598	165	167703	48.650	ng	93
52) Acenaphthene	9.839	154	591387	46.418	ng	99
53) 3-Nitroaniline	9.769	138	132544	32.756	ng	94
54) 2,4-Dinitrophenol	9.886	184	185848	93.801	ng	91
55) Dibenzofuran	10.016	168	895275	46.049	ng	100
56) 4-Nitrophenol	9.945	139	259134	100.765	ng	99
57) 2,4-Dinitrotoluene	10.010	165	207004	47.968	ng	88
58) Fluorene	10.357	166	715856	47.895	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	204780	52.362	ng	99
60) Diethylphthalate	10.239	149	755853	47.863	ng	100
61) 4-Chlorophenyl-phenyle...	10.351	204	339556	47.294	ng	93
62) 4-Nitroaniline	10.392	138	195894	50.364	ng	99
63) Azobenzene	10.510	77	767098	49.633	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	130835	50.317	ng	90
66) n-Nitrosodiphenylamine	10.475	169	673585	45.447	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	221836	45.561	ng	95
68) Hexachlorobenzene	10.904	284	239511	48.284	ng	93
69) Atrazine	11.010	200	226087	56.692	ng	99
70) Pentachlorophenol	11.104	266	255159	85.975	ng	99
71) Phenanthrene	11.322	178	1065773	46.030	ng	99
72) Anthracene	11.375	178	1080508	45.400	ng	100
73) Carbazole	11.533	167	1029903	47.536	ng	99
74) Di-n-butylphthalate	11.869	149	1256453	49.216	ng	100
75) Fluoranthene	12.516	202	1144164	47.424	ng	99
77) Benzidine	12.639	184	339630	65.361	ng	99
78) Pyrene	12.745	202	1151892	47.701	ng	100
80) Butylbenzylphthalate	13.374	149	482571	56.759	ng	99
81) Benzo(a)anthracene	13.945	228	766155	46.780	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	177438	34.685	ng	# 98
83) Chrysene	13.980	228	753728	46.288	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	554355	63.539	ng	99
85) Di-n-octyl phthalate	14.551	149	855183	61.678	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	767840	50.090	ng	99
88) Benzo(b)fluoranthene	14.992	252	643155	50.818	ng	99
89) Benzo(k)fluoranthene	15.021	252	637400	50.984	ng	99
90) Benzo(a)pyrene	15.357	252	576458	47.762	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	623329	49.697	ng	97
92) Benzo(g,h,i)perylene	17.351	276	631375	48.200	ng	99

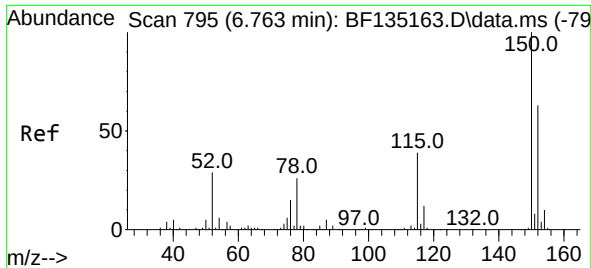
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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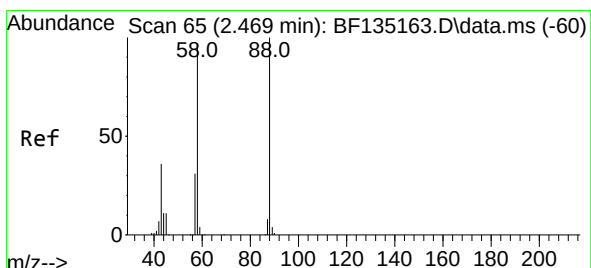
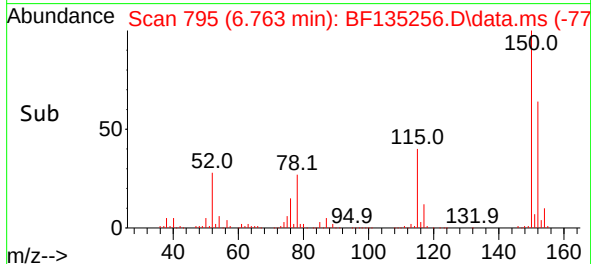
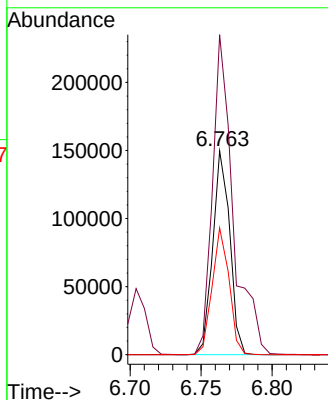
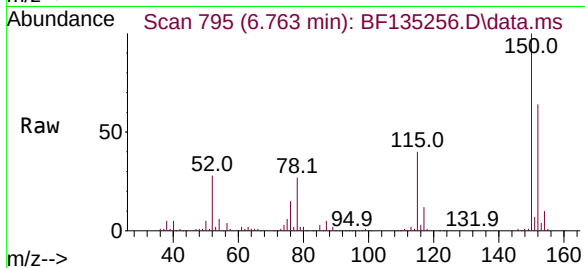




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135256.D
 Acq: 14 Sep 2023 16:12

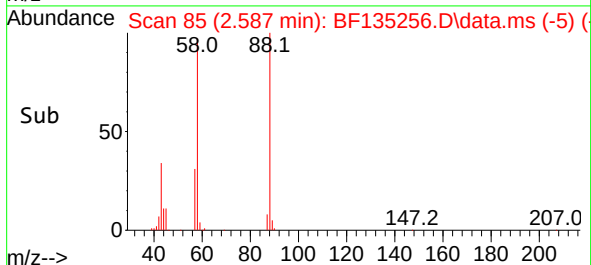
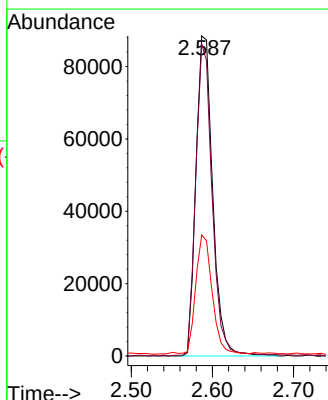
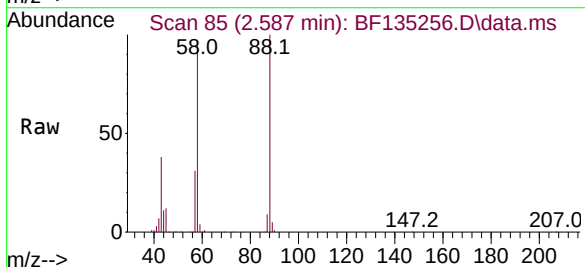
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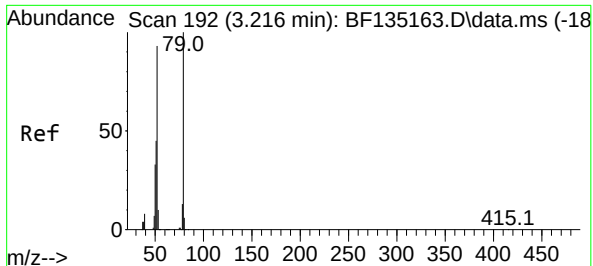
Tgt Ion:152 Resp: 124880
 Ion Ratio Lower Upper
 152 100
 150 157.0 127.8 191.6
 115 62.2 49.8 74.8



#2
 1,4-Dioxane
 Concen: 37.800 ng
 RT: 2.587 min Scan# 85
 Delta R.T. 0.118 min
 Lab File: BF135256.D
 Acq: 14 Sep 2023 16:12

Tgt Ion: 88 Resp: 127231
 Ion Ratio Lower Upper
 88 100
 58 95.4 78.3 117.5
 43 35.8 29.4 44.0

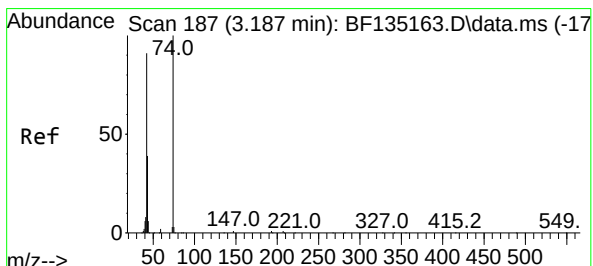
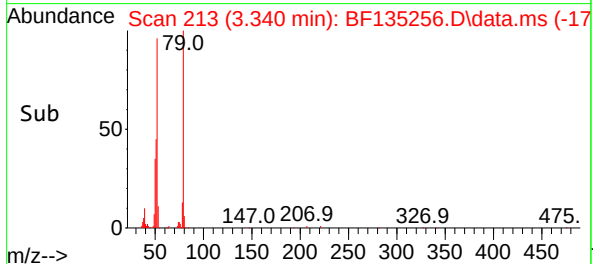
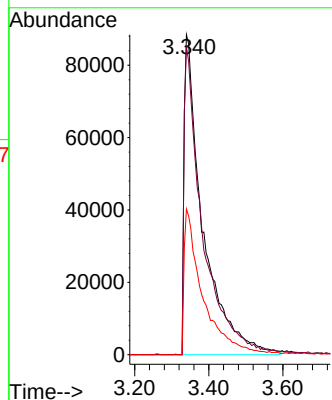
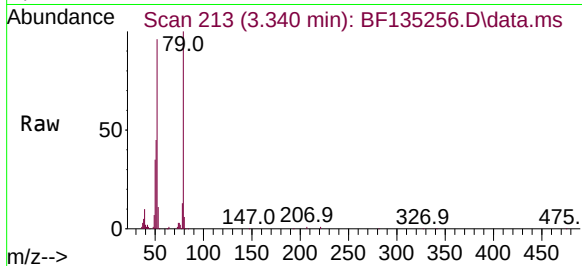




#3
Pyridine
Concen: 34.169 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.124 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

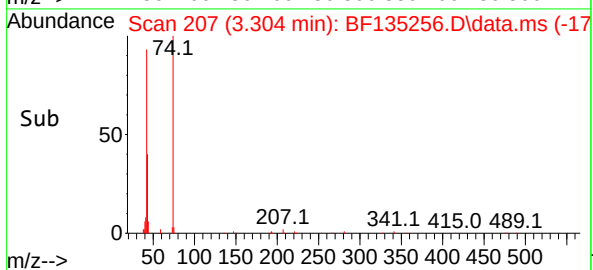
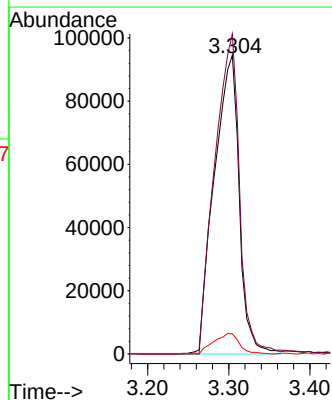
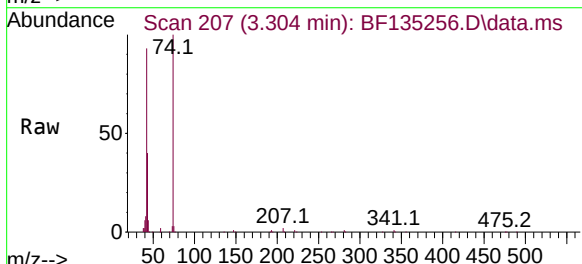
Instrument :
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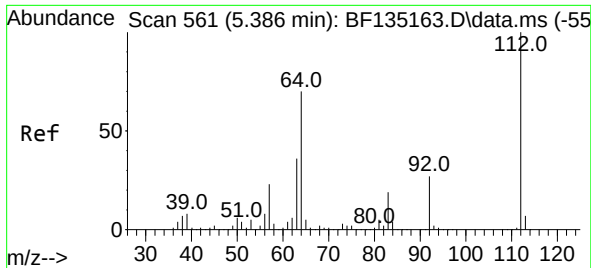
Tgt Ion: 79 Resp: 309538
Ion Ratio Lower Upper
79 100
52 96.2 74.1 111.1
51 45.5 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 41.923 ng
RT: 3.304 min Scan# 207
Delta R.T. 0.118 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion: 42 Resp: 201532
Ion Ratio Lower Upper
42 100
74 107.1 87.7 131.5
44 6.7 5.6 8.4

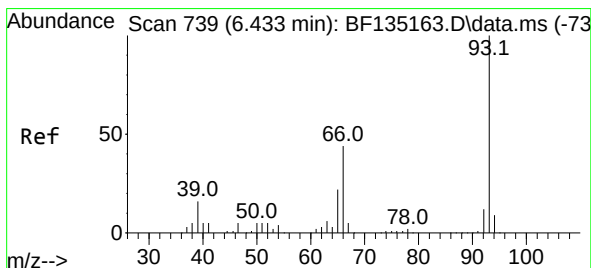
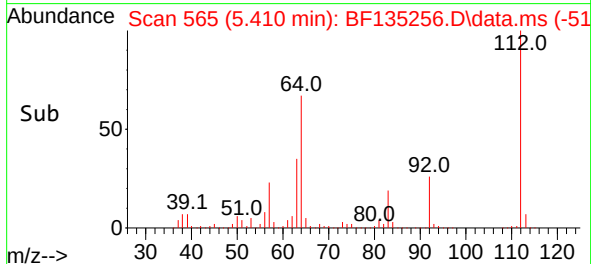
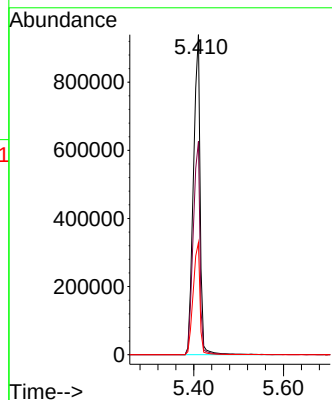
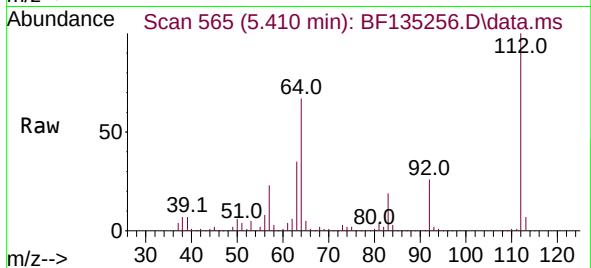




#5
2-Fluorophenol
Concen: 127.716 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.024 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

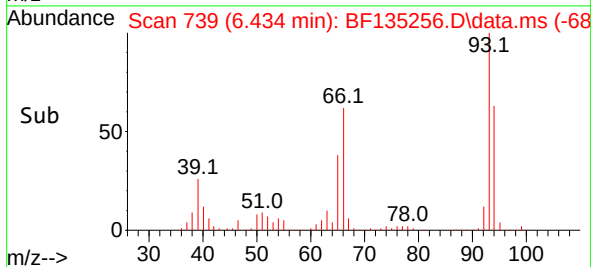
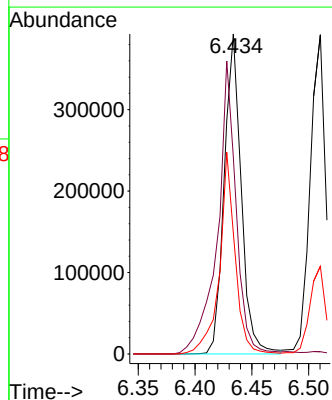
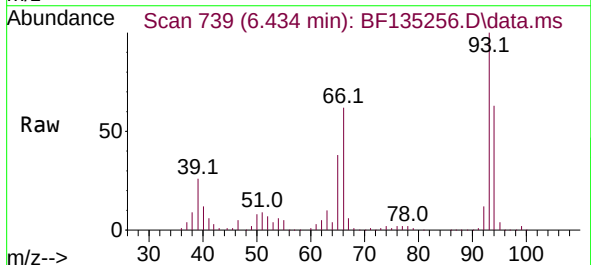
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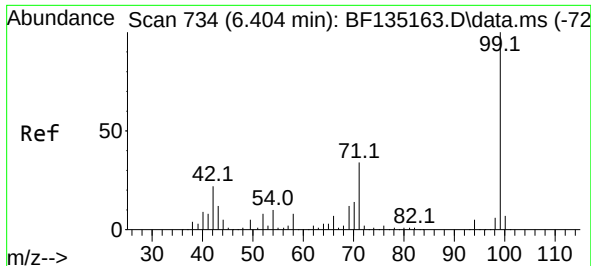
Tgt Ion:112 Resp: 980612
Ion Ratio Lower Upper
112 100
64 66.7 55.9 83.9
63 35.0 29.0 43.6



#6
Aniline
Concen: 31.983 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF135256.D
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Tgt Ion: 93 Resp: 409470
Ion Ratio Lower Upper
93 100
66 61.6 35.4 53.0#
65 37.8 17.8 26.8#

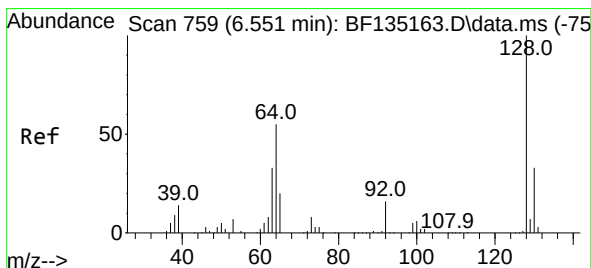
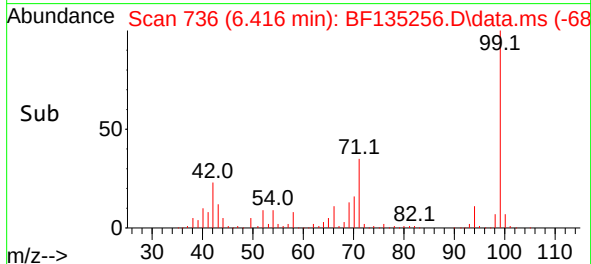
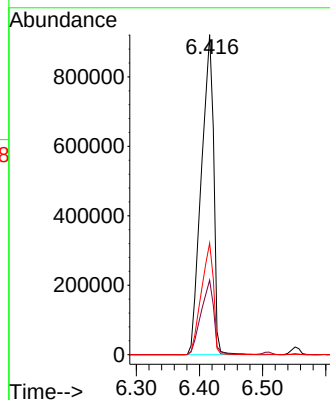
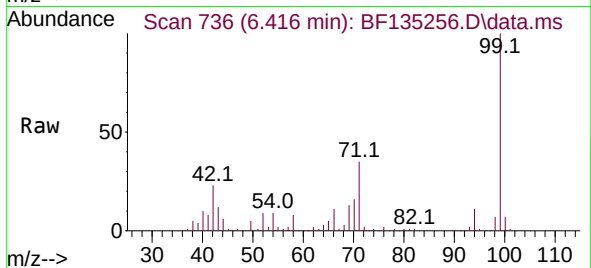




#7
Phenol-d6
Concen: 128.149 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

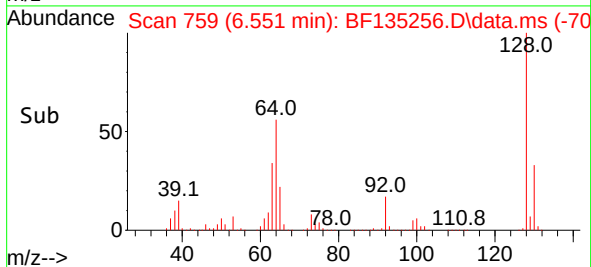
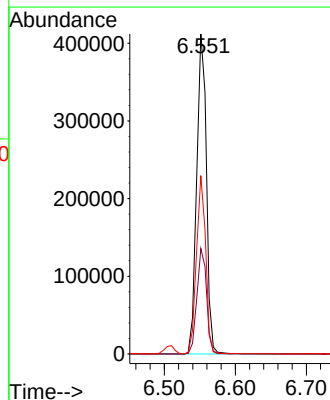
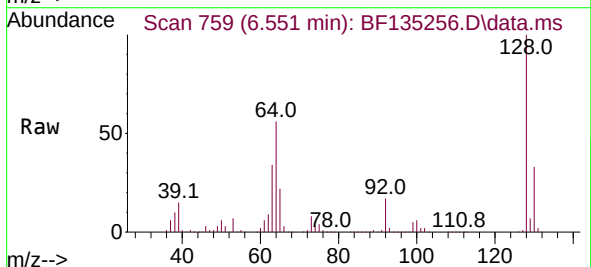
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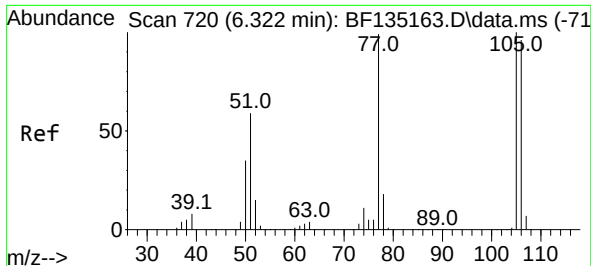
Tgt Ion: 99 Resp: 1251139
Ion Ratio Lower Upper
99 100
42 23.3 17.9 26.9
71 34.8 27.0 40.6



#8
2-Chlorophenol
Concen: 47.928 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:128 Resp: 392840
Ion Ratio Lower Upper
128 100
130 32.9 12.7 52.7
64 55.7 35.9 75.9





#9

Benzaldehyde

Concen: 25.752 ng

RT: 6.316 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

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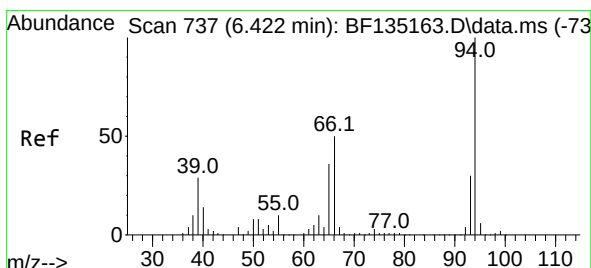
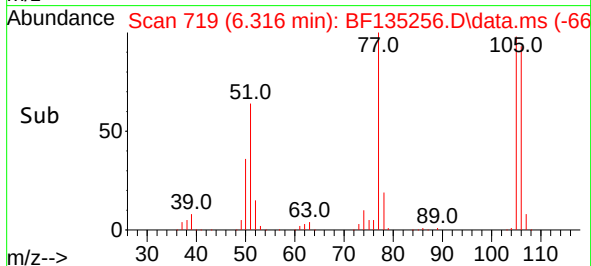
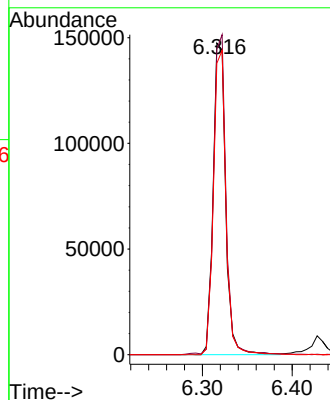
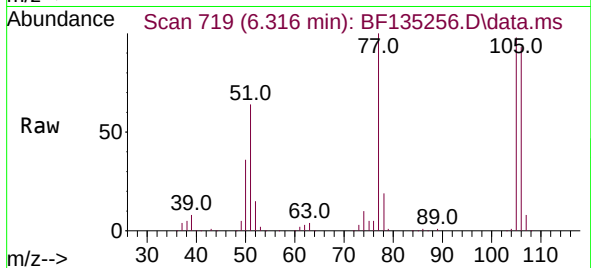
Tgt Ion: 77 Resp: 143227

Ion Ratio Lower Upper

77 100

105 98.0 81.4 121.4

106 93.5 76.9 116.9



#10

Phenol

Concen: 42.074 ng

RT: 6.428 min Scan# 738

Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

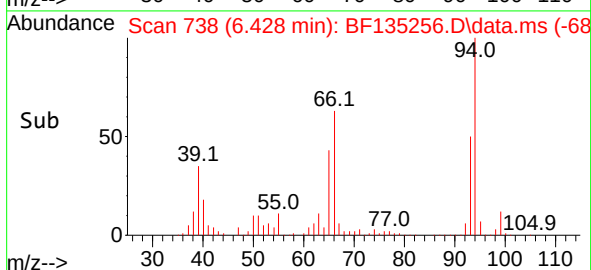
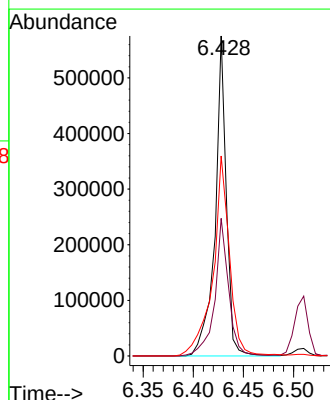
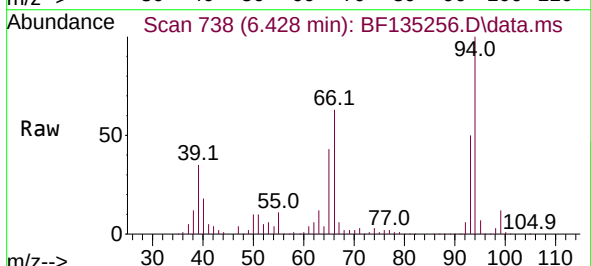
Tgt Ion: 94 Resp: 450434

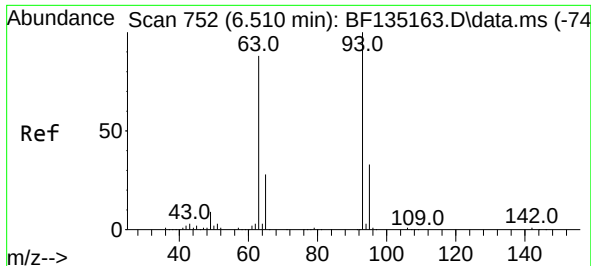
Ion Ratio Lower Upper

94 100

65 43.0 15.9 55.9

66 62.5 29.8 69.8

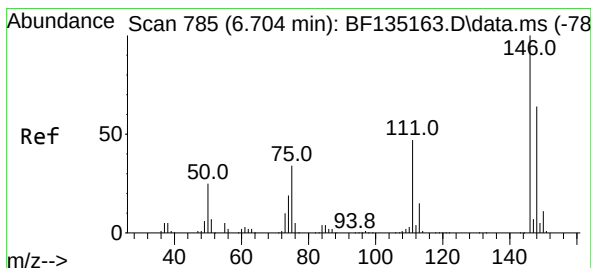
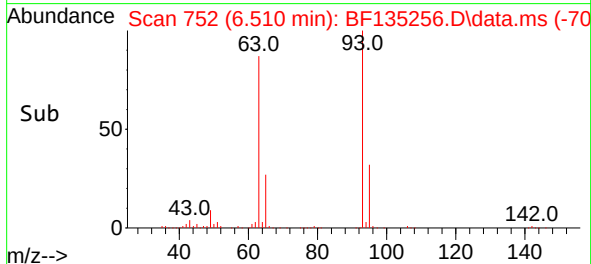
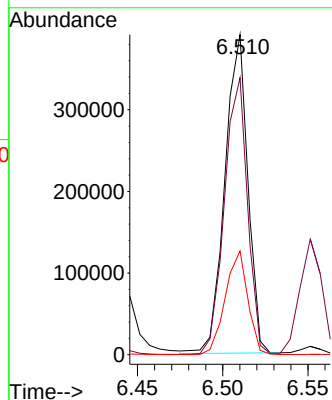
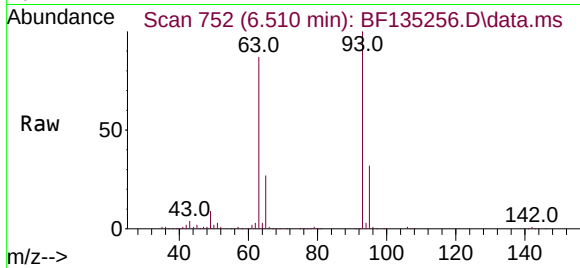




#11
bis(2-Chloroethyl)ether
Concen: 45.397 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

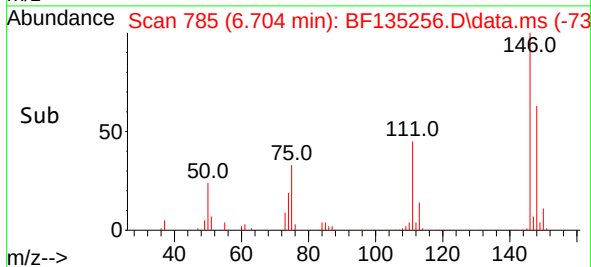
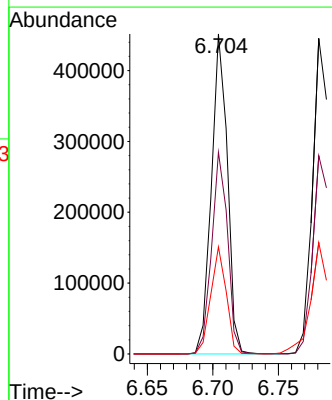
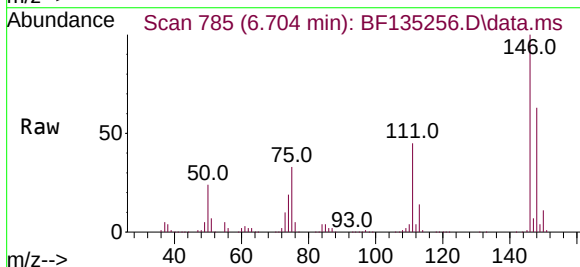
Instrument :
BNA_F
ClientSampleId :
PB154922BS

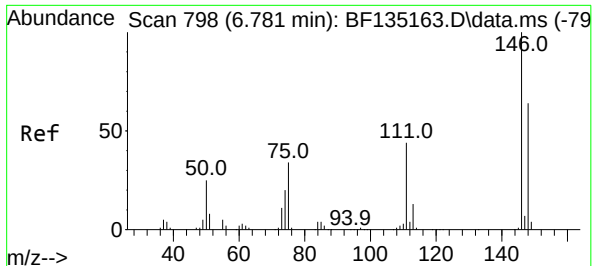
Tgt Ion: 93 Resp: 364560
Ion Ratio Lower Upper
93 100
63 86.6 67.3 107.3
95 32.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 45.966 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:146 Resp: 382889
Ion Ratio Lower Upper
146 100
148 63.0 51.3 76.9
75 33.5 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 45.843 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

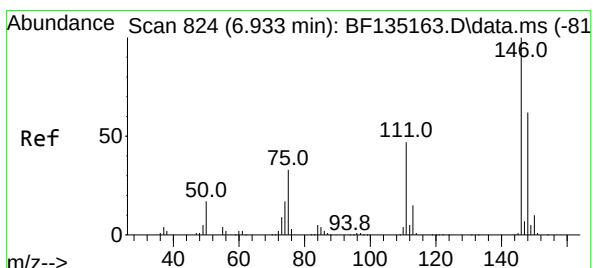
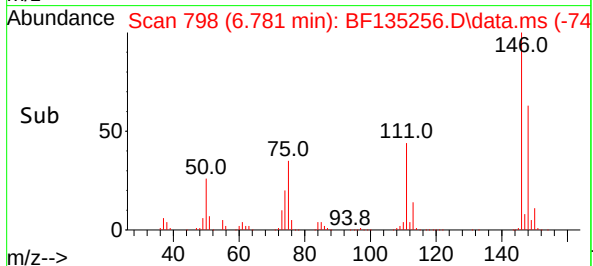
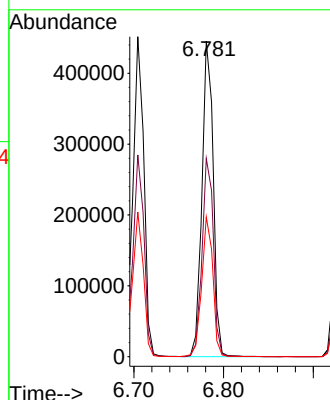
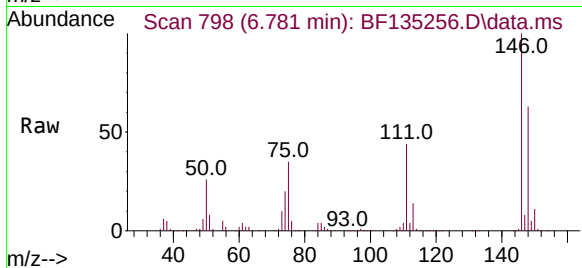
Tgt Ion:146 Resp: 388516

Ion Ratio Lower Upper

146 100

148 62.8 51.3 76.9

111 44.3 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 46.497 ng

RT: 6.934 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

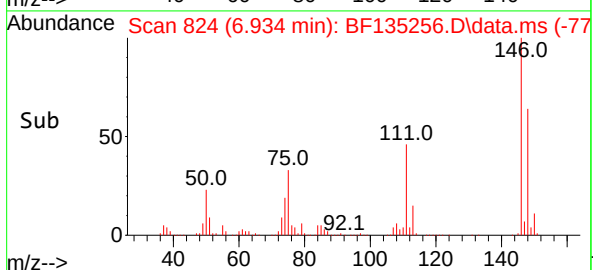
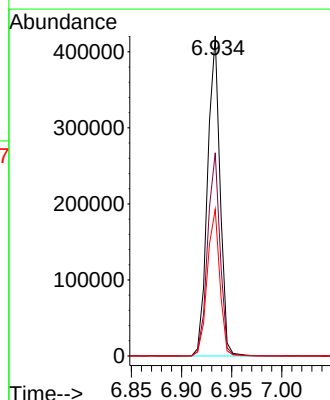
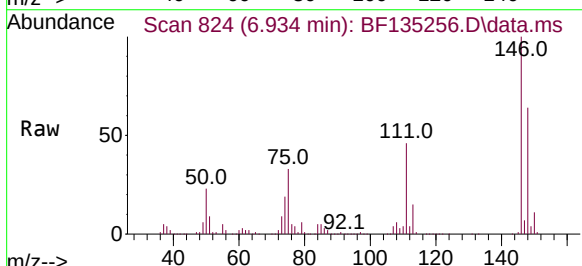
Tgt Ion:146 Resp: 365945

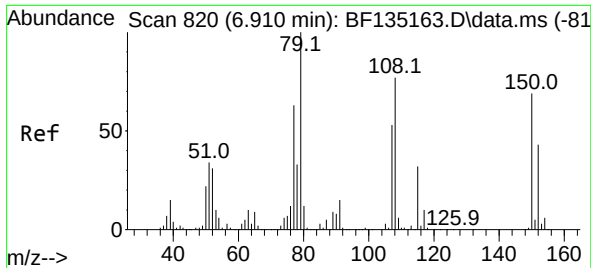
Ion Ratio Lower Upper

146 100

148 63.5 49.7 74.5

111 45.9 37.4 56.2

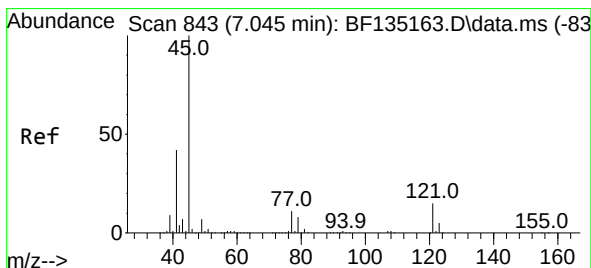
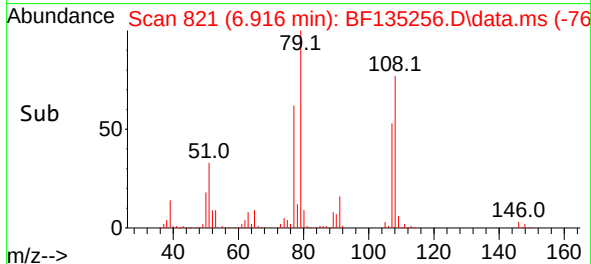
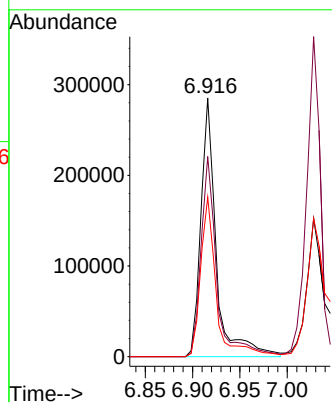
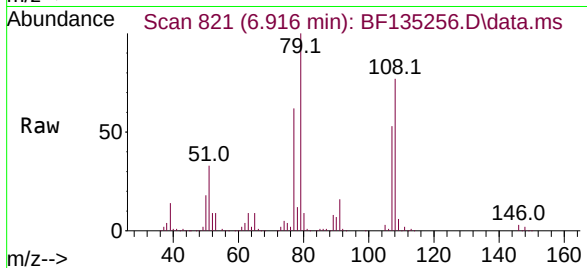




#15
Benzyl Alcohol
Concen: 46.179 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

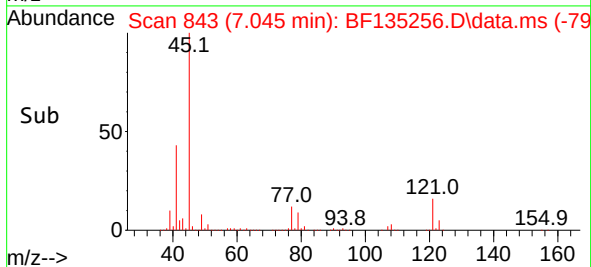
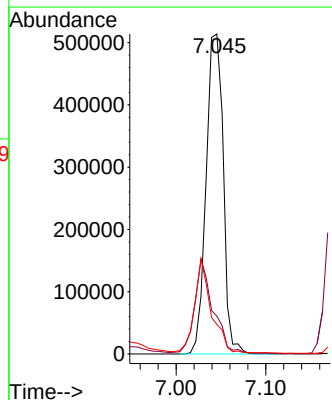
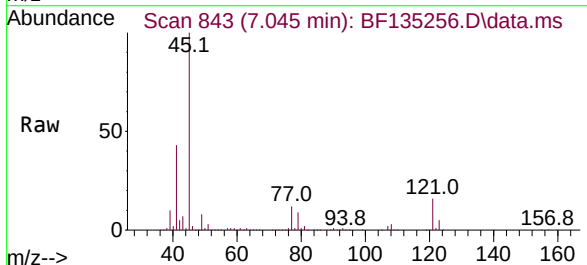
Instrument :
BNA_F
ClientSampleId :
PB154922BS

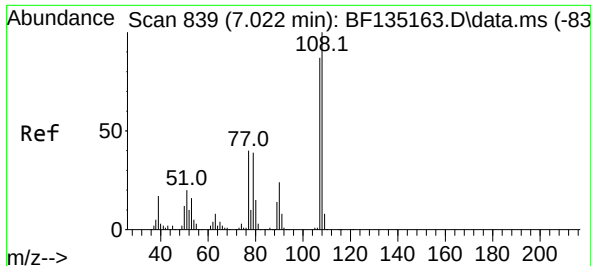
Tgt Ion: 79 Resp: 323523
Ion Ratio Lower Upper
79 100
108 77.4 61.2 91.8
77 61.7 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.960 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion: 45 Resp: 680543
Ion Ratio Lower Upper
45 100
77 11.8 0.0 30.6
79 9.3 0.0 28.3

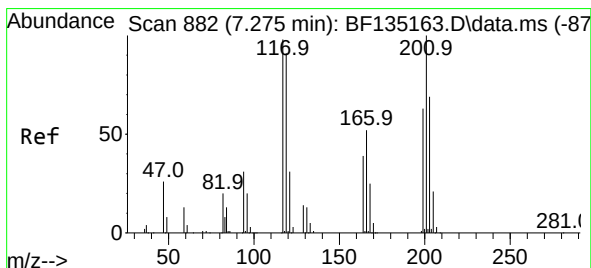
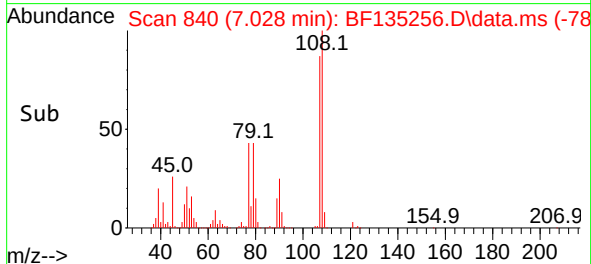
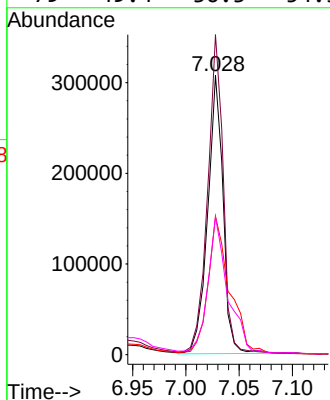
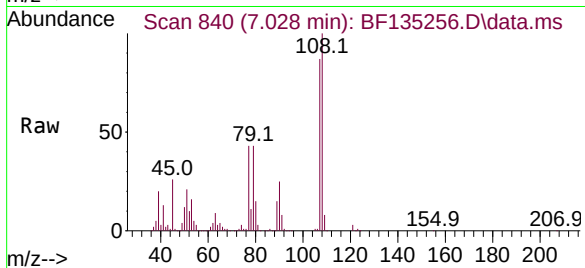




#17
2-Methylphenol
Concen: 42.814 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

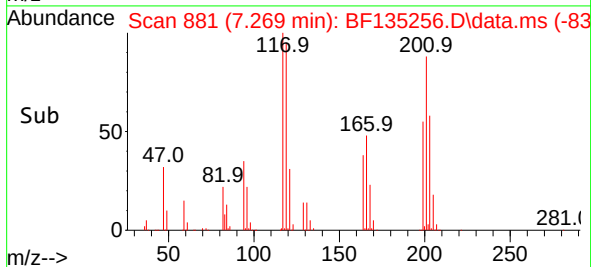
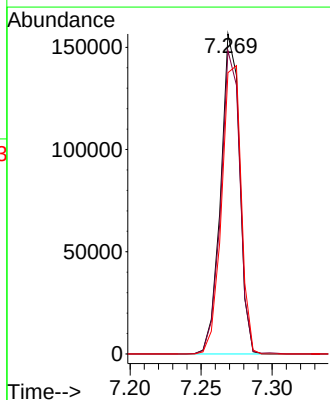
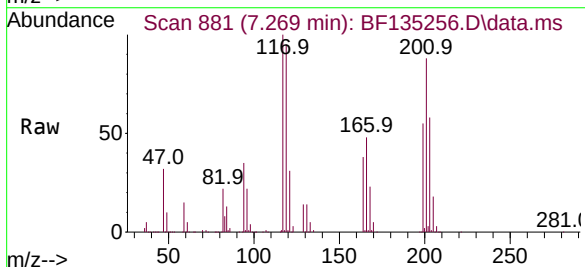
Instrument :
BNA_F
ClientSampleId :
PB154922BS

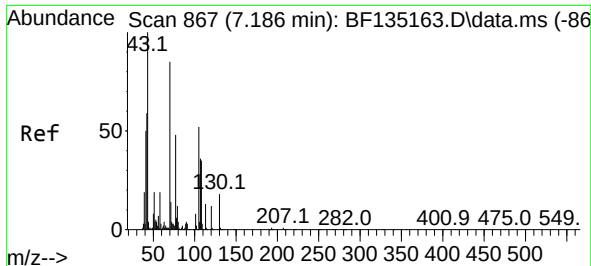
Tgt Ion:	107	Resp:	309671
Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.0	138.0
77	49.6	36.7	55.1
79	49.4	36.3	54.5



#18
Hexachloroethane
Concen: 46.059 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:	117	Resp:	144230
Ion	Ratio	Lower	Upper
117	100		
119	94.8	74.7	112.1
201	87.9	81.8	122.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.908 ng

RT: 7.187 min Scan# 8

Delta R.T. 0.000 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

Tgt Ion: 70 Resp: 259478

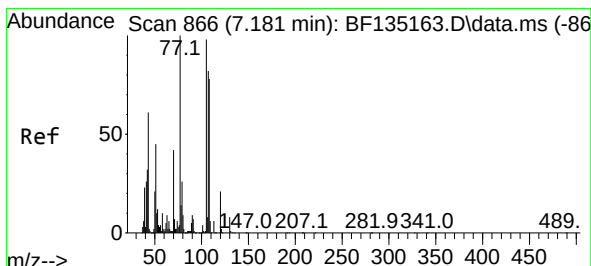
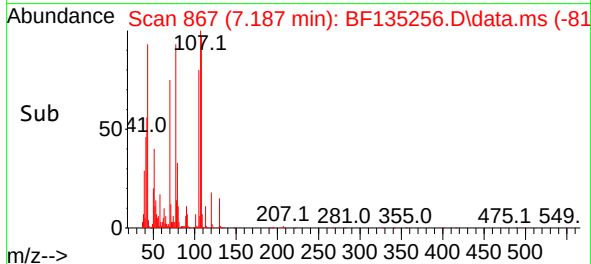
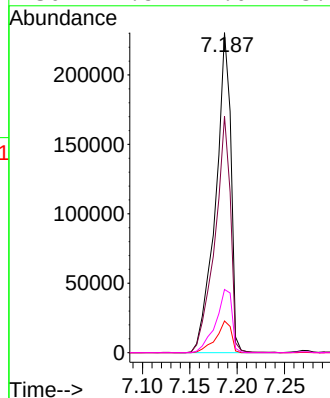
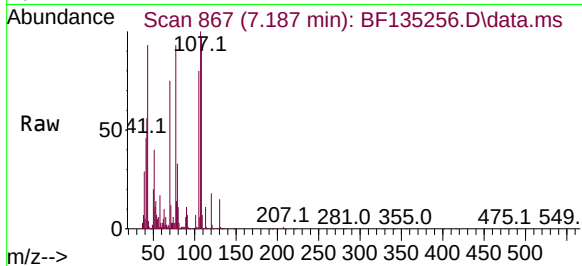
Ion Ratio Lower Upper

70 100

42 73.8 55.4 83.0

101 9.9 7.7 11.5

130 19.8 17.0 25.6



#20

3+4-Methylphenols

Concen: 41.893 ng

RT: 7.181 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Tgt Ion: 107 Resp: 364362

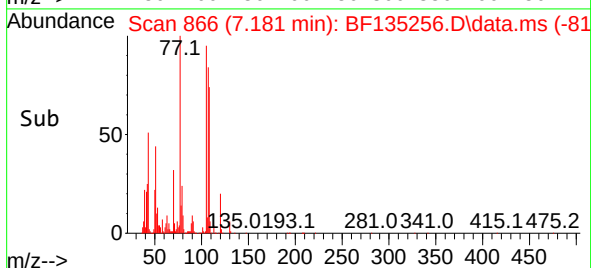
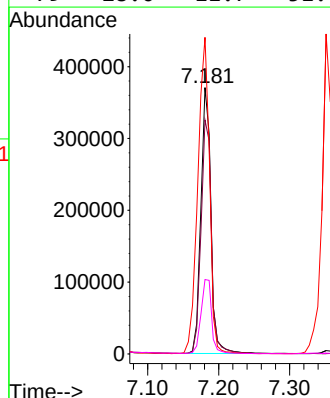
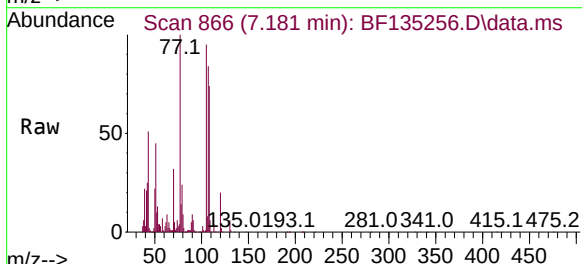
Ion Ratio Lower Upper

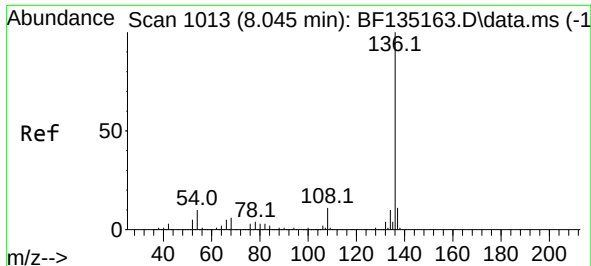
107 100

108 87.8 74.7 114.7

77 118.9 102.0 142.0

79 28.0 11.7 51.7



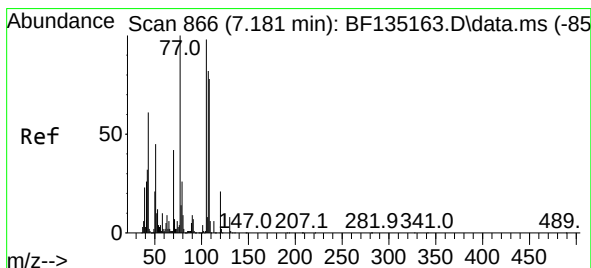
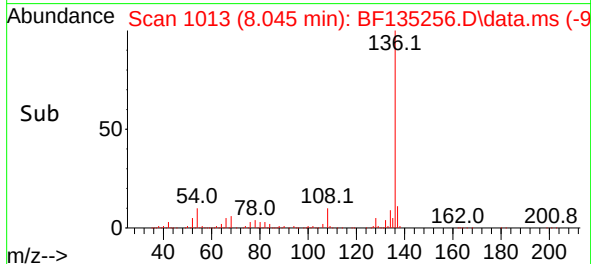
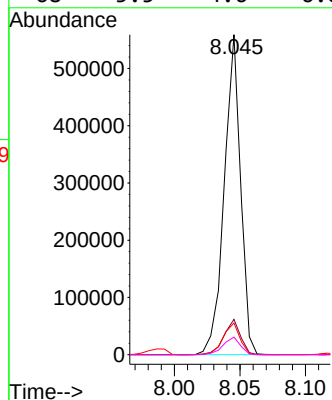
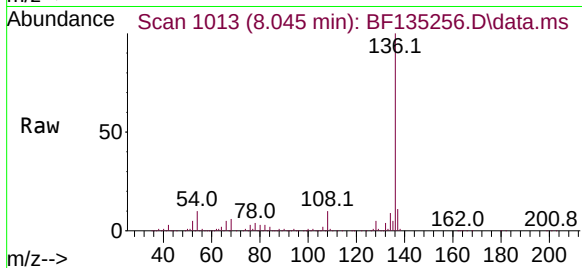


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Instrument :
BNA_F
ClientSampleId :
PB154922BS

Tgt Ion:136 Resp: 482722

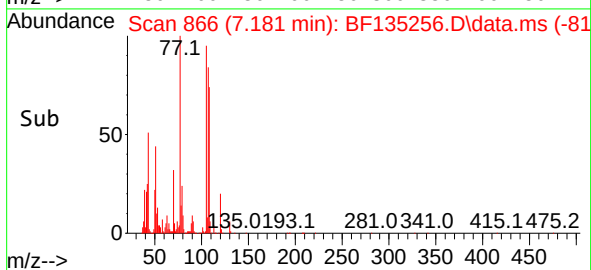
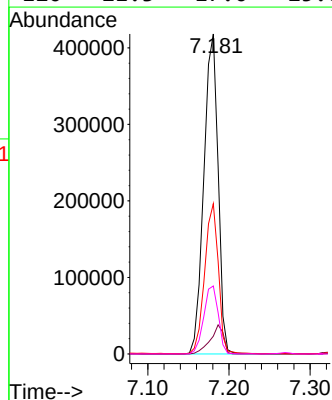
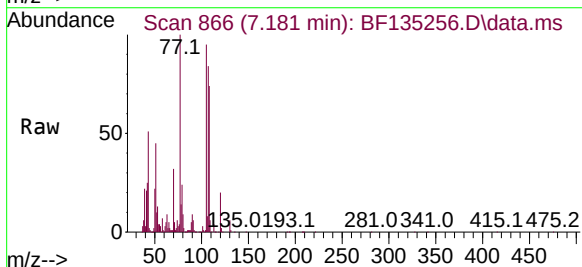
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.9	7.7	11.5
68	5.5	4.6	6.8

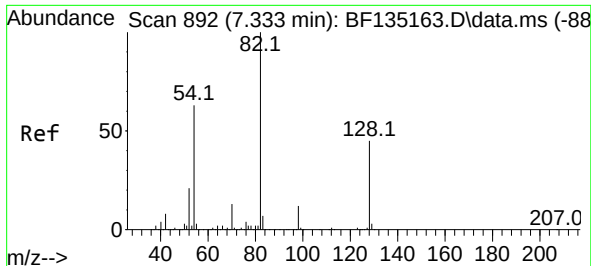


#22
Acetophenone
Concen: 46.203 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:105 Resp: 509911

Ion	Ratio	Lower	Upper
105	100		
71	5.5	5.8	8.6#
51	47.0	37.0	55.4
120	21.3	17.0	25.6





#23

Nitrobenzene-d5

Concen: 90.748 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

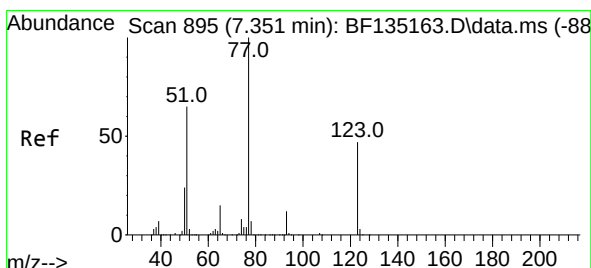
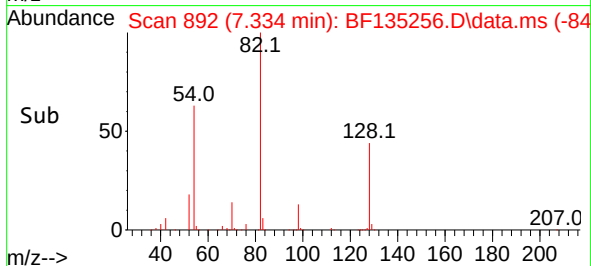
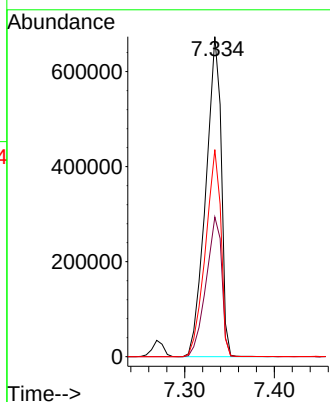
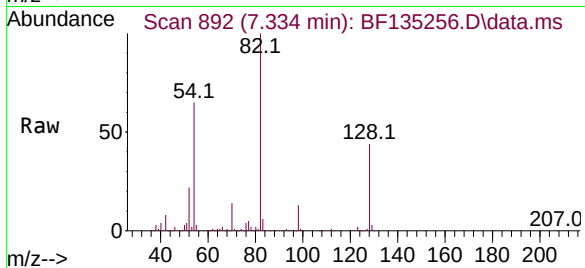
Tgt Ion: 82 Resp: 806302

Ion Ratio Lower Upper

82 100

128 43.6 35.8 53.6

54 64.7 50.6 76.0



#24

Nitrobenzene

Concen: 45.776 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

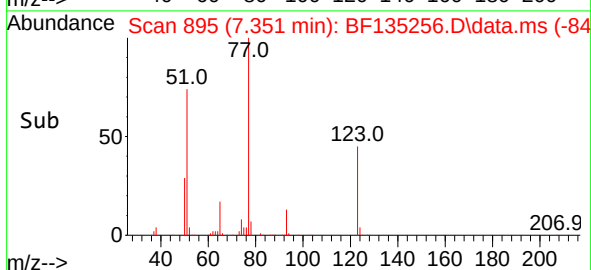
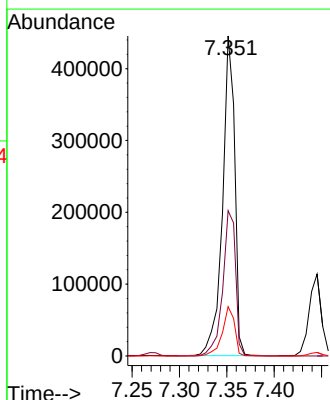
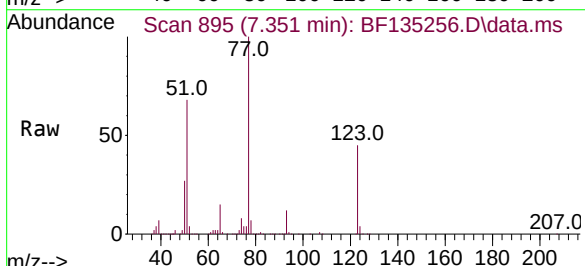
Tgt Ion: 77 Resp: 402004

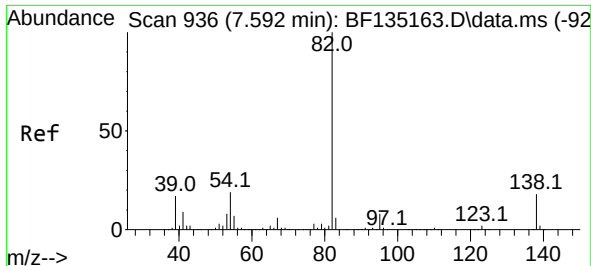
Ion Ratio Lower Upper

77 100

123 45.4 37.6 56.4

65 15.4 12.2 18.4

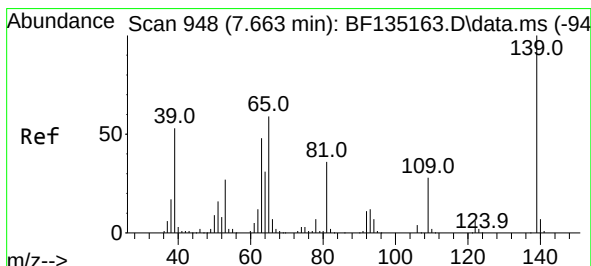
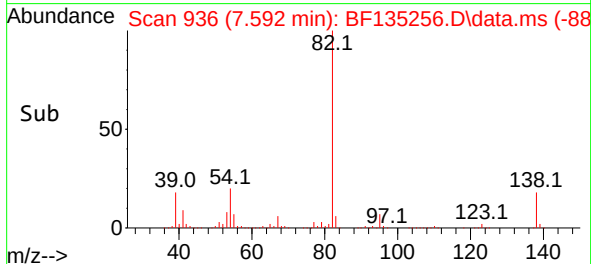
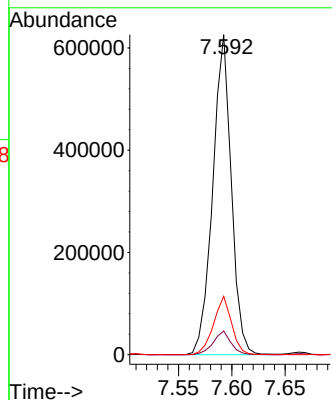
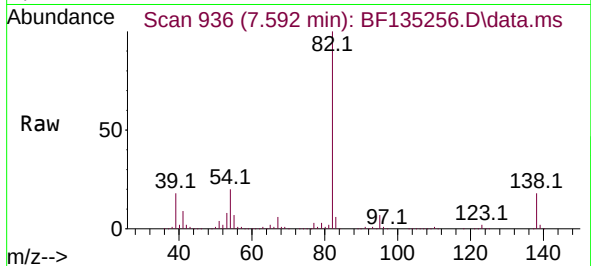




#25
Isophorone
Concen: 46.425 ng
RT: 7.592 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

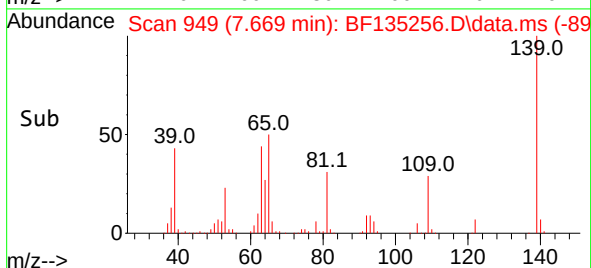
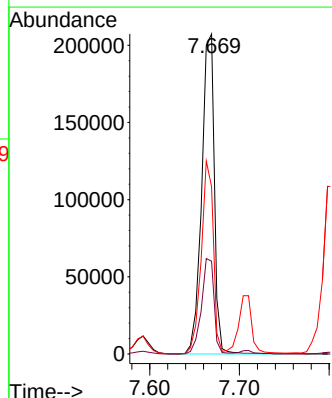
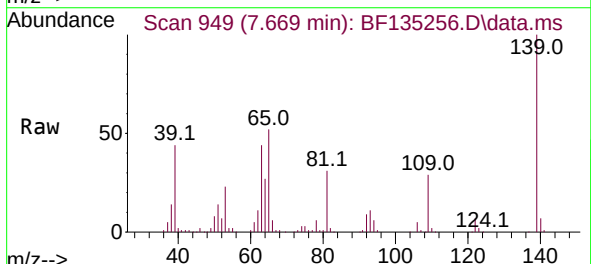
Instrument :
BNA_F
ClientSampleId :
PB154922BS

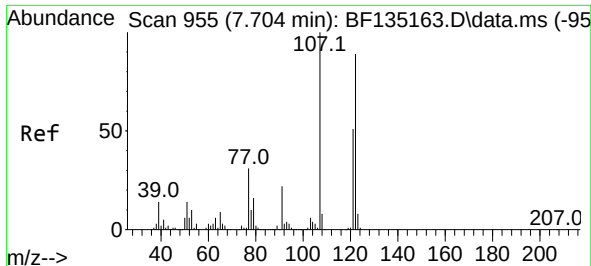
Tgt Ion: 82 Resp: 757437
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 18.2 14.5 21.7



#26
2-Nitrophenol
Concen: 48.274 ng
RT: 7.669 min Scan# 949
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion: 139 Resp: 203471
Ion Ratio Lower Upper
139 100
109 29.0 22.6 33.8
65 52.3 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 48.840 ng

RT: 7.710 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

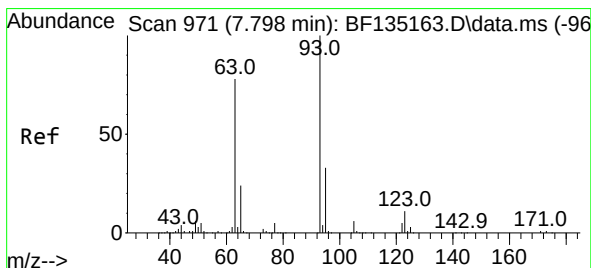
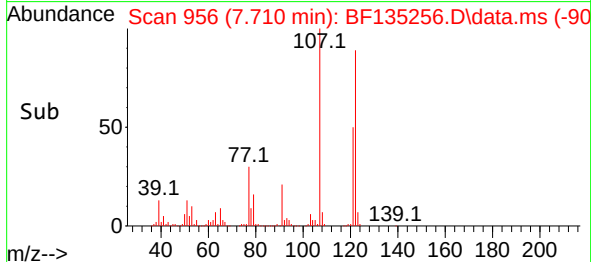
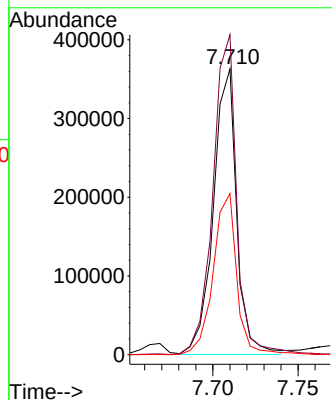
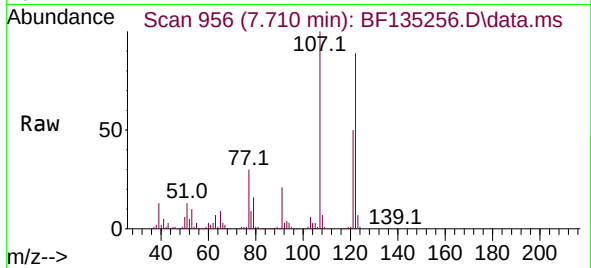
Tgt Ion:122 Resp: 346016

Ion Ratio Lower Upper

122 100

107 112.0 90.2 135.4

121 56.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 47.002 ng

RT: 7.804 min Scan# 972

Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

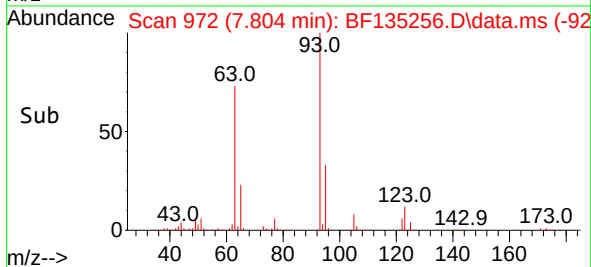
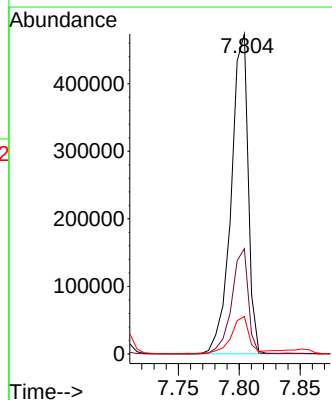
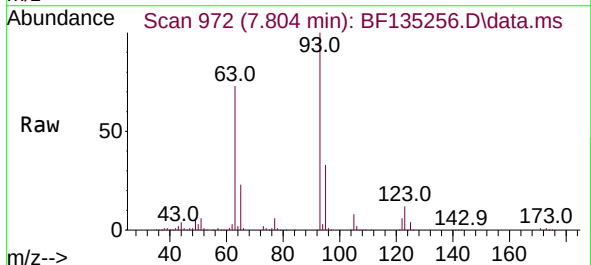
Tgt Ion: 93 Resp: 458985

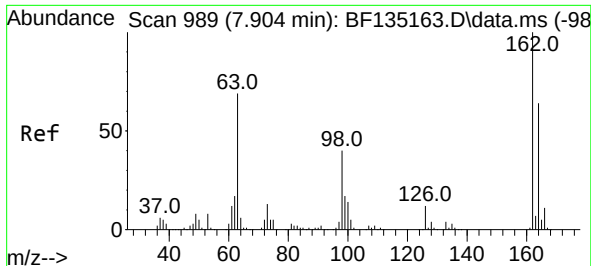
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

123 11.7 8.8 13.2

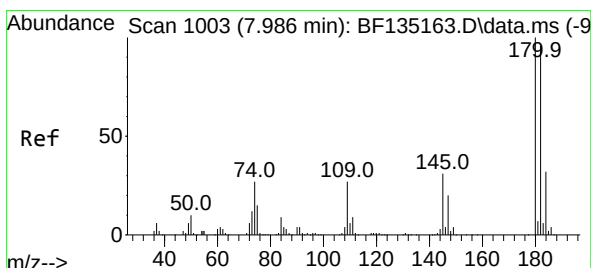
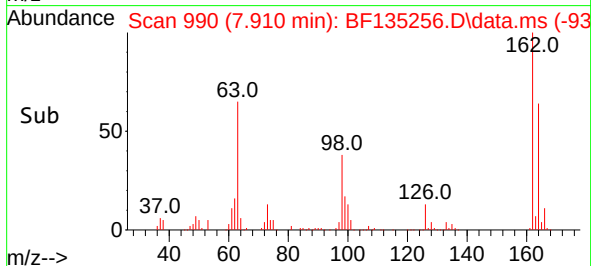
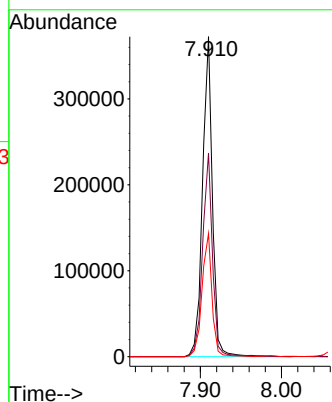
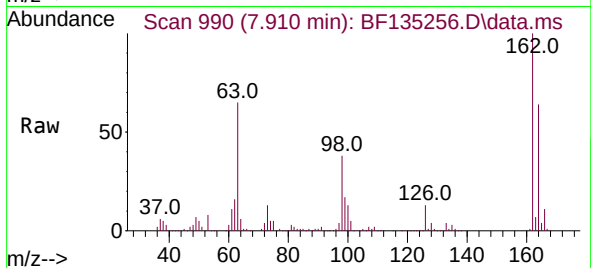




#29
2,4-Dichlorophenol
Concen: 48.076 ng
RT: 7.910 min Scan# 989
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

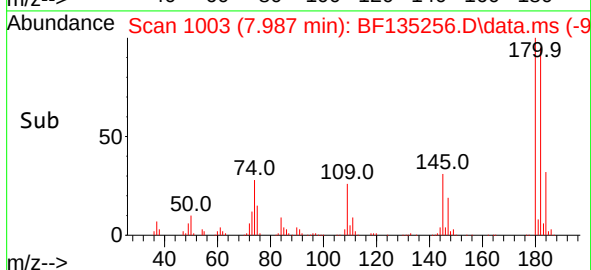
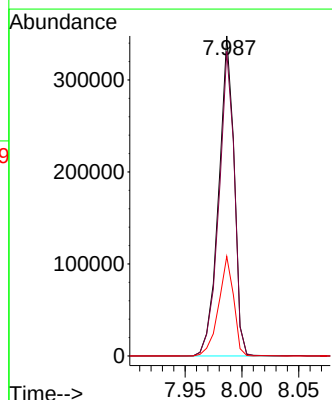
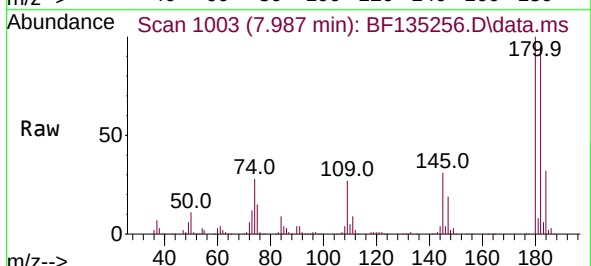
Instrument :
BNA_F
ClientSampleId :
PB154922BS

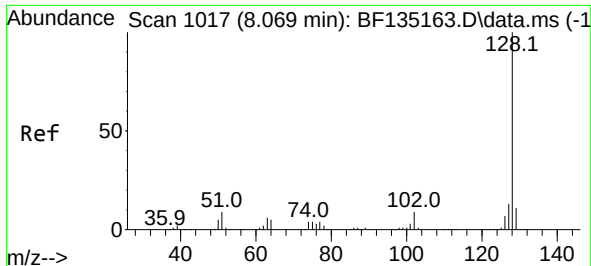
Tgt Ion:162	Resp:	315611
Ion Ratio	Lower	Upper
162	100	
164	63.7	44.1 84.1
98	38.5	20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 47.943 ng
RT: 7.987 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:180	Resp:	328973
Ion Ratio	Lower	Upper
180	100	
182	95.2	76.9 115.3
145	31.1	24.5 36.7

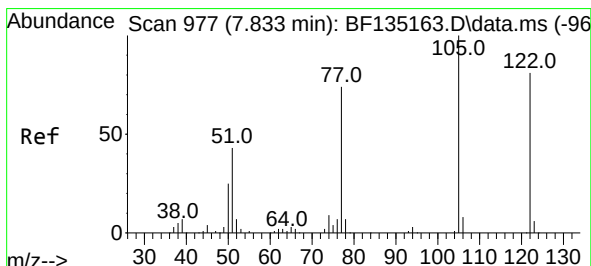
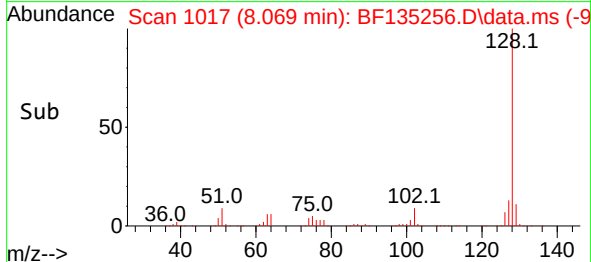
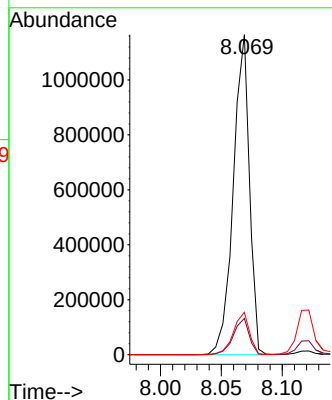
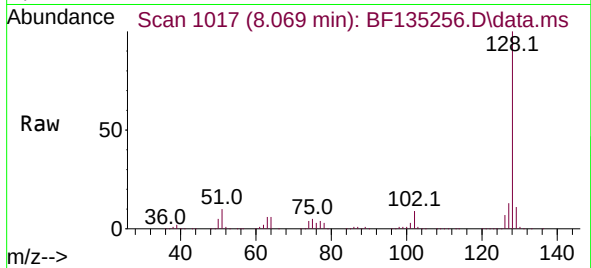




#31
Naphthalene
Concen: 45.676 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

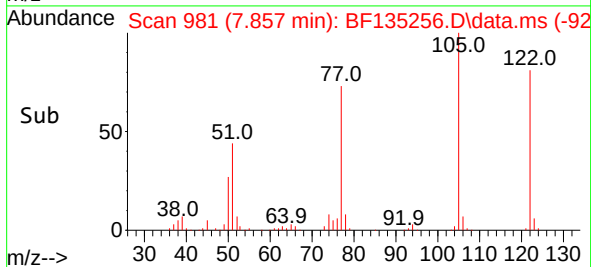
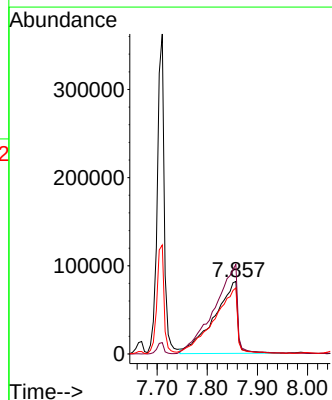
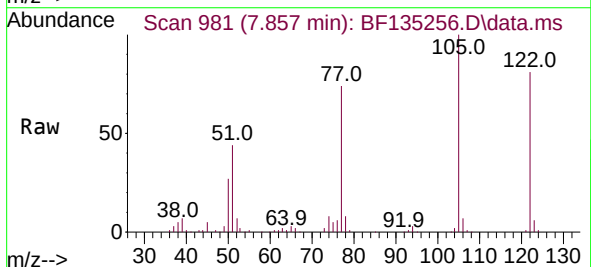
Instrument :
BNA_F
ClientSampleId :
PB154922BS

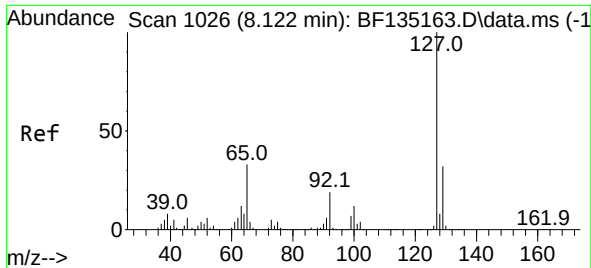
Tgt Ion:128 Resp: 1071294
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 50.033 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.024 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:122 Resp: 266918
Ion Ratio Lower Upper
122 100
105 123.7 99.9 139.9
77 91.3 70.0 110.0

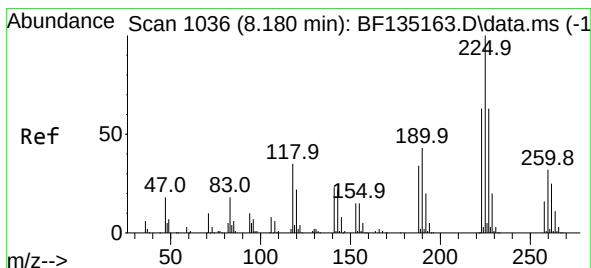
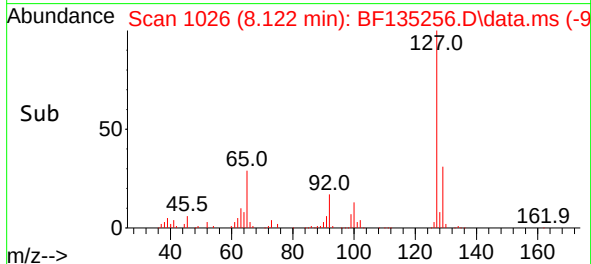
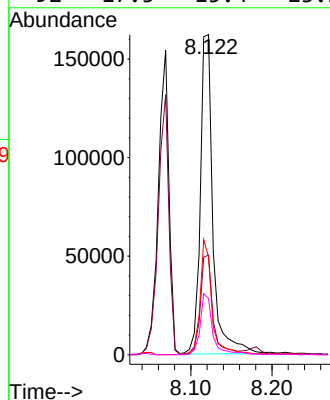
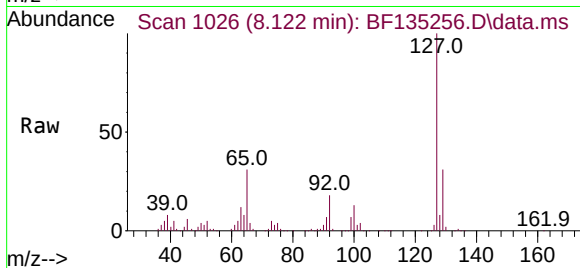




#33
4-Chloroaniline
Concen: 17.132 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

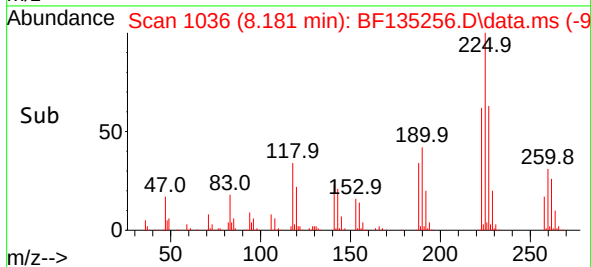
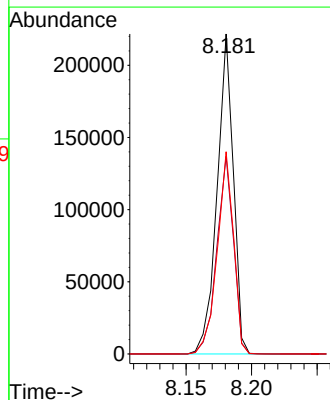
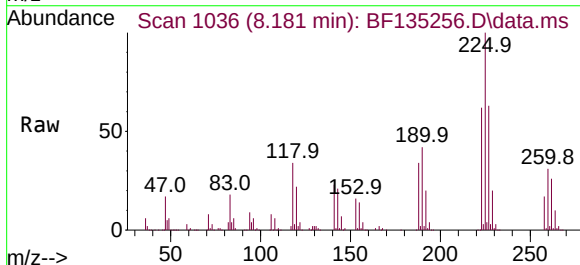
Instrument :
BNA_F
ClientSampleId :
PB154922BS

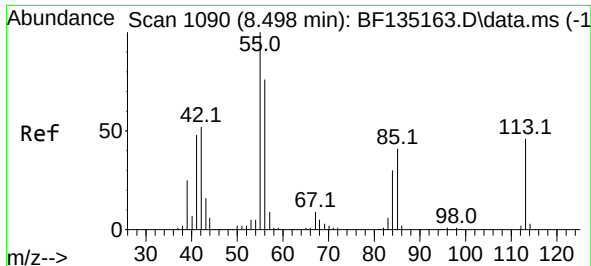
Tgt Ion:127	Resp:	176297
Ion Ratio	Lower	Upper
127	100	
129	31.1	25.8 38.8
65	30.5	26.6 39.8
92	17.5	15.4 23.2



#34
Hexachlorobutadiene
Concen: 46.141 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:225	Resp:	190907
Ion Ratio	Lower	Upper
225	100	
223	61.7	50.6 75.8
227	63.2	50.8 76.2

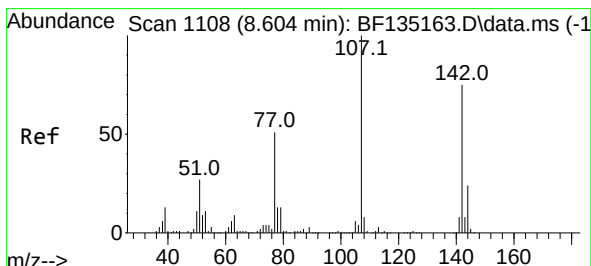
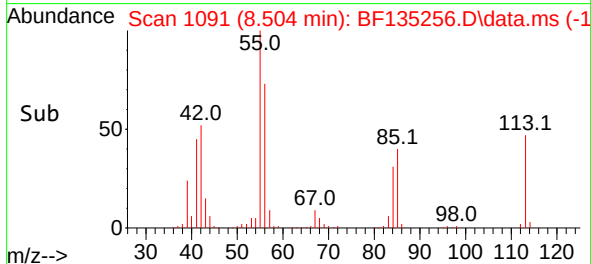
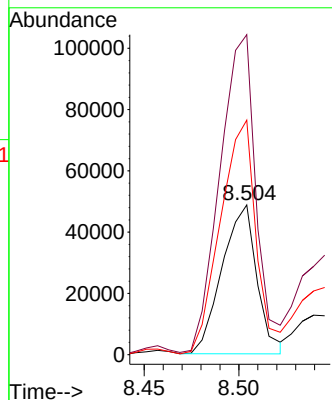
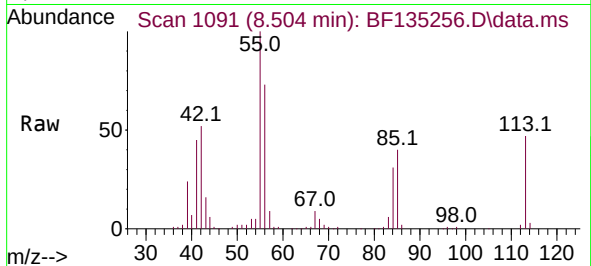




#35
Caprolactam
Concen: 28.217 ng
RT: 8.504 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

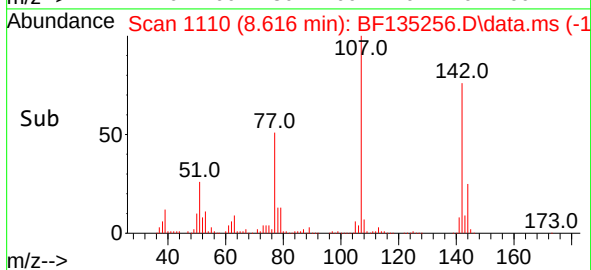
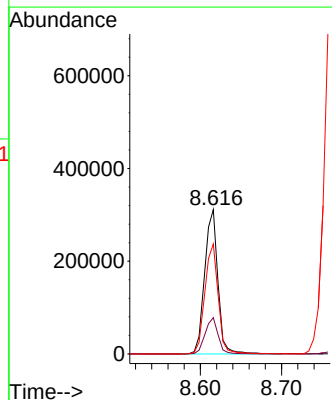
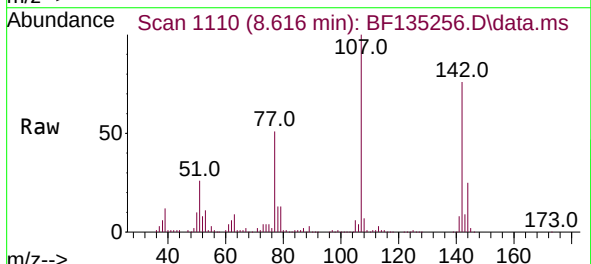
Instrument :
BNA_F
ClientSampleId :
PB154922BS

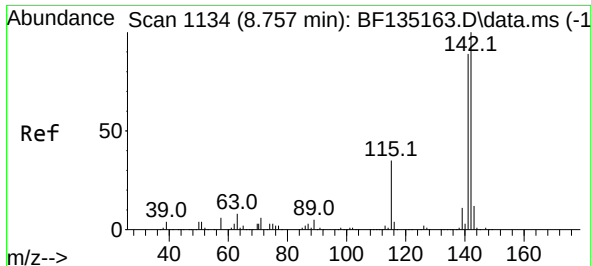
Tgt Ion:113 Resp: 62169
Ion Ratio Lower Upper
113 100
55 213.8 199.3 239.3
56 156.7 146.3 186.3



#36
4-Chloro-3-methylphenol
Concen: 48.384 ng
RT: 8.616 min Scan# 1110
Delta R.T. 0.012 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:107 Resp: 353023
Ion Ratio Lower Upper
107 100
144 25.2 19.0 28.4
142 76.3 60.2 90.2





#37

2-Methylnaphthalene

Concen: 44.010 ng

RT: 8.763 min Scan# 1134

Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

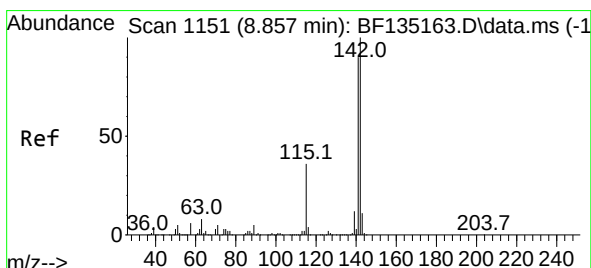
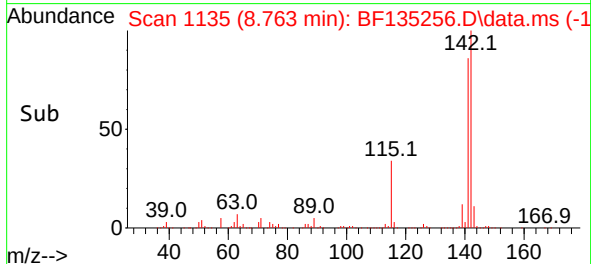
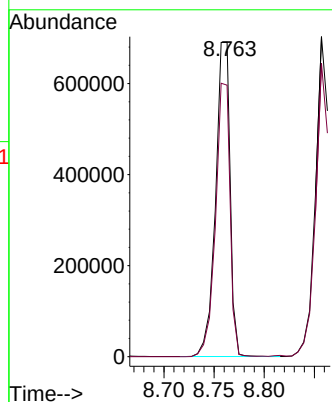
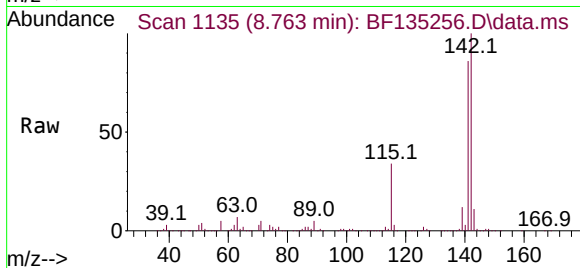
PB154922BS

Tgt Ion:142 Resp: 693845

Ion Ratio Lower Upper

142 100

141 86.4 71.0 106.6



#38

1-Methylnaphthalene

Concen: 43.503 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF135256.D

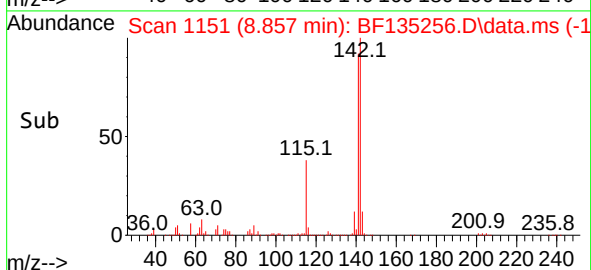
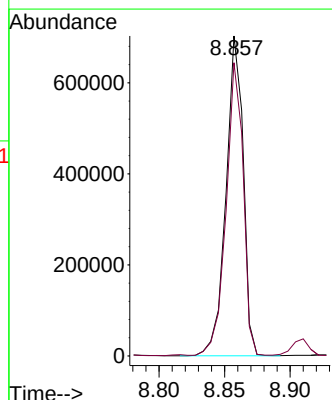
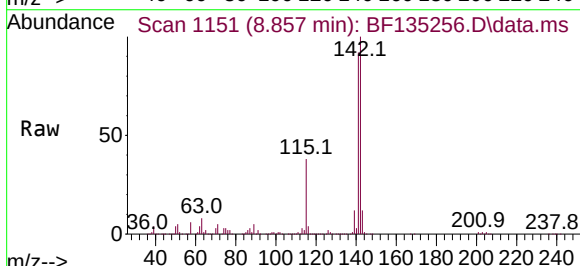
Acq: 14 Sep 2023 16:12

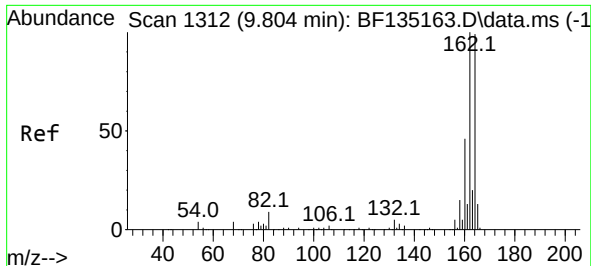
Tgt Ion:142 Resp: 642126

Ion Ratio Lower Upper

142 100

141 91.6 72.4 108.6

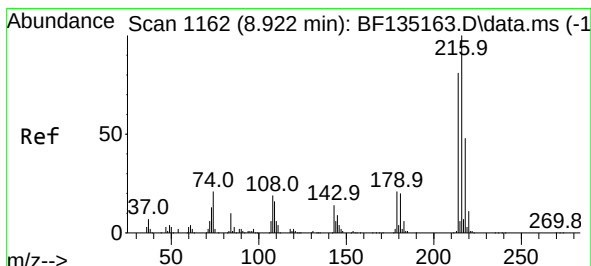
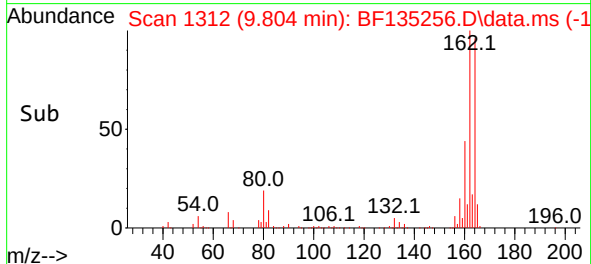
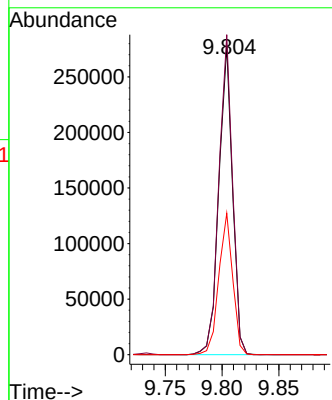
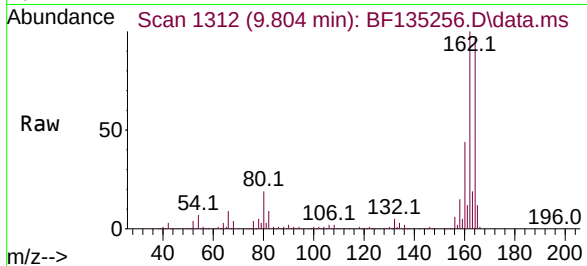




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

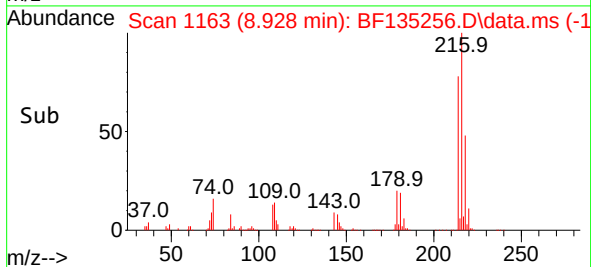
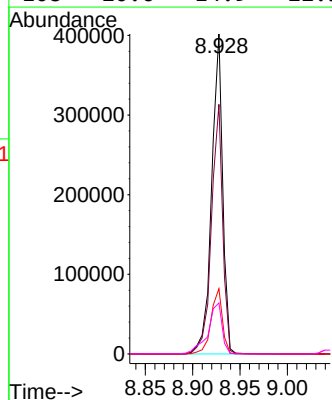
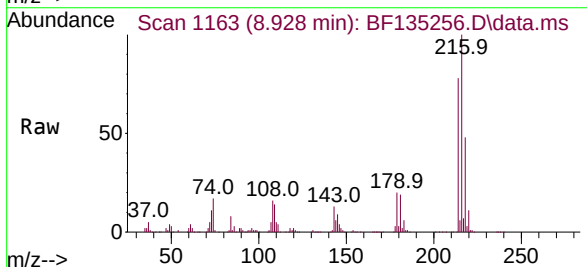
Instrument :
BNA_F
ClientSampleId :
PB154922BS

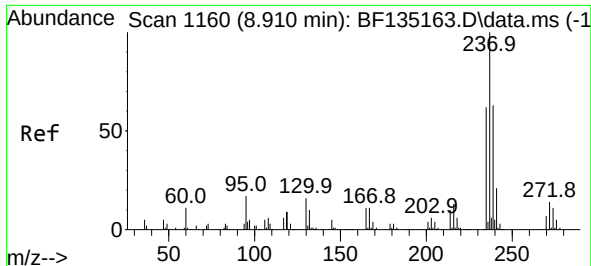
Tgt Ion:164 Resp: 232739
Ion Ratio Lower Upper
164 100
162 103.8 81.0 121.4
160 45.9 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.069 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

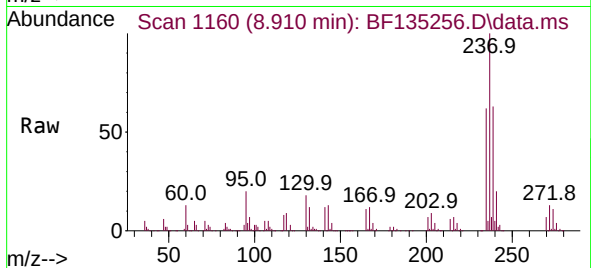
Tgt Ion:216 Resp: 324115
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 21.0 16.7 25.1
108 20.6 14.9 22.3



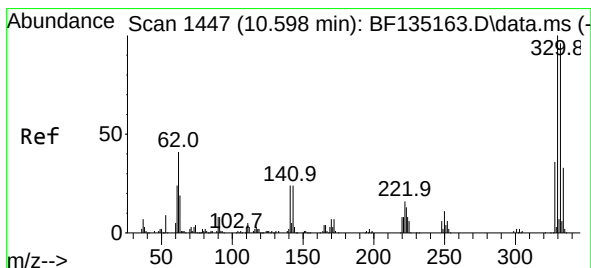
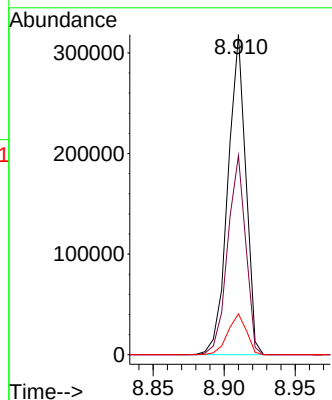
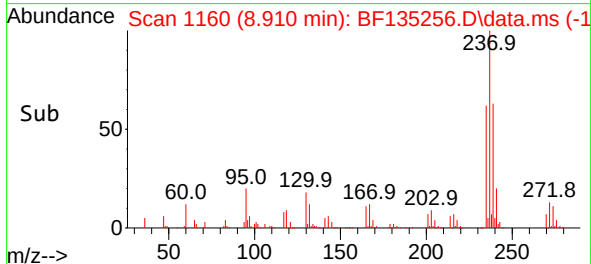


#41
Hexachlorocyclopentadiene
Concen: 92.551 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

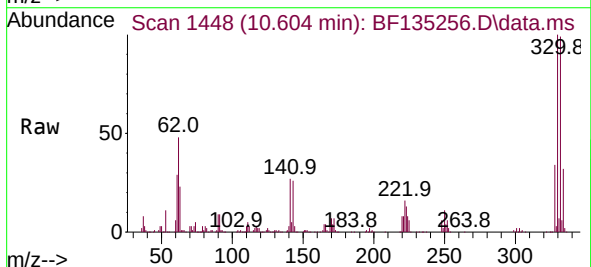
Instrument :
BNA_F
ClientSampleId :
PB154922BS



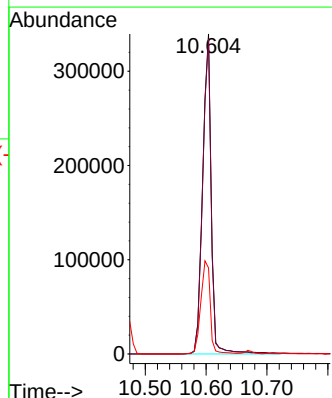
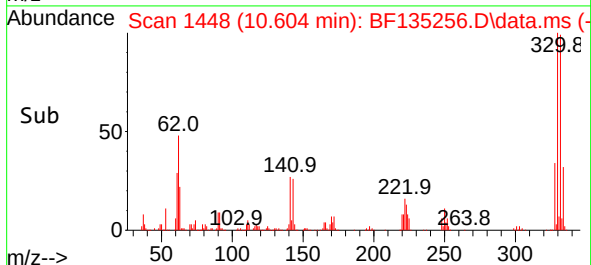
Tgt Ion:237 Resp: 278762
Ion Ratio Lower Upper
237 100
235 62.3 41.8 81.8
272 12.8 0.0 33.6

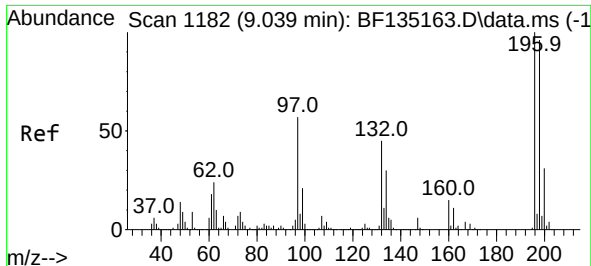


#42
2,4,6-Tribromophenol
Concen: 143.783 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12



Tgt Ion:330 Resp: 332550
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 31.9 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 50.255 ng

RT: 9.045 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

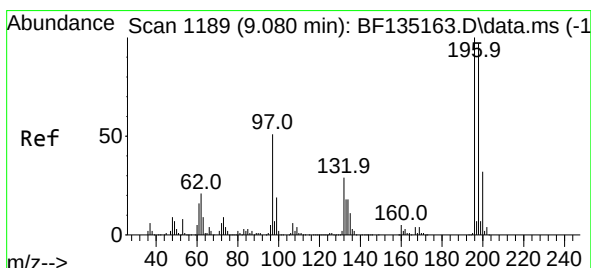
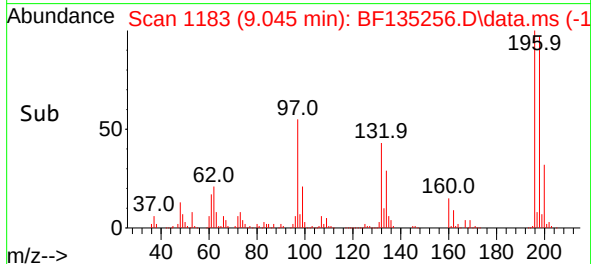
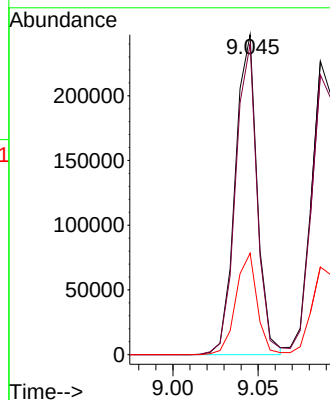
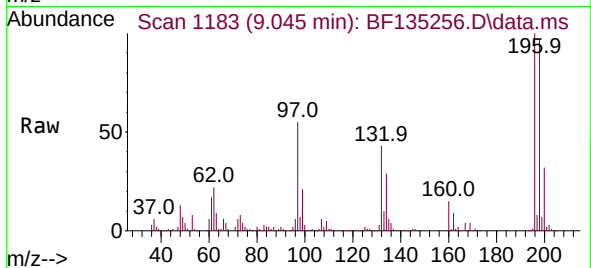
Tgt Ion:196 Resp: 221859

Ion Ratio Lower Upper

196 100

198 97.1 77.0 115.6

200 31.7 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 48.542 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Tgt Ion:196 Resp: 246786

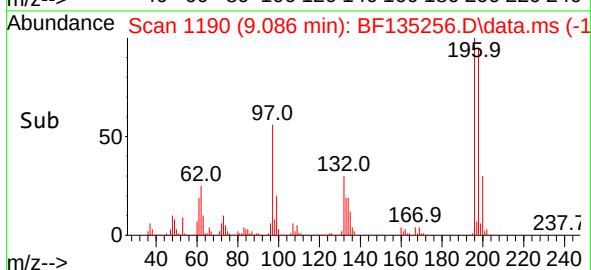
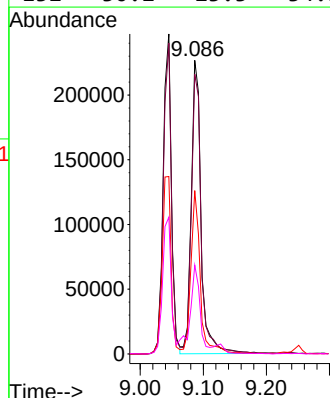
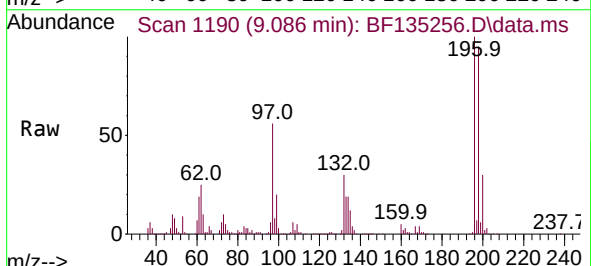
Ion Ratio Lower Upper

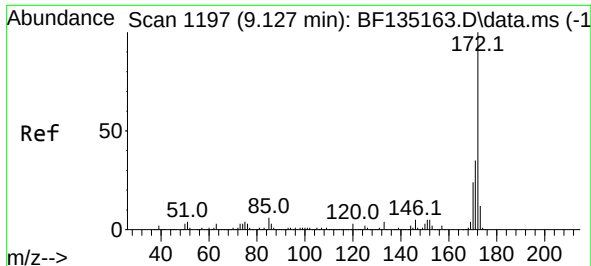
196 100

198 95.3 77.5 116.3

97 55.6 40.5 60.7

132 30.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 90.519 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

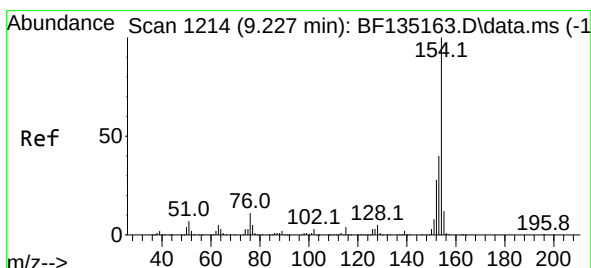
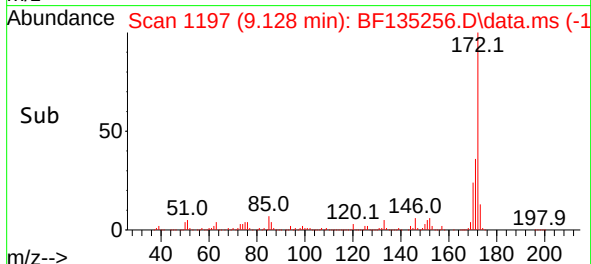
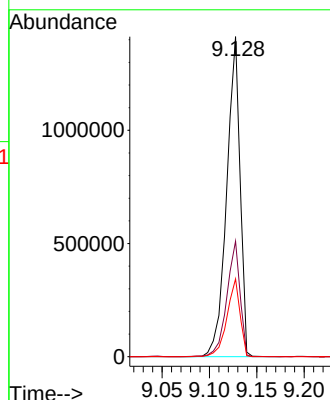
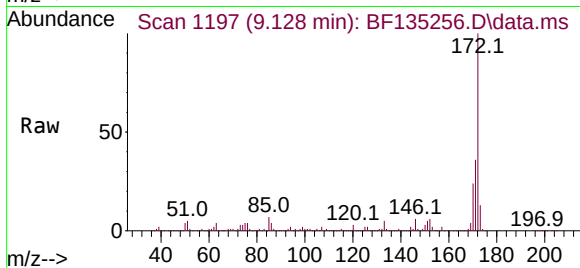
Tgt Ion:172 Resp: 1396369

Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 24.3 19.0 28.4



#46

1,1'-Biphenyl

Concen: 48.585 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

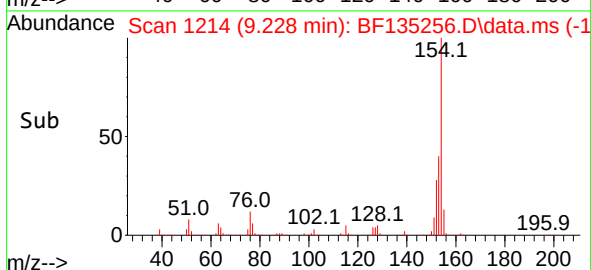
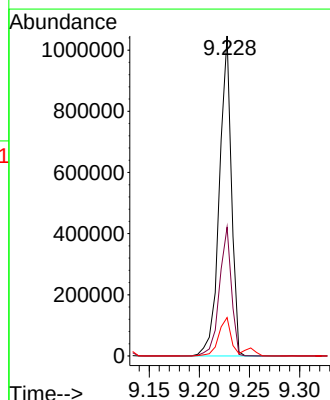
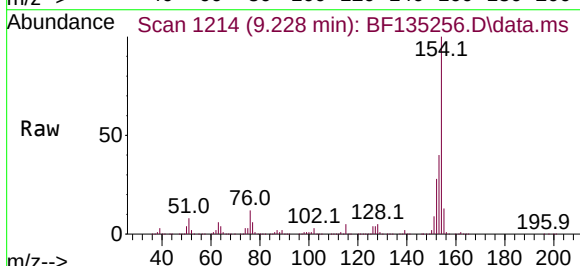
Tgt Ion:154 Resp: 868967

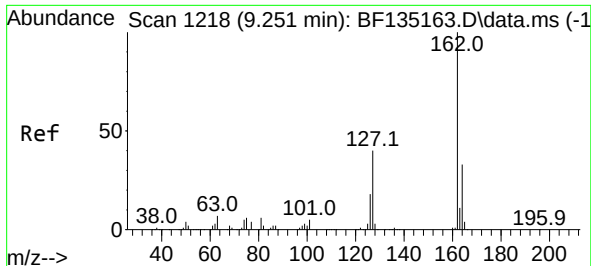
Ion Ratio Lower Upper

154 100

153 40.3 19.6 59.6

76 12.0 0.0 31.0

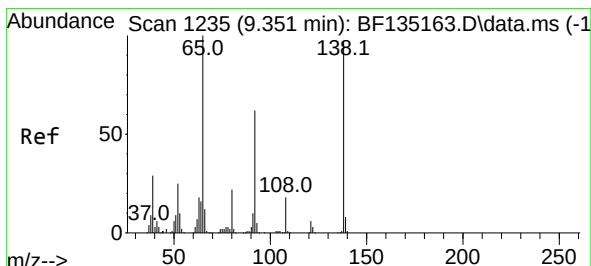
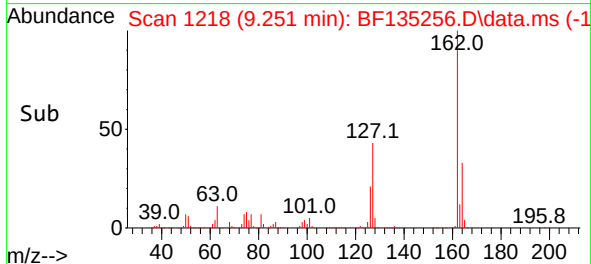
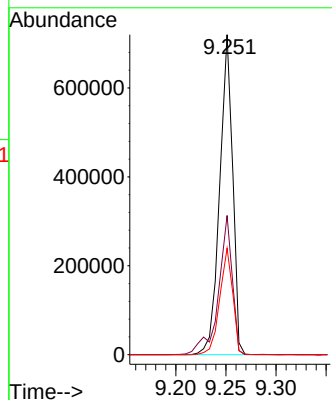
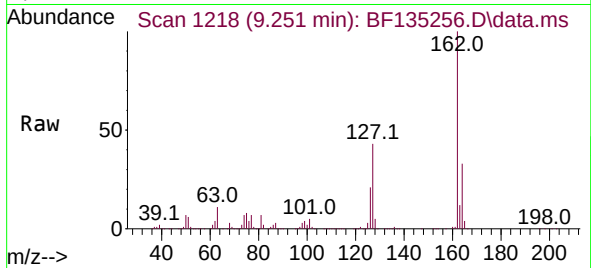




#47
2-Chloronaphthalene
Concen: 49.697 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

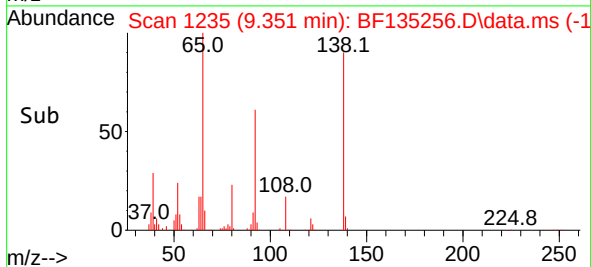
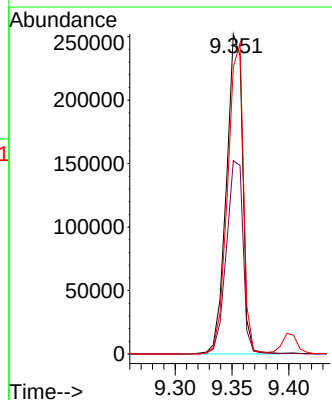
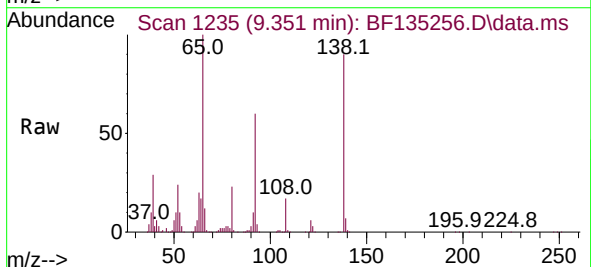
Instrument :
BNA_F
ClientSampleId :
PB154922BS

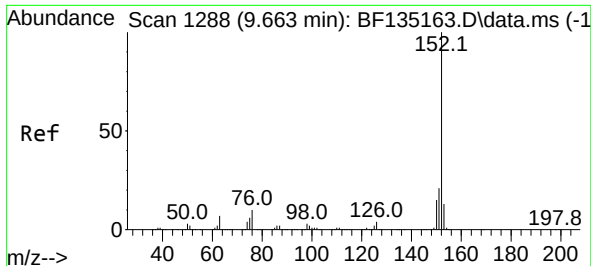
Tgt Ion:162 Resp: 644920
Ion Ratio Lower Upper
162 100
127 43.5 32.6 48.8
164 33.3 26.2 39.2



#48
2-Nitroaniline
Concen: 49.847 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion: 65 Resp: 251306
Ion Ratio Lower Upper
65 100
92 60.4 49.4 74.0
138 89.7 77.4 116.0





#49

Acenaphthylene

Concen: 45.545 ng

RT: 9.669 min Scan# 1288

Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

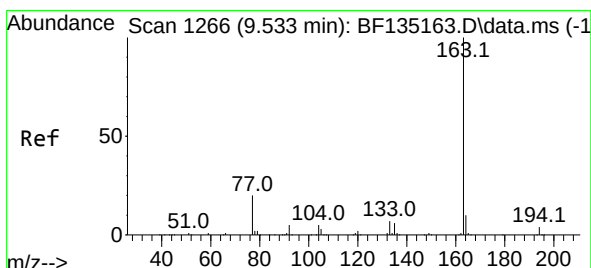
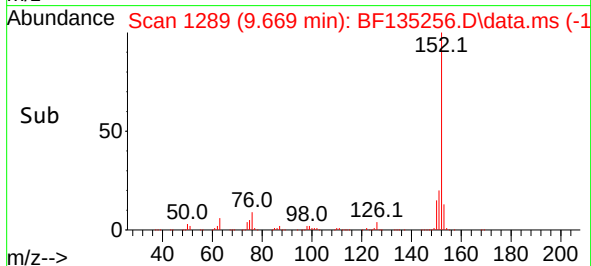
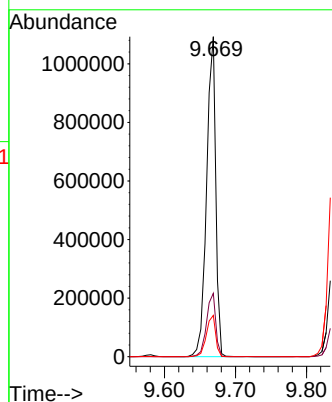
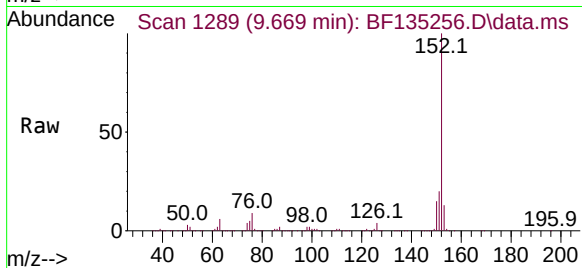
Tgt Ion:152 Resp: 982275

Ion Ratio Lower Upper

152 100

151 19.8 16.4 24.6

153 12.9 10.4 15.6



#50

Dimethylphthalate

Concen: 49.851 ng

RT: 9.533 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

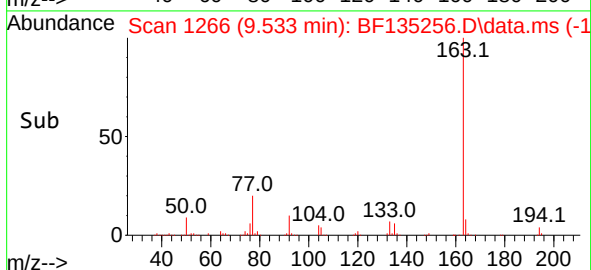
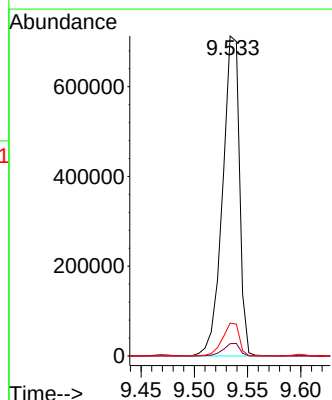
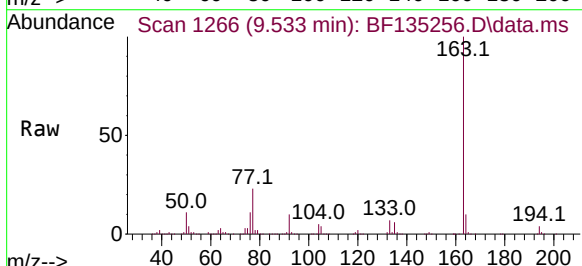
Tgt Ion:163 Resp: 784434

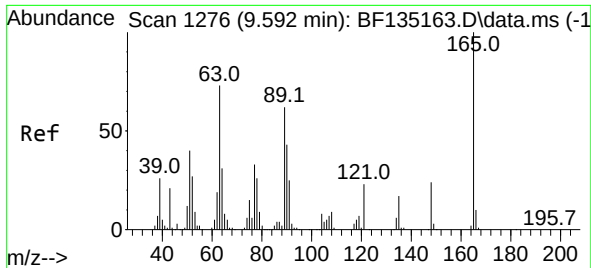
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.1 12.1

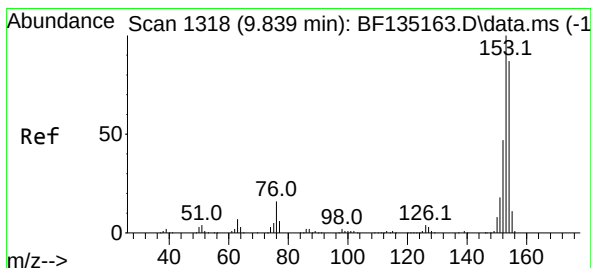
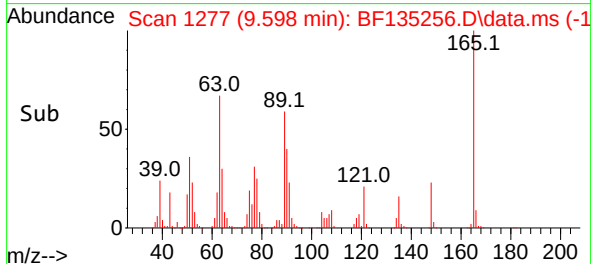
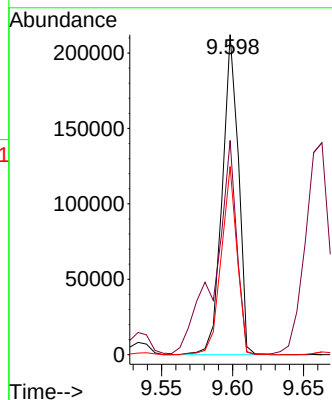
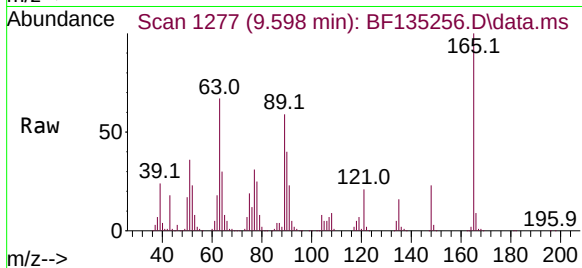




#51
2,6-Dinitrotoluene
Concen: 48.650 ng
RT: 9.598 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

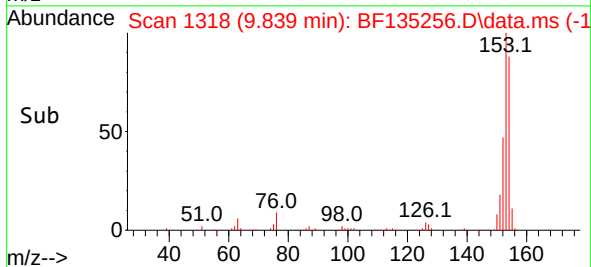
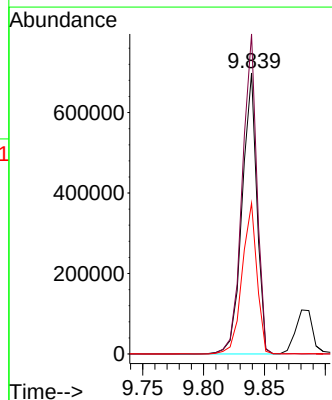
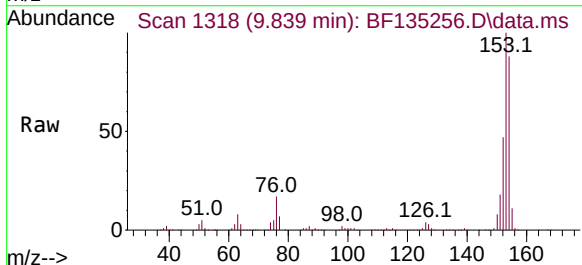
Instrument :
BNA_F
ClientSampleId :
PB154922BS

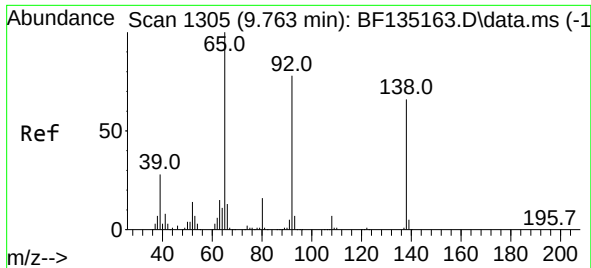
Tgt Ion:165 Resp: 167703
Ion Ratio Lower Upper
165 100
63 67.0 59.4 89.2
89 58.8 49.8 74.8



#52
Acenaphthene
Concen: 46.418 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:154 Resp: 591387
Ion Ratio Lower Upper
154 100
153 113.9 92.1 138.1
152 53.7 43.1 64.7

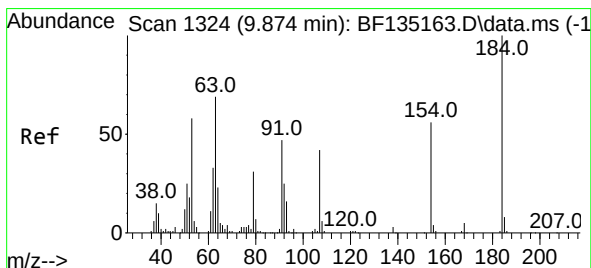
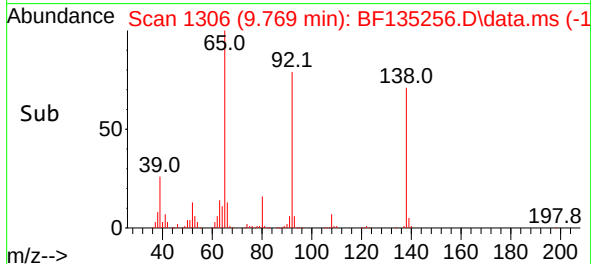
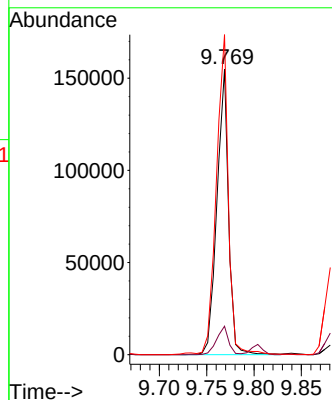
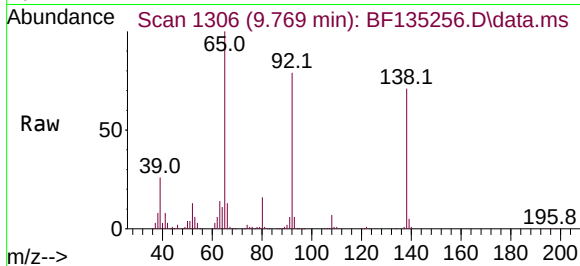




#53
3-Nitroaniline
Concen: 32.756 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

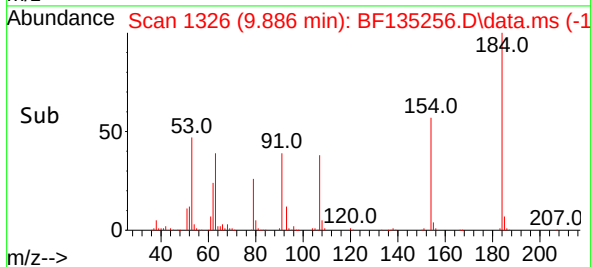
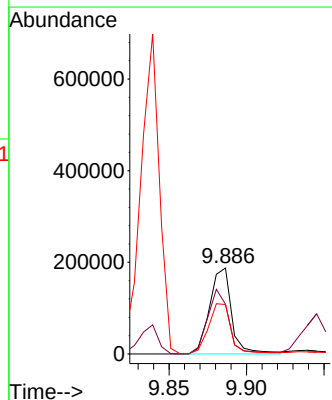
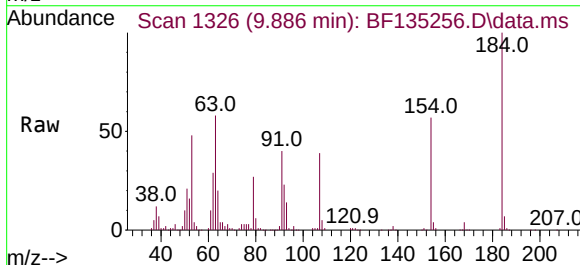
Instrument :
BNA_F
ClientSampleId :
PB154922BS

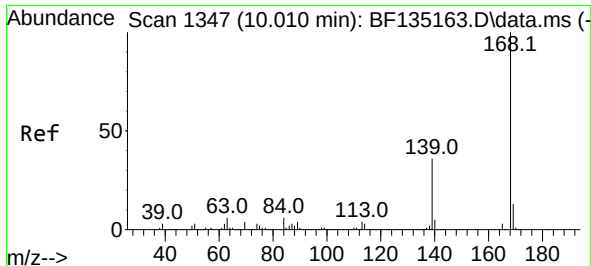
Tgt Ion:138 Resp: 132544
Ion Ratio Lower Upper
138 100
108 10.0 8.5 12.7
92 112.2 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 93.801 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:184 Resp: 185848
Ion Ratio Lower Upper
184 100
63 57.9 55.1 82.7
154 57.5 48.4 72.6

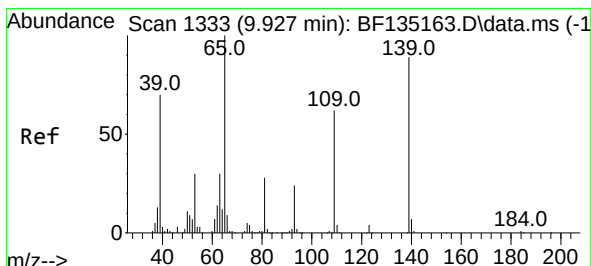
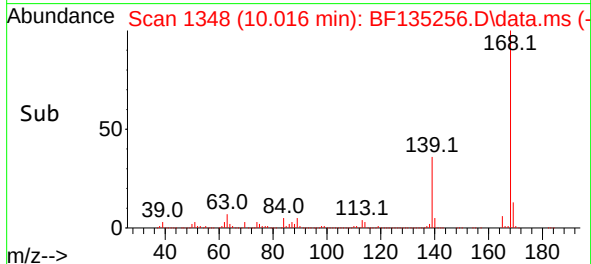
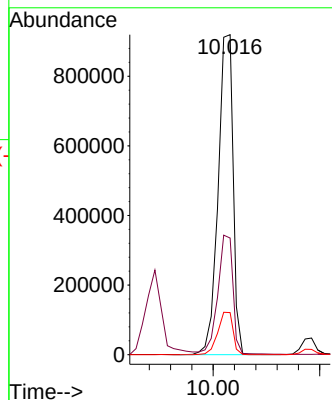
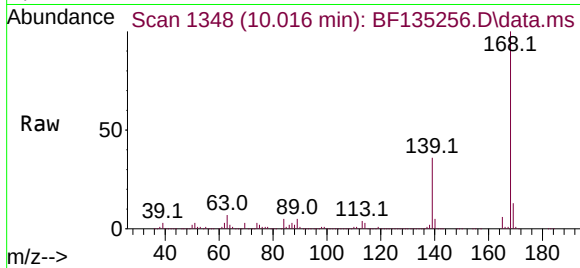




#55
Dibenzenofuran
Concen: 46.049 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

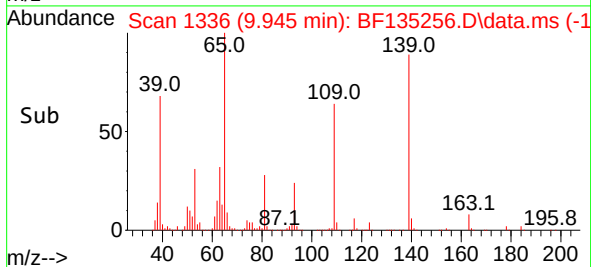
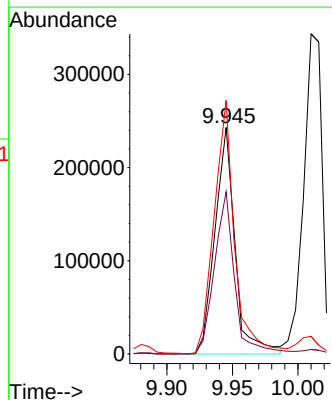
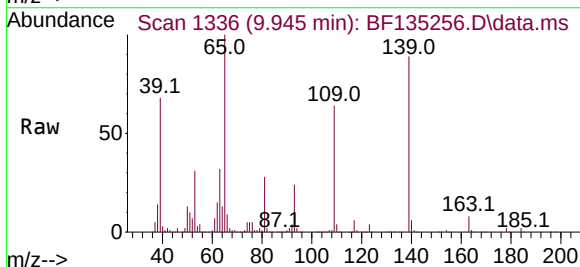
Instrument :
BNA_F
ClientSampleId :
PB154922BS

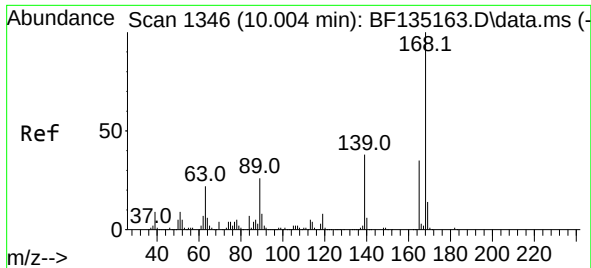
Tgt Ion:168 Resp: 895275
Ion Ratio Lower Upper
168 100
139 36.4 29.0 43.6
169 13.2 10.4 15.6



#56
4-Nitrophenol
Concen: 100.765 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.018 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:139 Resp: 259134
Ion Ratio Lower Upper
139 100
109 71.6 49.8 89.8
65 112.0 92.7 132.7

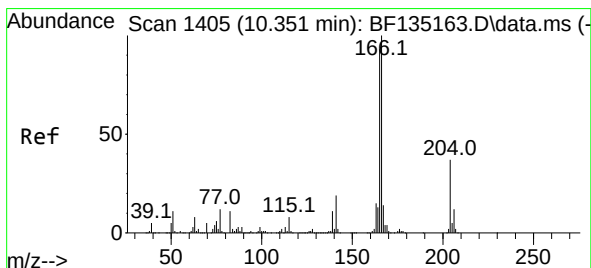
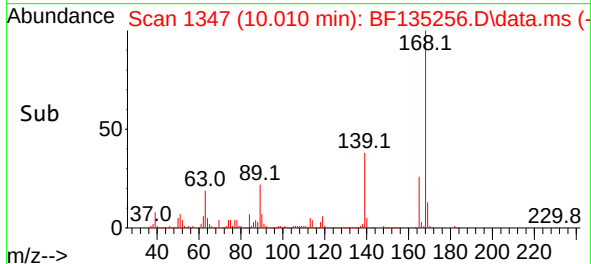
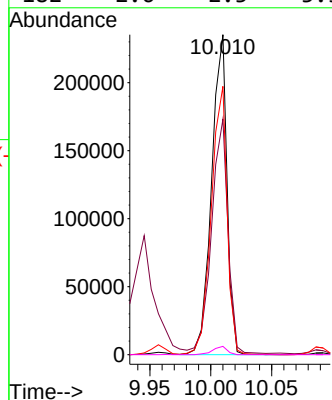
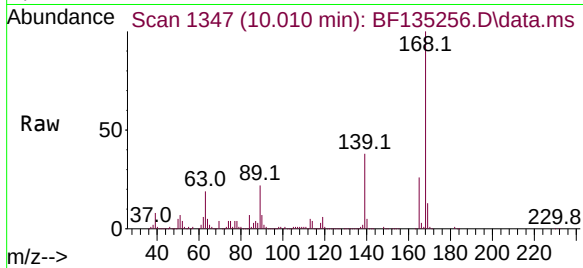




#57
2,4-Dinitrotoluene
Concen: 47.968 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

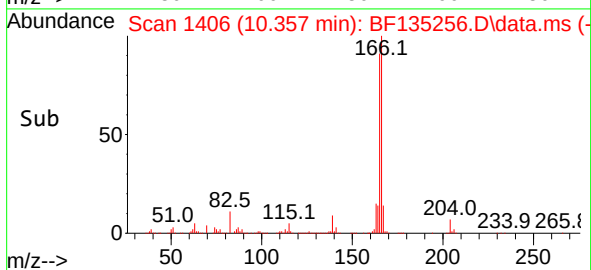
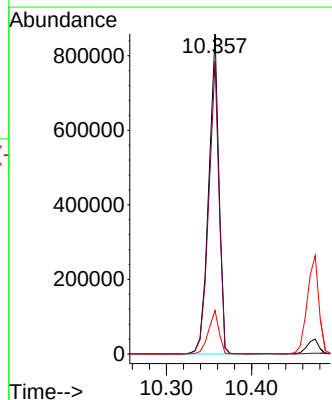
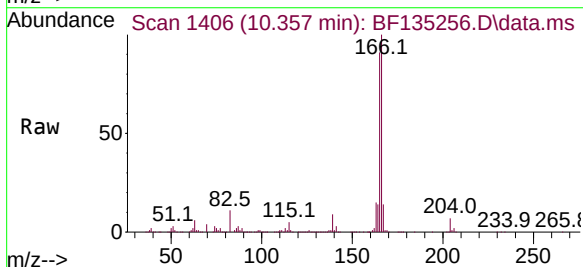
Instrument :
BNA_F
ClientSampleId :
PB154922BS

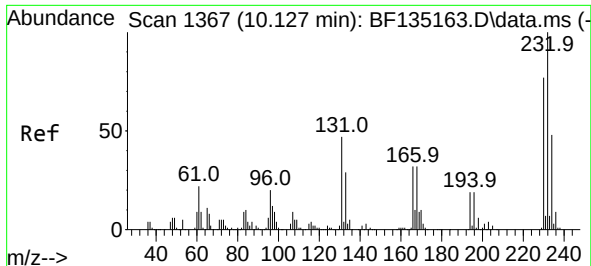
Tgt Ion:165 Resp: 207004
Ion Ratio Lower Upper
165 100
63 73.6 50.1 75.1
89 83.8 59.3 88.9
182 2.6 2.3 3.5



#58
Fluorene
Concen: 47.895 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:166 Resp: 715856
Ion Ratio Lower Upper
166 100
165 91.4 74.3 111.5
167 13.6 10.9 16.3

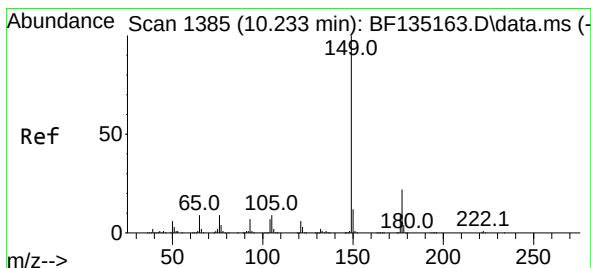
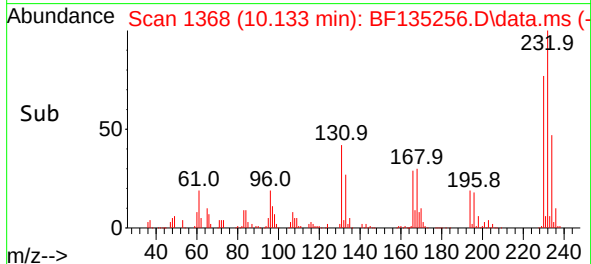
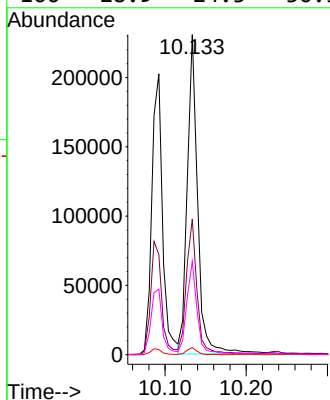
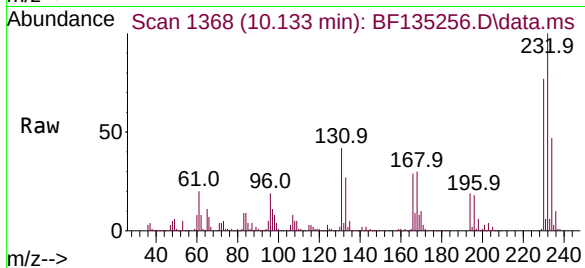




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.362 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

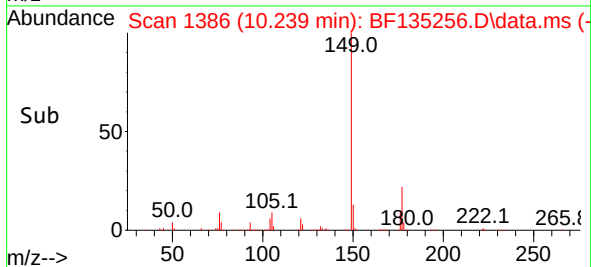
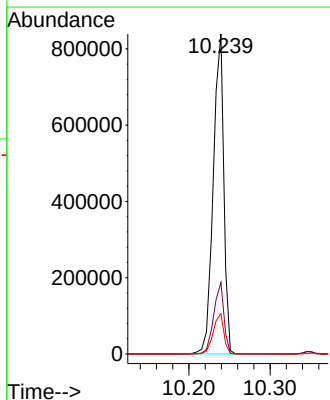
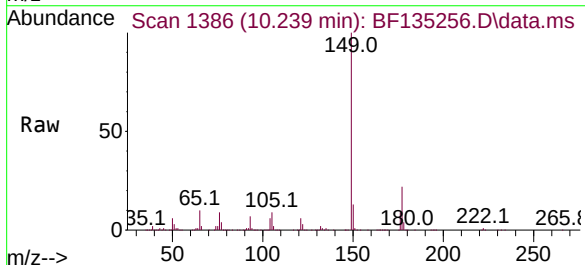
Instrument :
BNA_F
ClientSampleId :
PB154922BS

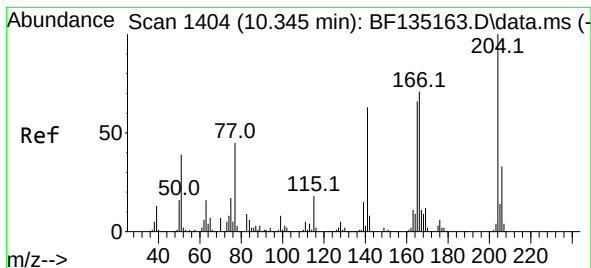
Tgt Ion:232 Resp: 204780
Ion Ratio Lower Upper
232 100
131 44.3 35.4 53.2
130 2.2 1.8 2.8
166 28.9 24.3 36.5



#60
Diethylphthalate
Concen: 47.863 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:149 Resp: 755853
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 12.6 10.0 15.0

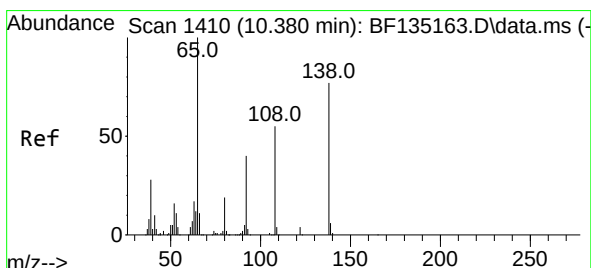
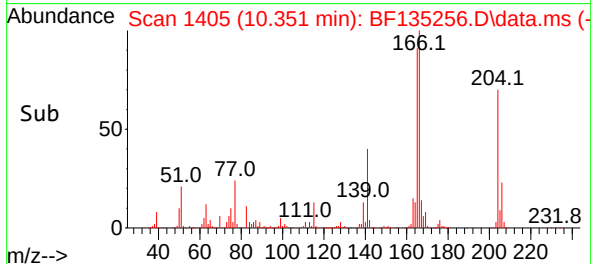
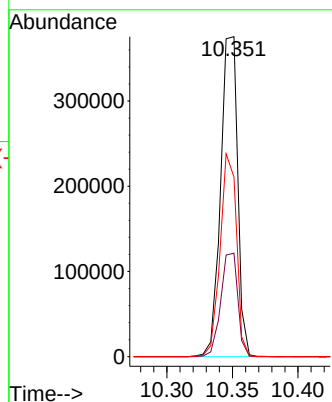
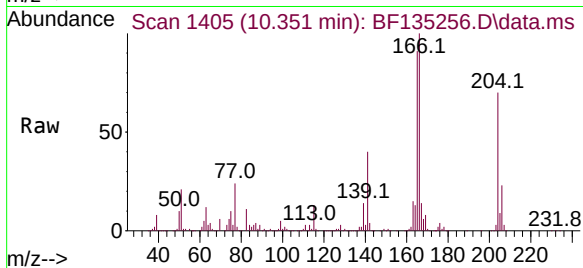




#61
4-Chlorophenyl-phenylether
Concen: 47.294 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

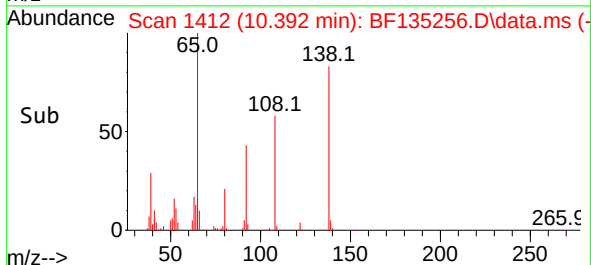
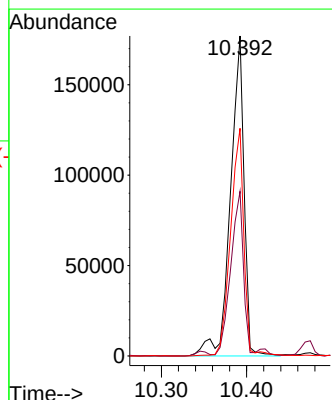
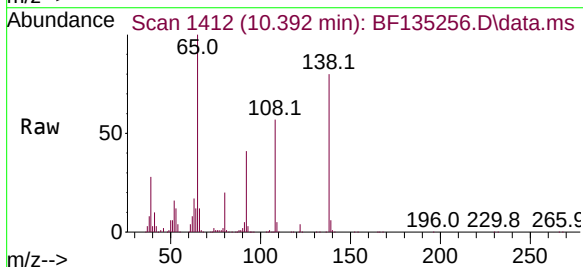
Instrument :
BNA_F
ClientSampleId :
PB154922BS

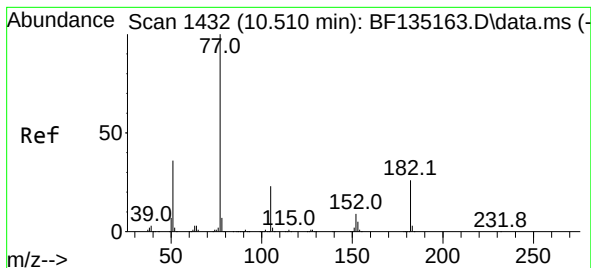
Tgt Ion:204 Resp: 339556
Ion Ratio Lower Upper
204 100
206 32.3 26.7 40.1
141 56.1 50.6 75.8



#62
4-Nitroaniline
Concen: 50.364 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:138 Resp: 195894
Ion Ratio Lower Upper
138 100
92 51.4 31.8 71.8
108 71.2 52.0 92.0





#63

Azobenzene

Concen: 49.633 ng

RT: 10.510 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

Tgt Ion: 77 Resp: 767098

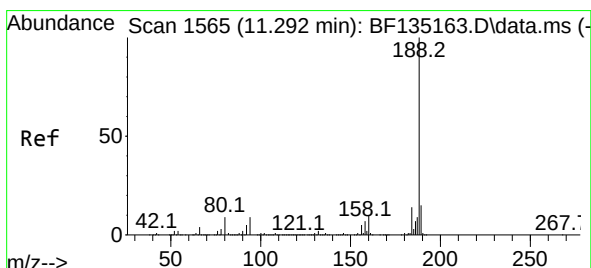
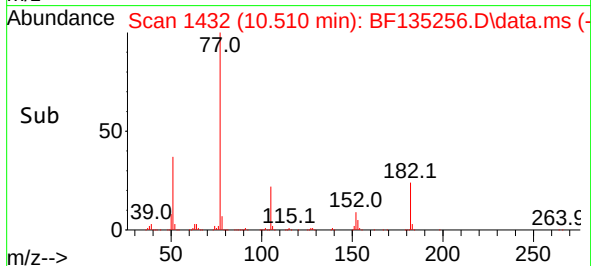
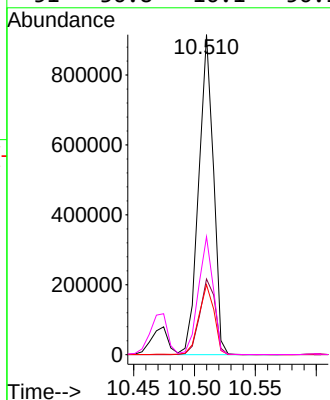
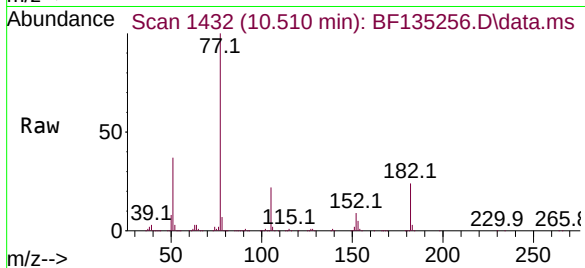
Ion Ratio Lower Upper

77 100

182 23.6 6.4 46.4

105 21.9 3.1 43.1

51 36.8 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1566

Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

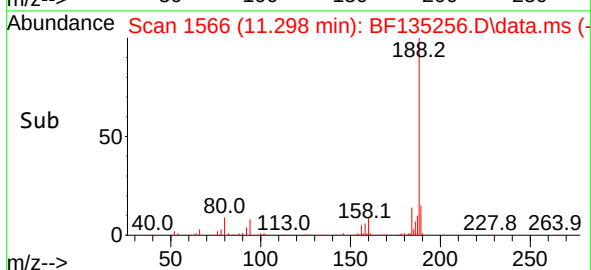
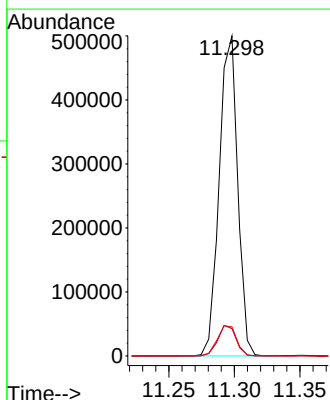
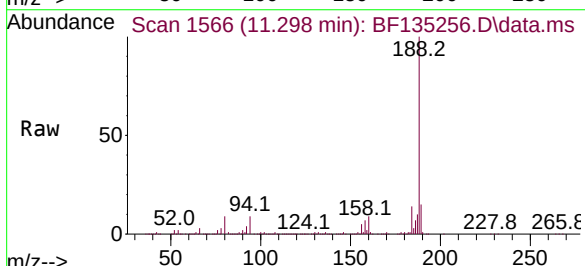
Tgt Ion: 188 Resp: 489559

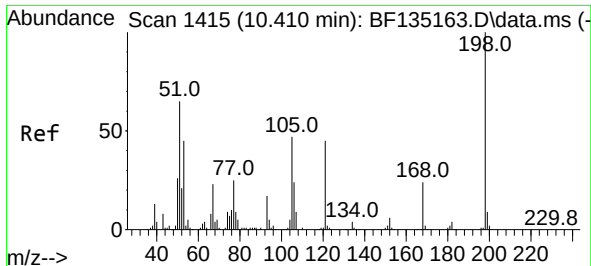
Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 9.1 7.5 11.3

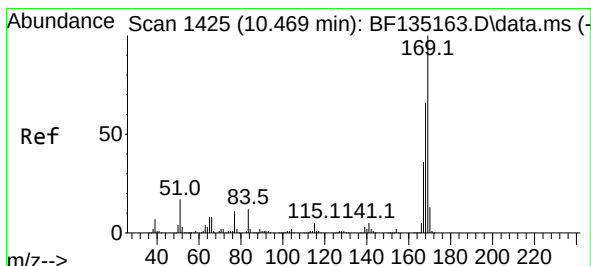
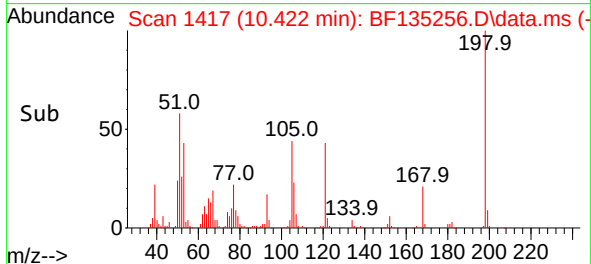
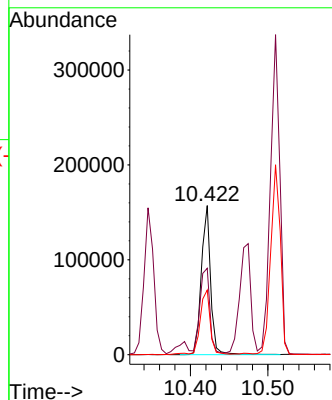
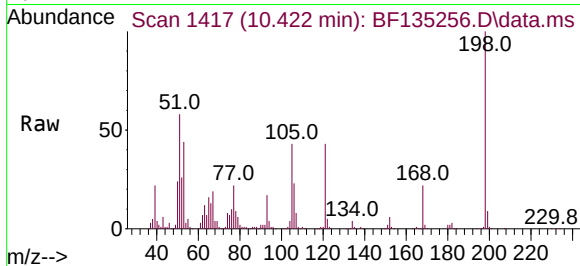




#65
4,6-Dinitro-2-methylphenol
Concen: 50.317 ng
RT: 10.422 min Scan# 1415
Delta R.T. 0.012 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

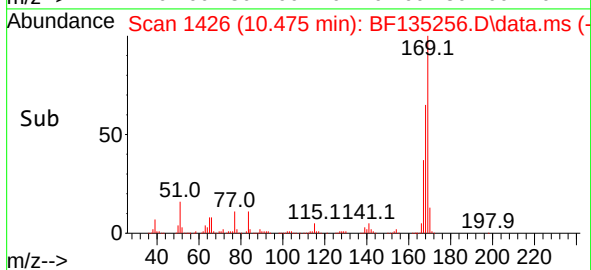
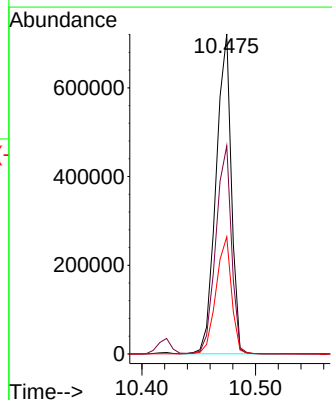
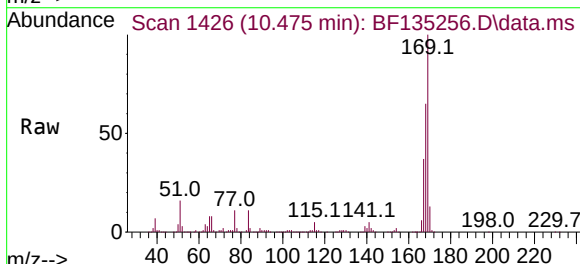
Instrument :
BNA_F
ClientSampleId :
PB154922BS

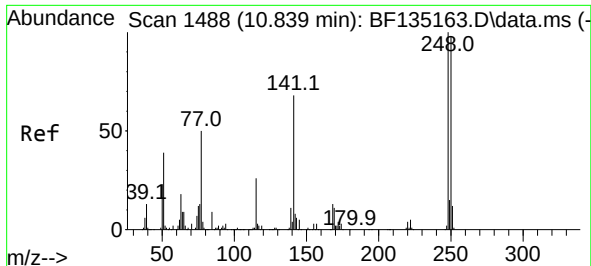
Tgt Ion:198 Resp: 130835
Ion Ratio Lower Upper
198 100
51 58.0 47.7 87.7
105 43.4 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 45.447 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:169 Resp: 673585
Ion Ratio Lower Upper
169 100
168 65.1 52.8 79.2
167 36.6 29.0 43.6

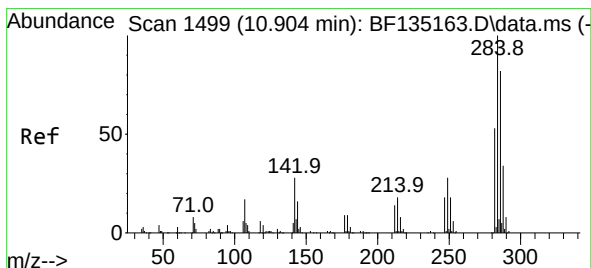
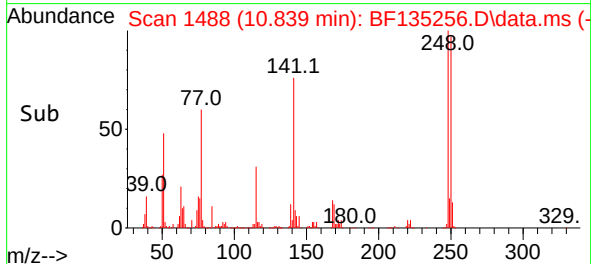
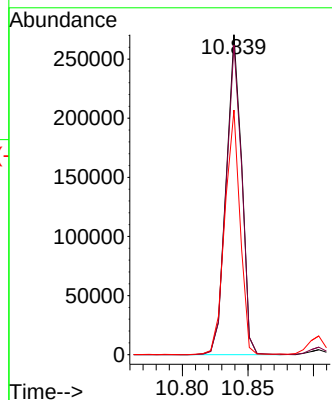
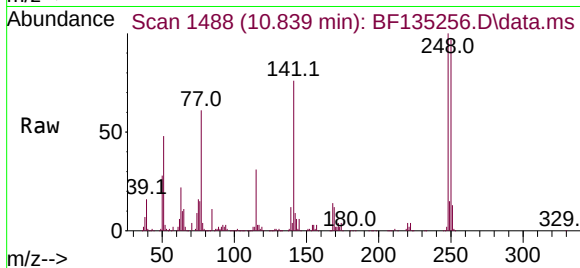




#67
4-Bromophenyl-phenylether
Concen: 45.561 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

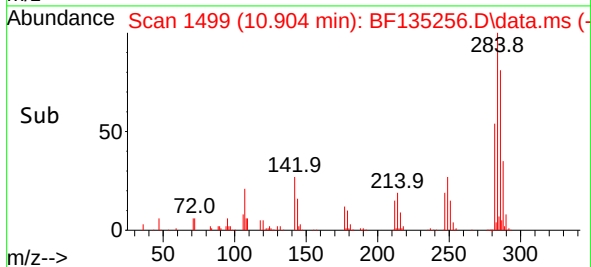
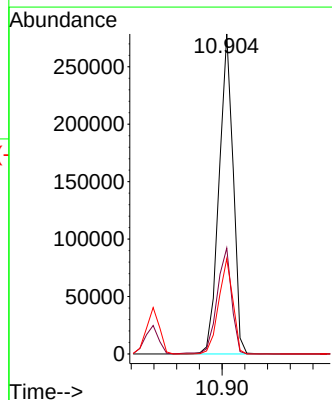
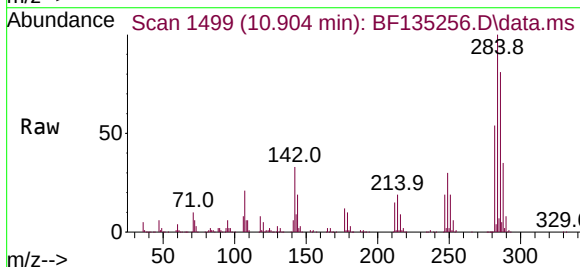
Instrument :
BNA_F
ClientSampleId :
PB154922BS

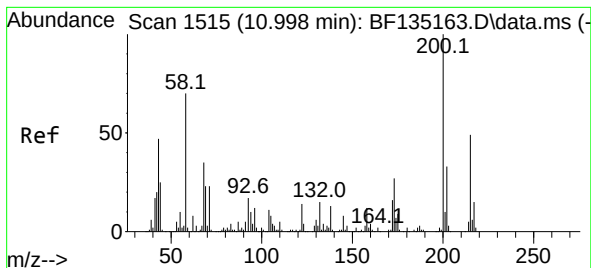
Tgt Ion:248 Resp: 221836
Ion Ratio Lower Upper
248 100
250 96.8 78.6 117.8
141 76.4 54.2 81.2



#68
Hexachlorobenzene
Concen: 48.284 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:284 Resp: 239511
Ion Ratio Lower Upper
284 100
142 33.1 22.2 33.4
249 29.7 22.5 33.7





#69

Atrazine

Concen: 56.692 ng

RT: 11.010 min Scan# 1517

Delta R.T. 0.012 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

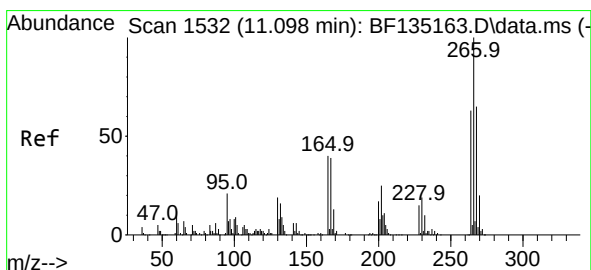
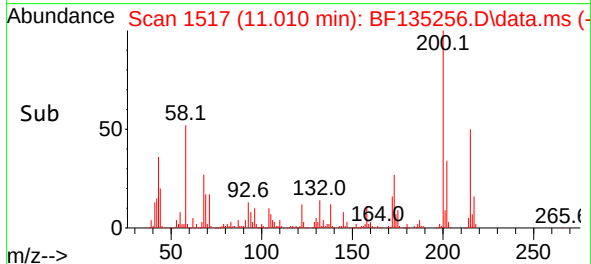
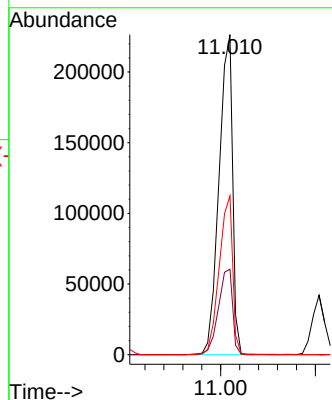
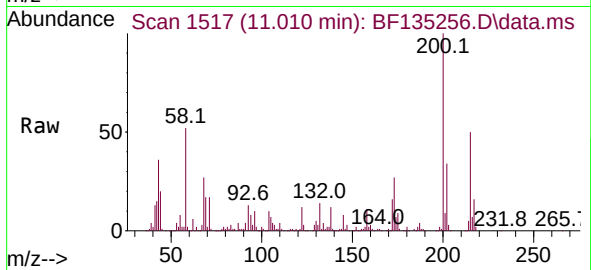
Tgt Ion:200 Resp: 226087

Ion Ratio Lower Upper

200 100

173 26.7 7.4 47.4

215 49.7 28.6 68.6



#70

Pentachlorophenol

Concen: 85.975 ng

RT: 11.104 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

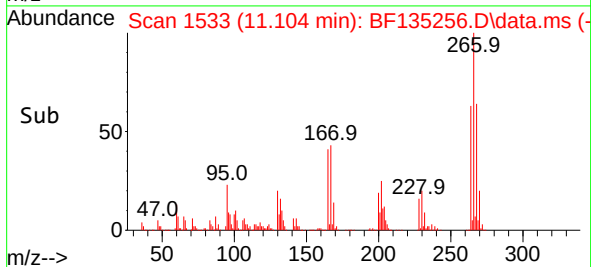
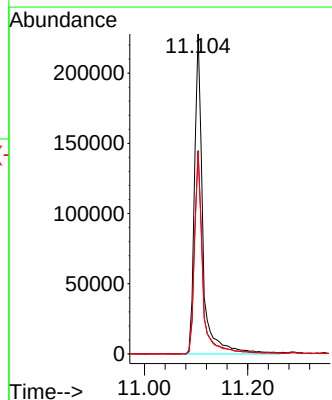
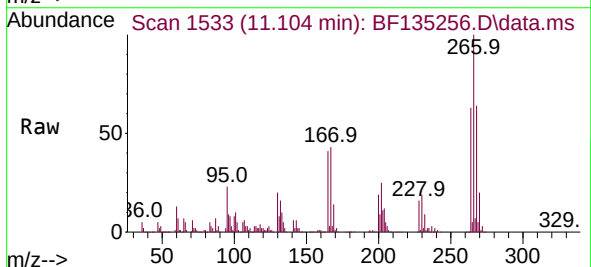
Tgt Ion:266 Resp: 255159

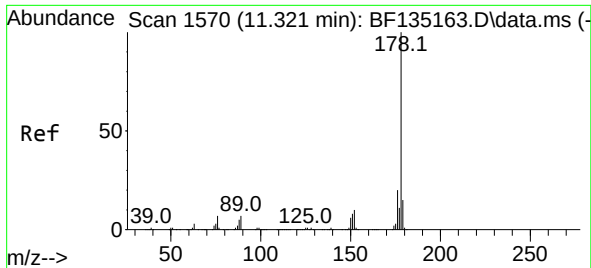
Ion Ratio Lower Upper

266 100

268 63.5 52.1 78.1

264 63.2 50.8 76.2

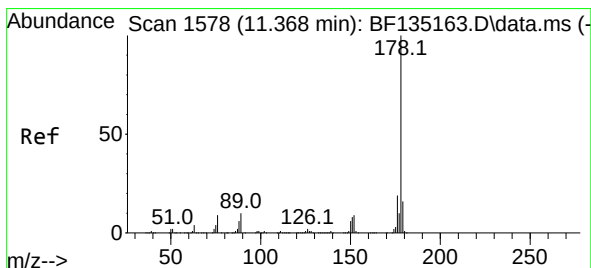
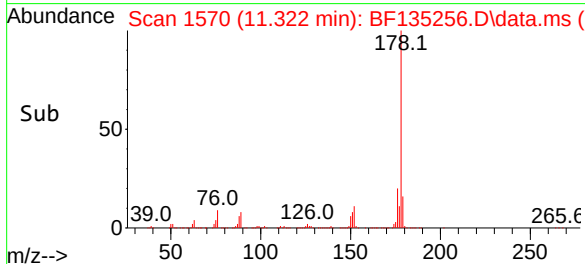
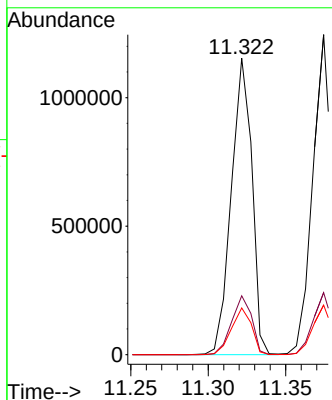
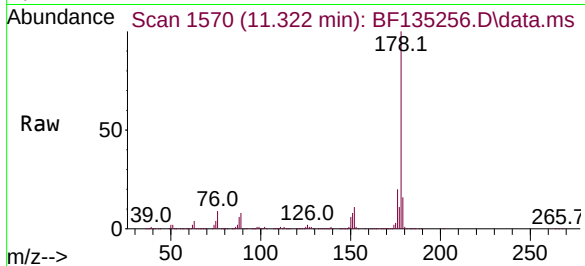




#71
Phenanthrene
Concen: 46.030 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

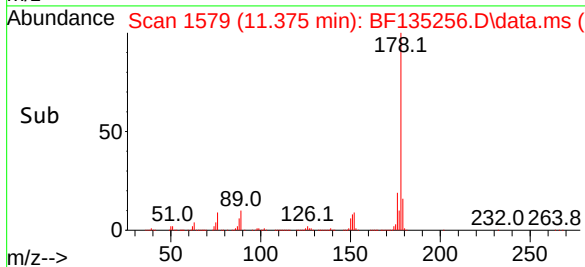
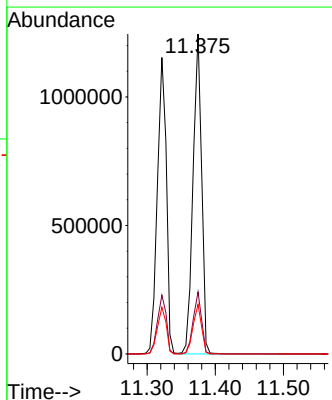
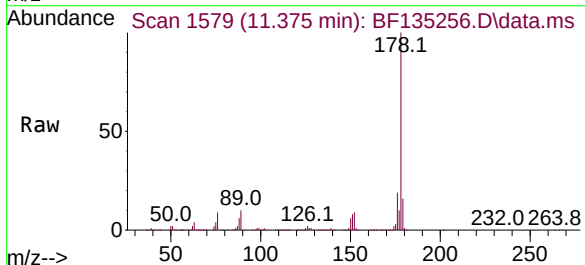
Instrument :
BNA_F
ClientSampleId :
PB154922BS

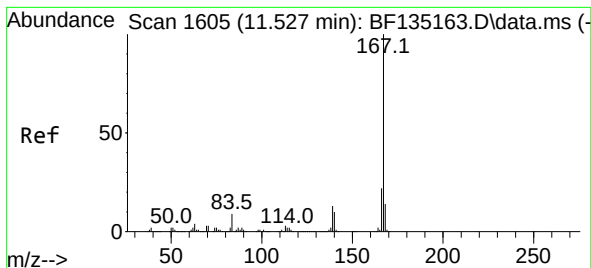
Tgt Ion:178 Resp: 1065773
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.8 12.0 18.0



#72
Anthracene
Concen: 45.400 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:178 Resp: 1080508
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.5 12.6 19.0





#73

Carbazole

Concen: 47.536 ng

RT: 11.533 min Scan# 1606

Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

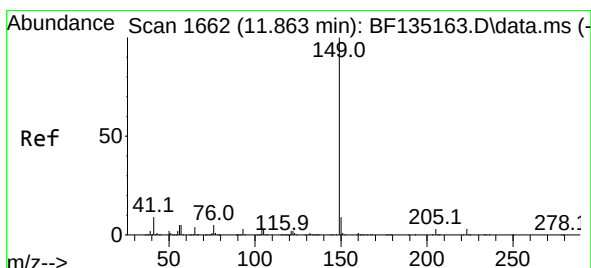
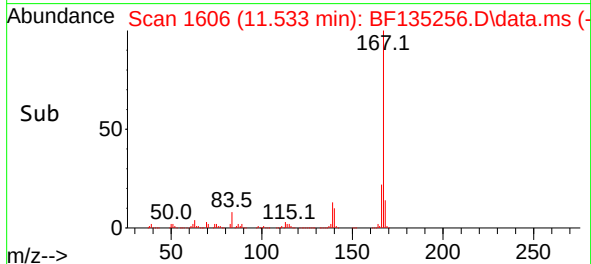
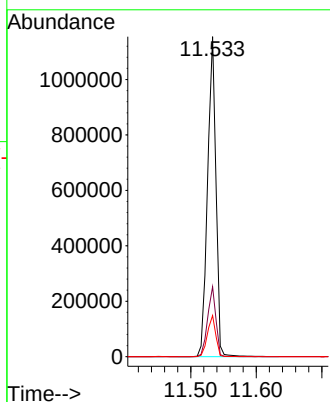
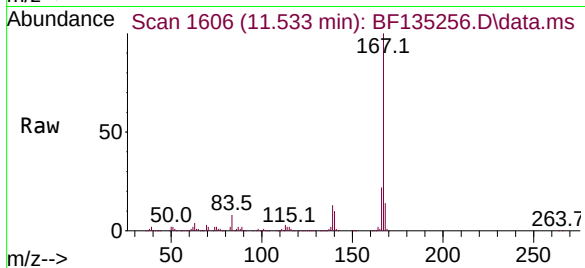
Tgt Ion:167 Resp: 1029903

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.0

139 12.8 10.6 15.8



#74

Di-n-butylphthalate

Concen: 49.216 ng

RT: 11.869 min Scan# 1663

Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

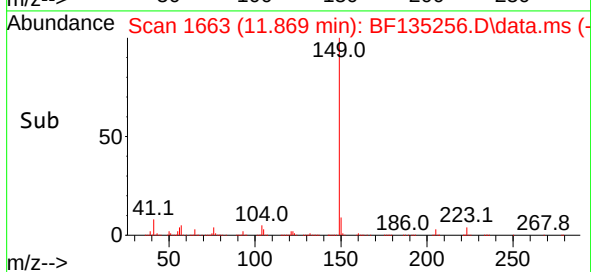
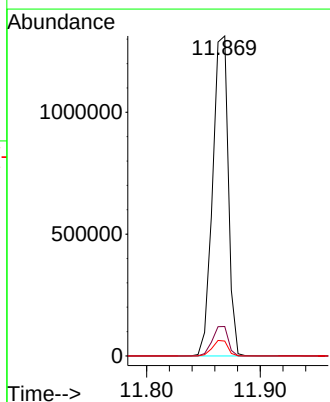
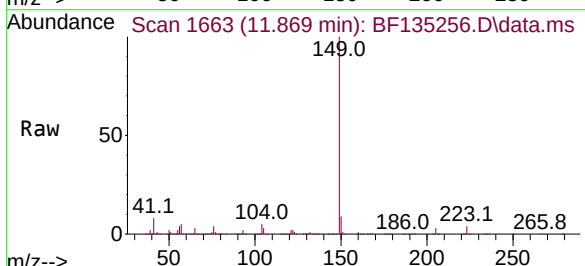
Tgt Ion:149 Resp: 1256453

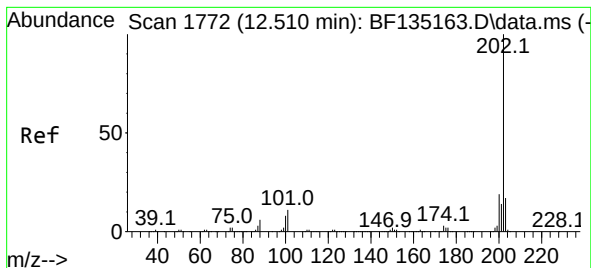
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 47.424 ng

RT: 12.516 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

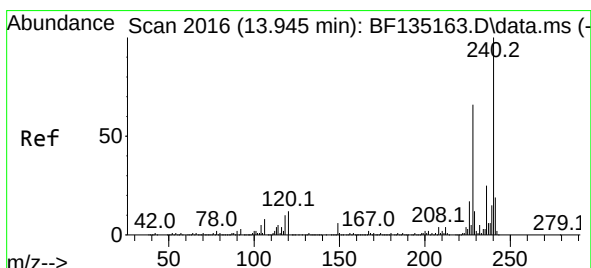
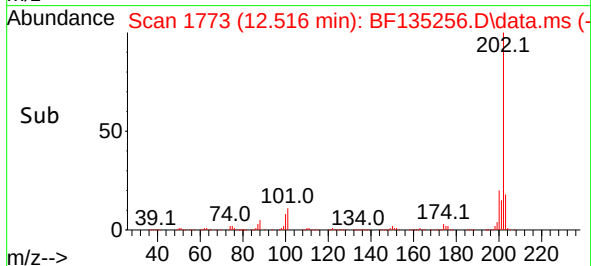
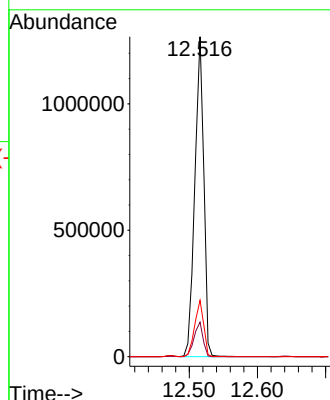
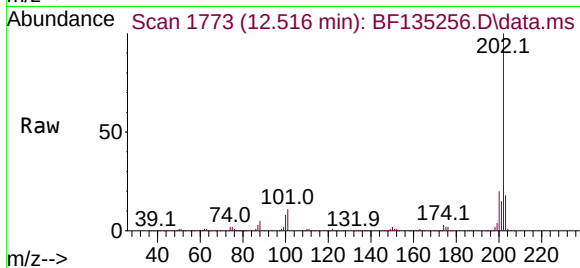
Tgt Ion:202 Resp: 1144164

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.3

203 17.6 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

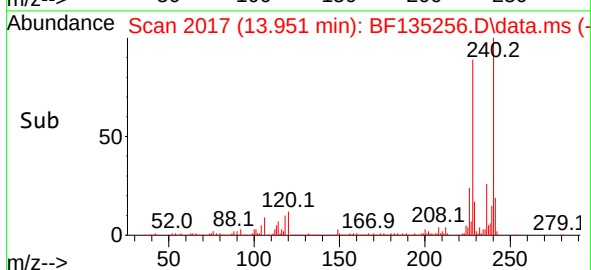
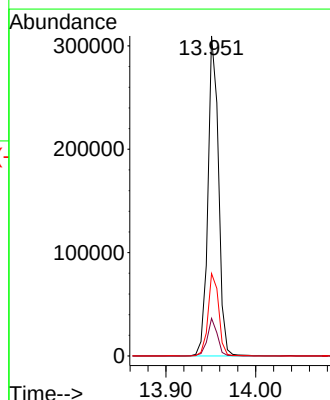
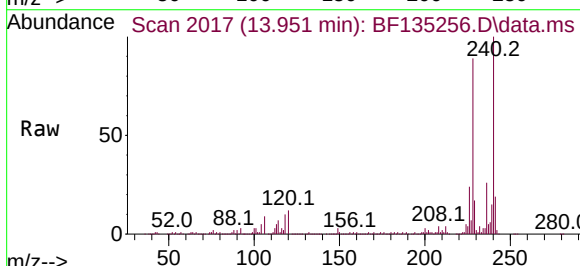
Tgt Ion:240 Resp: 253636

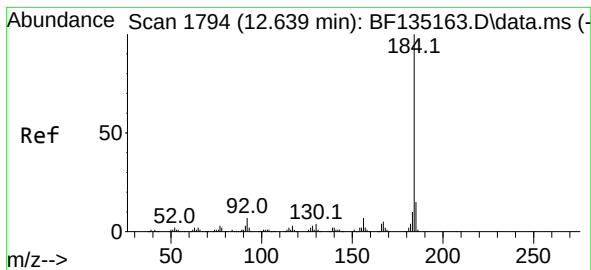
Ion Ratio Lower Upper

240 100

120 11.8 9.4 14.2

236 25.7 19.8 29.8





#77

Benzidine

Concen: 65.361 ng

RT: 12.639 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

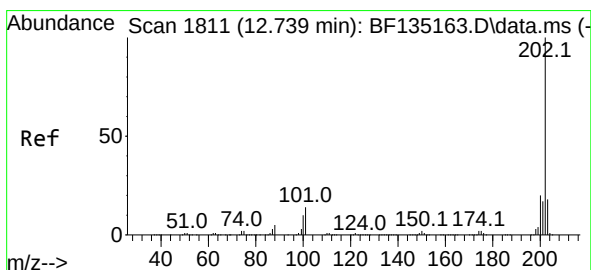
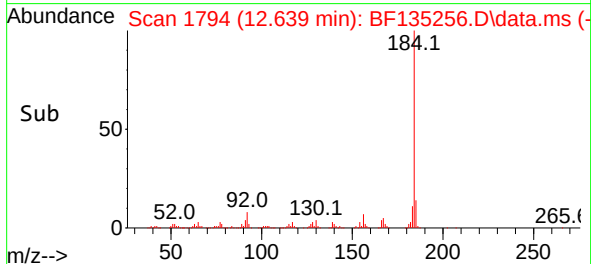
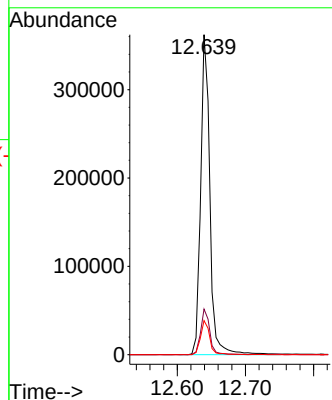
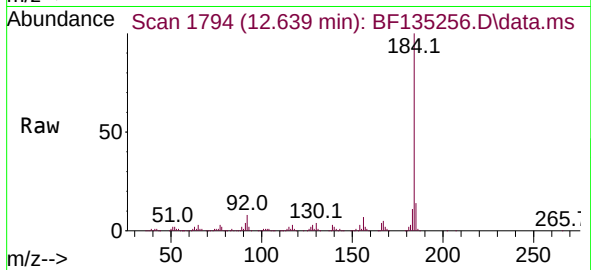
Tgt Ion:184 Resp: 339630

Ion Ratio Lower Upper

184 100

185 14.2 11.7 17.5

183 10.6 8.2 12.4



#78

Pyrene

Concen: 47.701 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

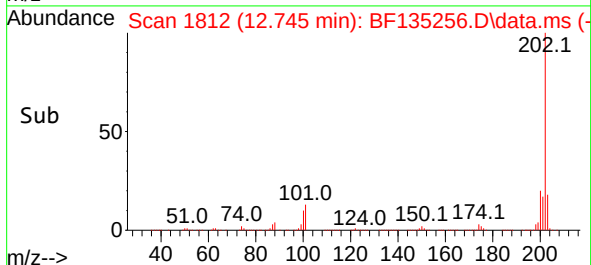
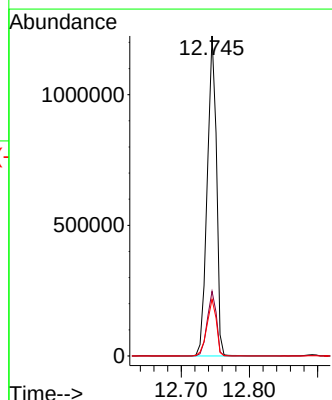
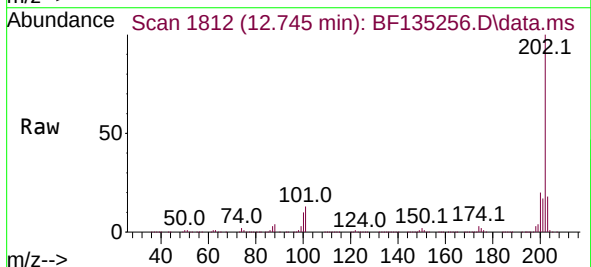
Tgt Ion:202 Resp: 1151892

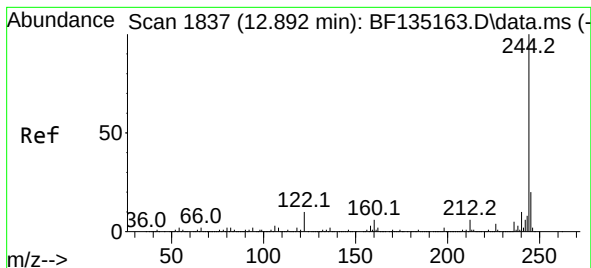
Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 94.584 ng

RT: 12.892 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

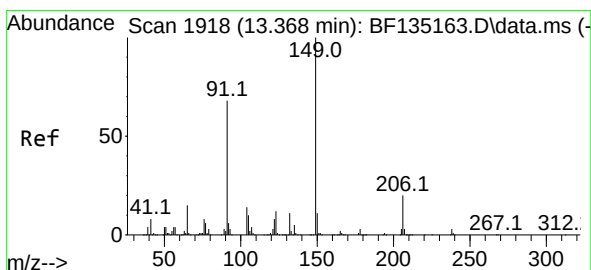
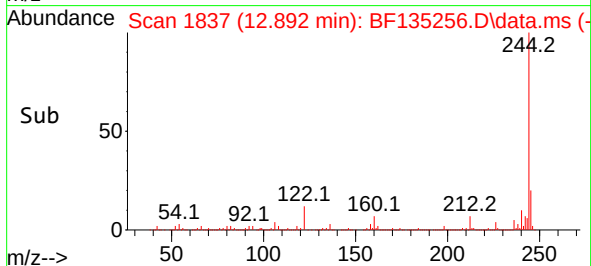
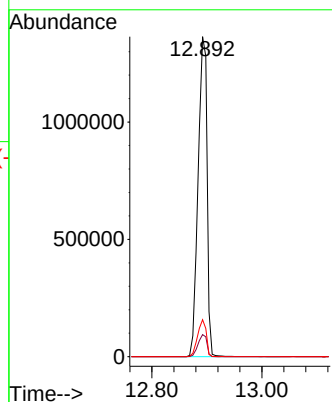
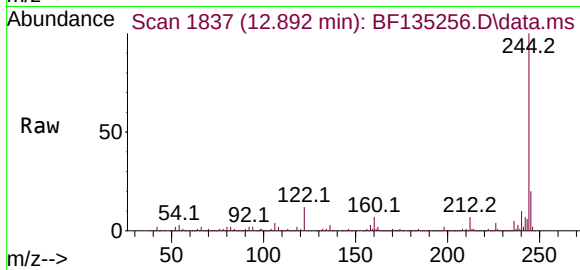
Tgt Ion:244 Resp: 1547542

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 11.6 7.9 11.9



#80

Butylbenzylphthalate

Concen: 56.759 ng

RT: 13.374 min Scan# 1919

Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

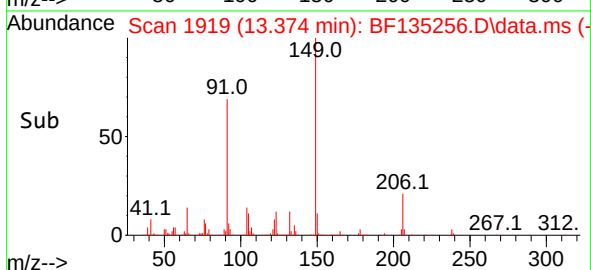
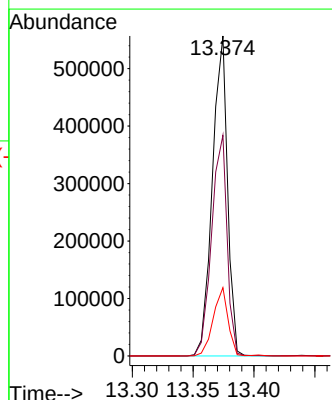
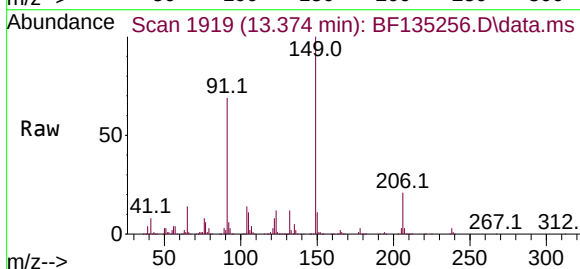
Tgt Ion:149 Resp: 482571

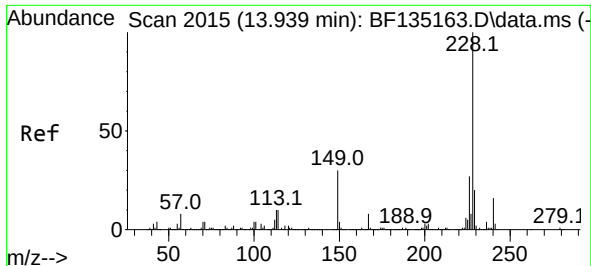
Ion Ratio Lower Upper

149 100

91 69.0 54.7 82.1

206 21.3 16.3 24.5

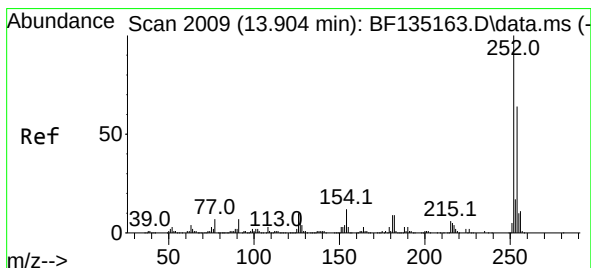
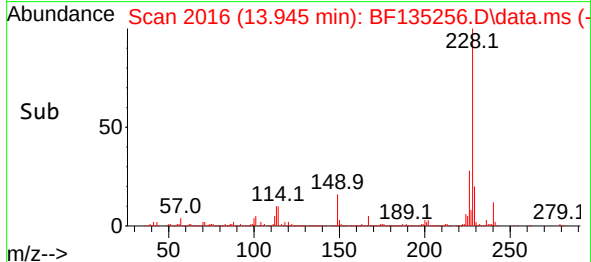
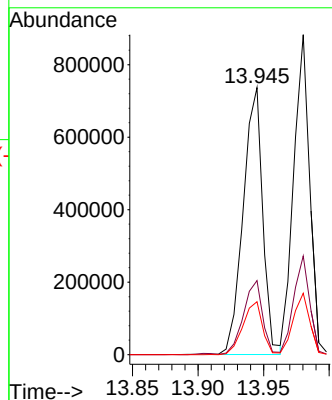
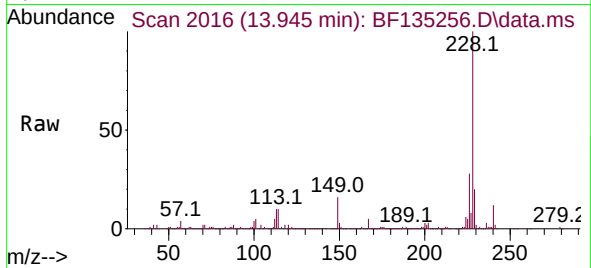




#81
Benzo(a)anthracene
Concen: 46.780 ng
RT: 13.945 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

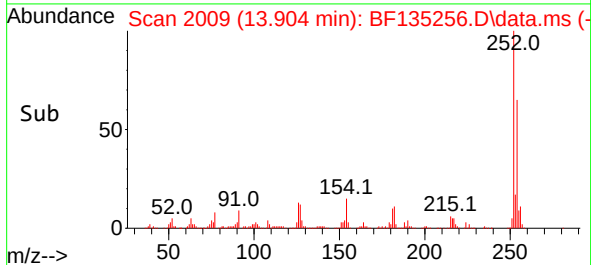
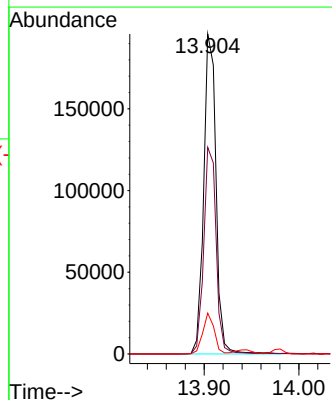
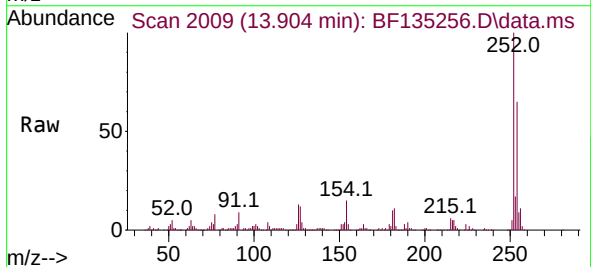
Instrument :
BNA_F
ClientSampleId :
PB154922BS

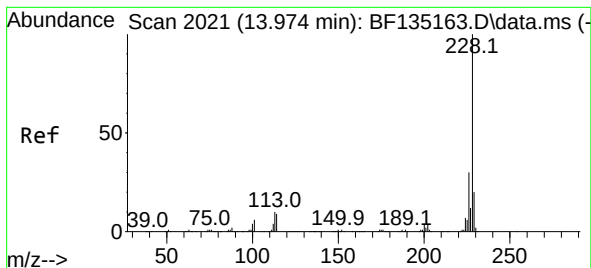
Tgt Ion:228 Resp: 766155
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 19.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 34.685 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:252 Resp: 177438
Ion Ratio Lower Upper
252 100
254 64.6 51.0 76.4
126 12.8 7.8 11.8#





#83

Chrysene

Concen: 46.288 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

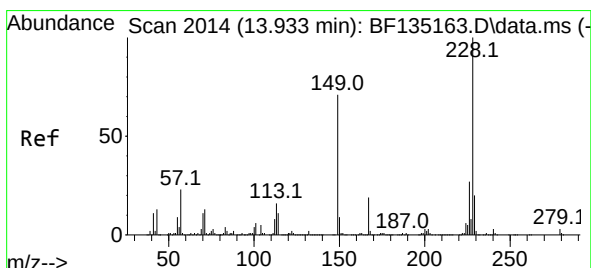
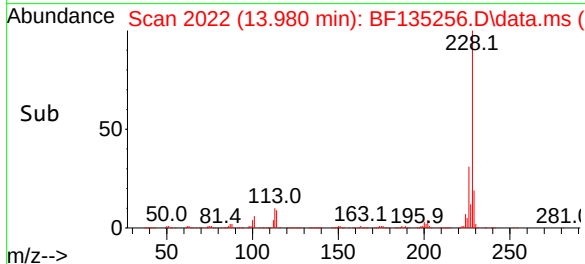
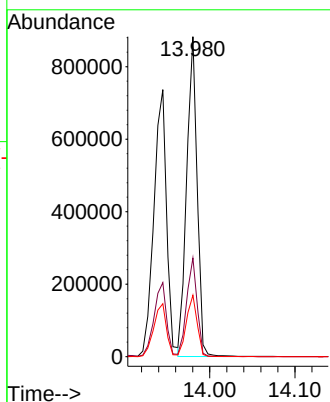
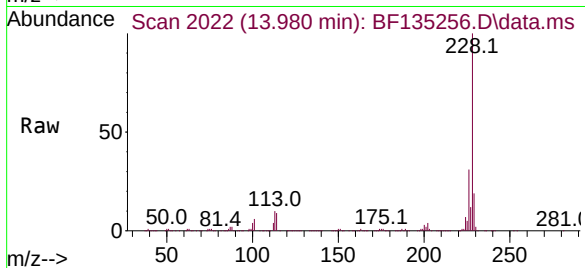
Tgt Ion:228 Resp: 753728

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

229 19.2 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.539 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

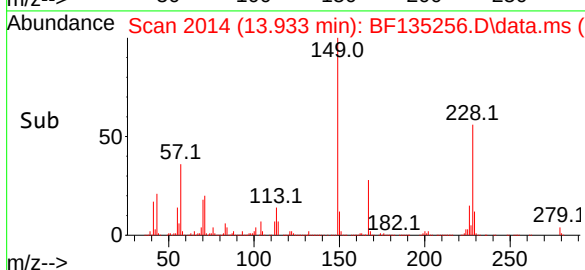
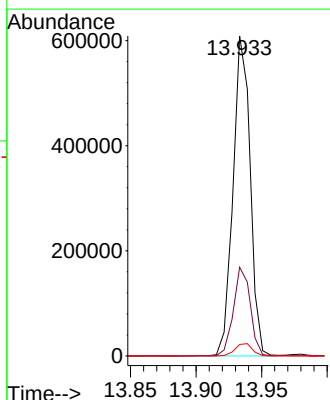
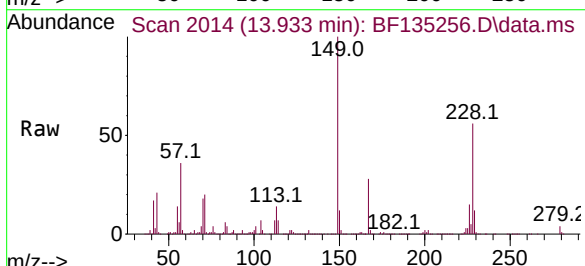
Tgt Ion:149 Resp: 554355

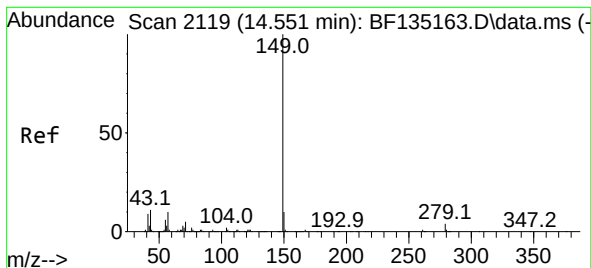
Ion Ratio Lower Upper

149 100

167 27.7 21.9 32.9

279 3.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 61.678 ng

RT: 14.551 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

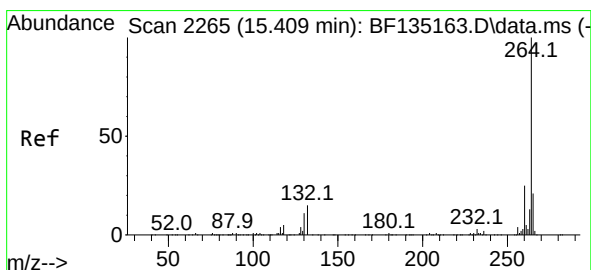
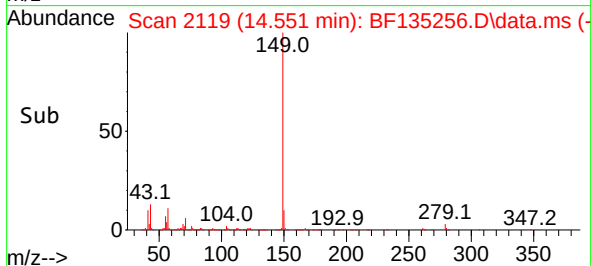
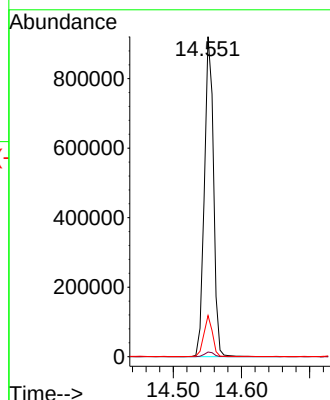
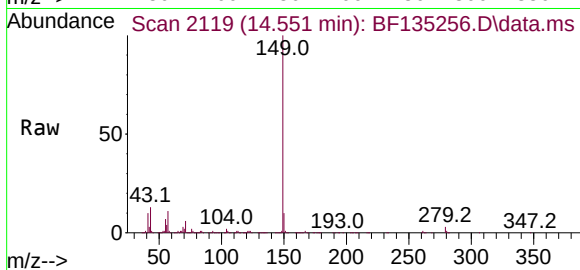
Tgt Ion:149 Resp: 855183

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 12.1 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

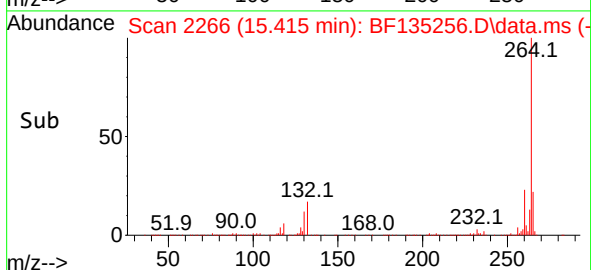
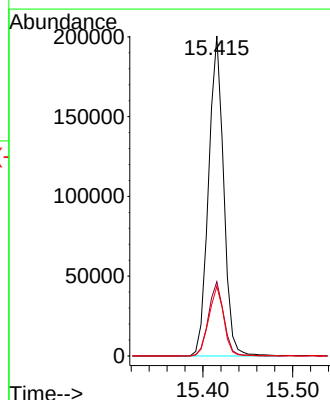
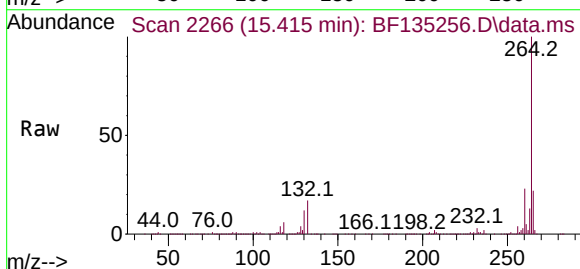
Tgt Ion:264 Resp: 233794

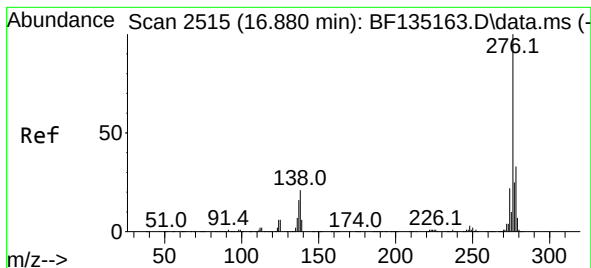
Ion Ratio Lower Upper

264 100

260 23.2 19.8 29.6

265 21.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.090 ng

RT: 16.898 min Scan# 2118

Delta R.T. 0.018 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

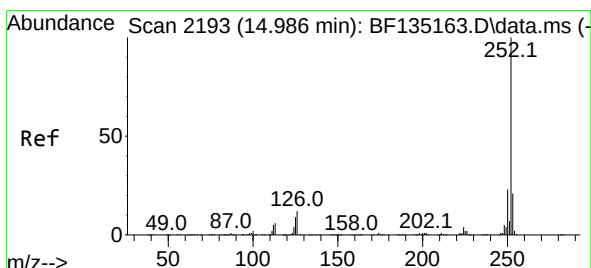
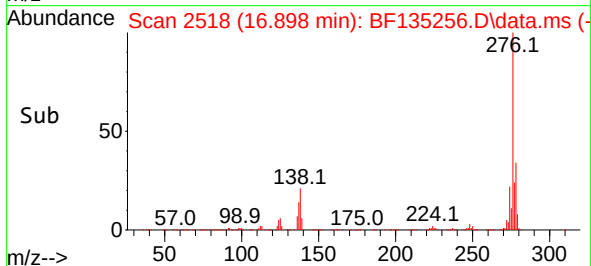
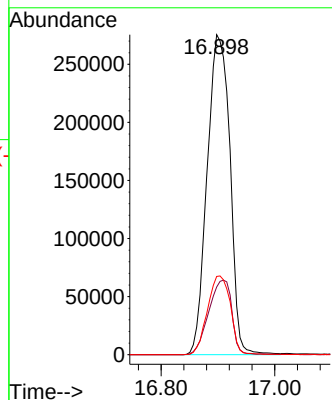
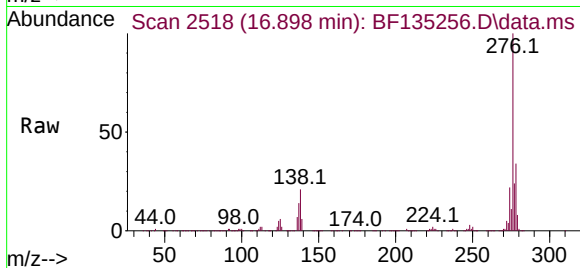
Tgt Ion:276 Resp: 767840

Ion Ratio Lower Upper

276 100

138 23.5 19.2 28.8

277 24.8 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 50.818 ng

RT: 14.992 min Scan# 2194

Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

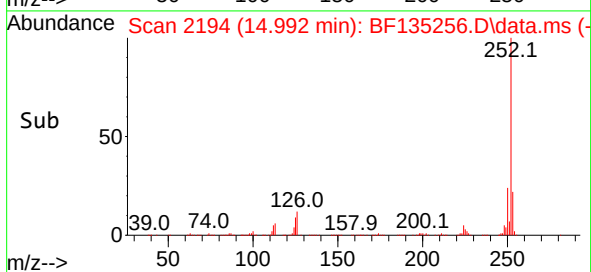
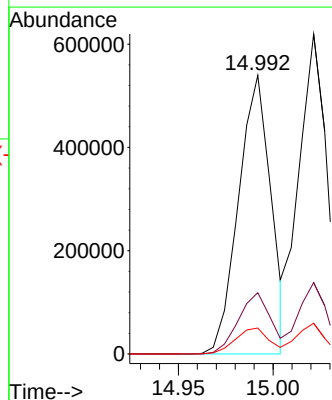
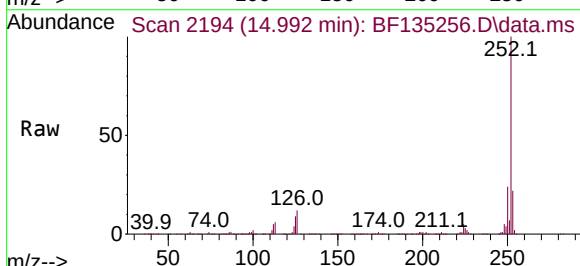
Tgt Ion:252 Resp: 643155

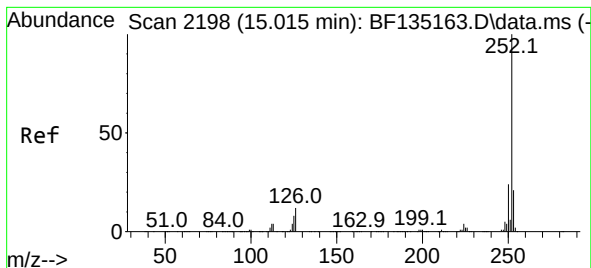
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 9.3 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 50.984 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

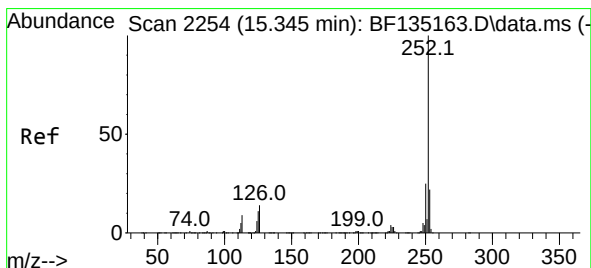
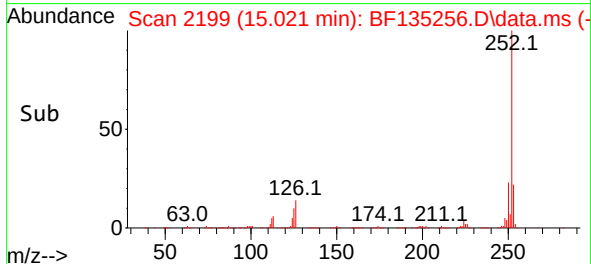
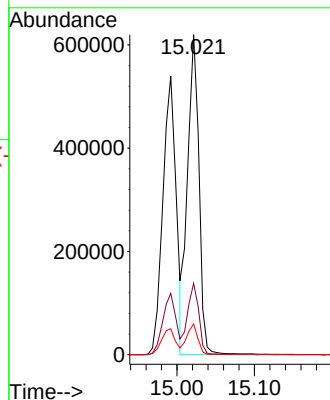
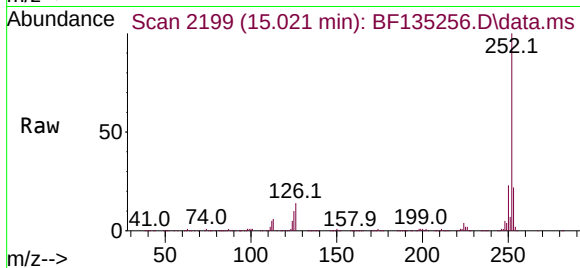
Tgt Ion:252 Resp: 637400

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 9.6 7.2 10.8



#90

Benzo(a)pyrene

Concen: 47.762 ng

RT: 15.357 min Scan# 2256

Delta R.T. 0.012 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

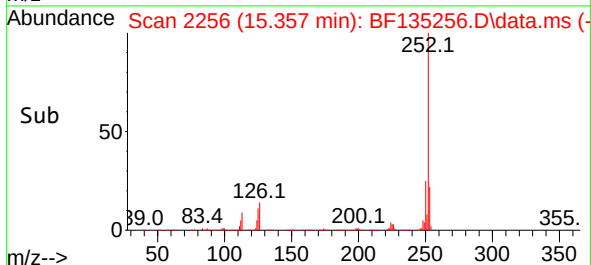
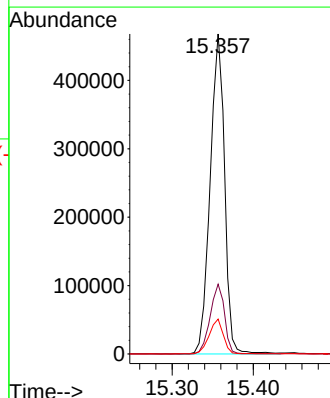
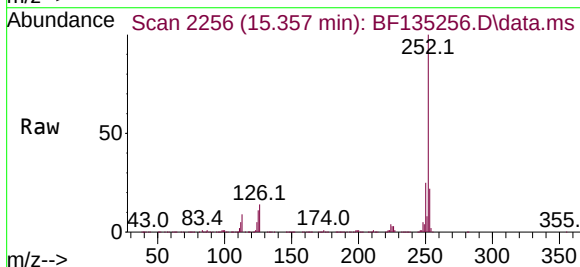
Tgt Ion:252 Resp: 576458

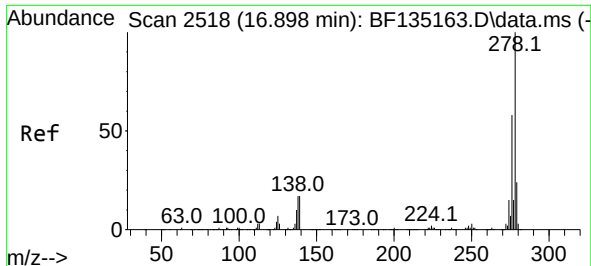
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.9 9.2 13.8

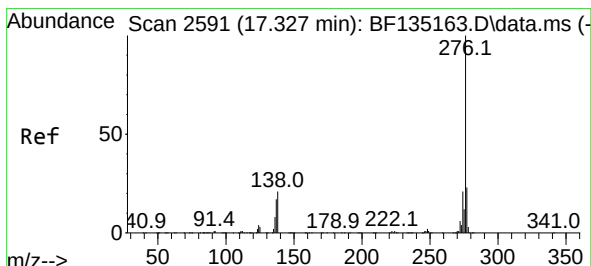
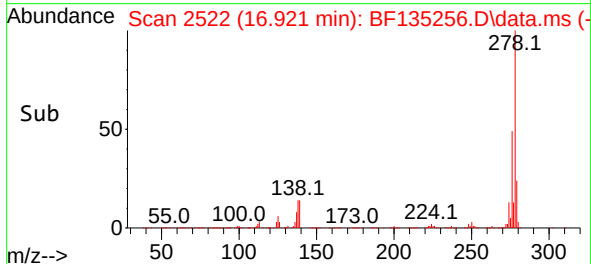
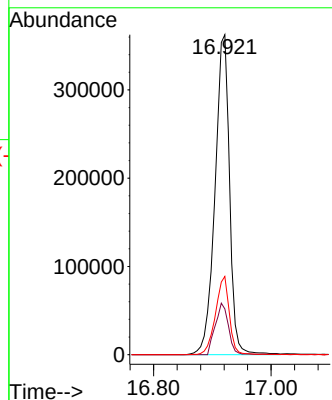
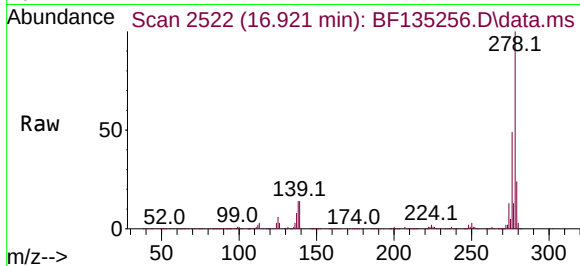




#91
Dibenzo(a,h)anthracene
Concen: 49.697 ng
RT: 16.921 min Scan# 2518
Delta R.T. 0.024 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Instrument :
BNA_F
ClientSampleId :
PB154922BS

Tgt Ion:278 Resp: 623329
Ion Ratio Lower Upper
278 100
139 14.3 13.4 20.0
279 24.5 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 48.200 ng
RT: 17.351 min Scan# 2595
Delta R.T. 0.024 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:276 Resp: 631375
Ion Ratio Lower Upper
276 100
277 24.2 18.8 28.2
138 20.9 16.9 25.3

