

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135248.D
 Acq On : 14 Sep 2023 11:59
 Operator : CG\JU
 Sample : PB155361BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155361BS

Quant Time: Sep 15 01:05:48 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	123148	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	482417	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	251304	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	484029	20.000	ng	0.00
76) Chrysene-d12	13.951	240	241201	20.000	ng	0.00
86) Perylene-d12	15.415	264	234256	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	969722	128.074	ng	0.02
7) Phenol-d6	6.416	99	1245947	129.412	ng	0.01
23) Nitrobenzene-d5	7.333	82	794073	89.428	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	332758	133.244	ng	0.00
45) 2-Fluorobiphenyl	9.127	172	1393127	83.637	ng	0.00
79) Terphenyl-d14	12.898	244	1496061	96.151	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	124663	37.558	ng	97
3) Pyridine	3.345	79	322905	36.146	ng	96
4) n-Nitrosodimethylamine	3.304	42	217855	45.956	ng	99
6) Aniline	6.434	93	404826	32.065	ng	# 69
8) 2-Chlorophenol	6.551	128	388863	48.110	ng	98
9) Benzaldehyde	6.316	77	139818	25.492	ng	95
10) Phenol	6.428	94	446943	42.335	ng	83
11) bis(2-Chloroethyl)ether	6.510	93	357876	45.192	ng	99
12) 1,3-Dichlorobenzene	6.704	146	376318	45.812	ng	98
13) 1,4-Dichlorobenzene	6.781	146	381906	45.697	ng	98
14) 1,2-Dichlorobenzene	6.934	146	362298	46.681	ng	98
15) Benzyl Alcohol	6.916	79	329772	47.733	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.045	45	673631	45.129	ng	98
17) 2-Methylphenol	7.028	107	313984	44.020	ng	97
18) Hexachloroethane	7.269	117	143467	46.460	ng	92
19) n-Nitroso-di-n-propyla...	7.186	70	254864	42.738	ng	98
20) 3+4-Methylphenols	7.181	107	360157	41.992	ng	94
22) Acetophenone	7.181	105	499579	45.296	ng	96
24) Nitrobenzene	7.351	77	396142	45.137	ng	99
25) Isophorone	7.592	82	742795	45.556	ng	99
26) 2-Nitrophenol	7.669	139	205637	48.819	ng	92
27) 2,4-Dimethylphenol	7.710	122	343717	48.546	ng	98
28) bis(2-Chloroethoxy)met...	7.804	93	455162	46.640	ng	99
29) 2,4-Dichlorophenol	7.910	162	309118	47.117	ng	98
30) 1,2,4-Trichlorobenzene	7.986	180	323184	47.129	ng	99
31) Naphthalene	8.069	128	1059833	45.216	ng	99
32) Benzoic acid	7.857	122	266018	49.896	ng	97
33) 4-Chloroaniline	8.122	127	178237	17.332	ng	98
34) Hexachlorobutadiene	8.180	225	191263	46.256	ng	99
35) Caprolactam	8.504	113	59154	26.865	ng	98
36) 4-Chloro-3-methylphenol	8.610	107	347217	47.618	ng	99
37) 2-Methylnaphthalene	8.763	142	687849	43.657	ng	100
38) 1-Methylnaphthalene	8.857	142	639976	43.385	ng	100
40) 1,2,4,5-Tetrachloroben...	8.927	216	328328	45.097	ng	99
41) Hexachlorocyclopentadiene	8.910	237	273731	84.836	ng	99
43) 2,4,6-Trichlorophenol	9.045	196	225395	47.284	ng	98

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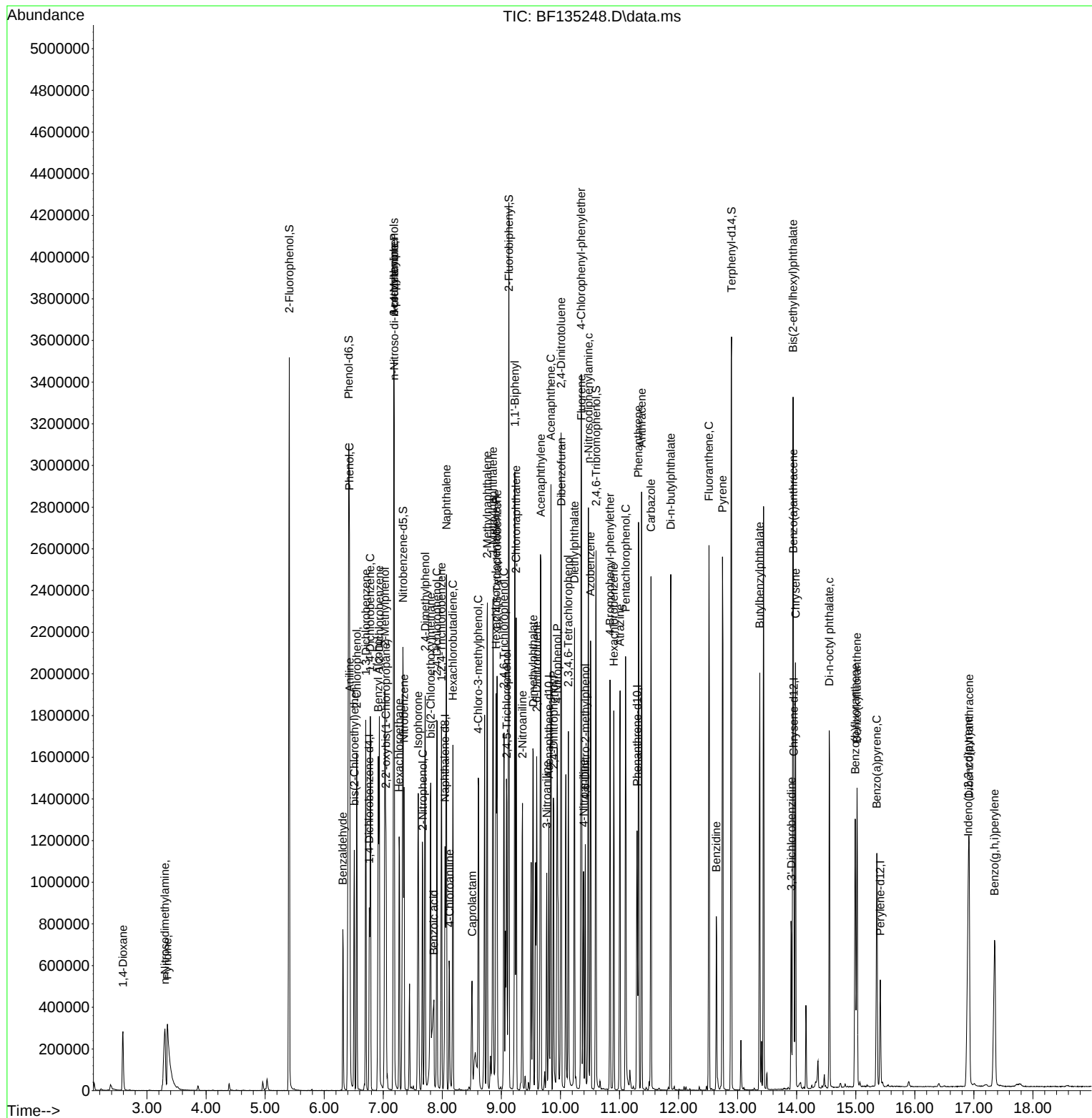
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	241664	44.023	ng	97
46) 1,1'-Biphenyl	9.227	154	865654	44.824	ng	99
47) 2-Chloronaphthalene	9.251	162	643976	45.958	ng	98
48) 2-Nitroaniline	9.357	65	248863	45.716	ng	98
49) Acenaphthylene	9.669	152	1016568	43.653	ng	100
50) Dimethylphthalate	9.539	163	788940	46.434	ng	99
51) 2,6-Dinitrotoluene	9.598	165	172634	46.381	ng	97
52) Acenaphthene	9.839	154	621746	45.195	ng	96
53) 3-Nitroaniline	9.769	138	132478	30.321	ng	97
54) 2,4-Dinitrophenol	9.886	184	191566	89.827	ng	95
55) Dibenzofuran	10.016	168	913044	43.493	ng	100
56) 4-Nitrophenol	9.945	139	262782	94.635	ng	97
57) 2,4-Dinitrotoluene	10.010	165	208395	44.722	ng	86
58) Fluorene	10.357	166	711541	44.090	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.133	232	204447	48.415	ng	99
60) Diethylphthalate	10.239	149	780468	45.771	ng	99
61) 4-Chlorophenyl-phenyle...	10.351	204	339537	43.798	ng	94
62) 4-Nitroaniline	10.392	138	193601	46.098	ng	98
63) Azobenzene	10.510	77	761326	45.620	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	132848	51.675	ng	92
66) n-Nitrosodiphenylamine	10.474	169	668423	45.614	ng	98
67) 4-Bromophenyl-phenylether	10.839	248	223105	46.345	ng	95
68) Hexachlorobenzene	10.904	284	241971	49.338	ng	# 91
69) Atrazine	11.010	200	220701	55.974	ng	100
70) Pentachlorophenol	11.104	266	253158	86.276	ng	97
71) Phenanthrene	11.321	178	1061544	46.371	ng	99
72) Anthracene	11.374	178	1068012	45.387	ng	99
73) Carbazole	11.533	167	1018574	47.551	ng	99
74) Di-n-butylphthalate	11.868	149	1247074	49.406	ng	100
75) Fluoranthene	12.515	202	1131367	47.429	ng	100
77) Benzidine	12.639	184	332794	67.348	ng	99
78) Pyrene	12.745	202	1126890	49.072	ng	100
80) Butylbenzylphthalate	13.374	149	447532	55.351	ng	98
81) Benzo(a)anthracene	13.945	228	718046	46.102	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	174902	35.952	ng	98
83) Chrysene	13.980	228	709425	45.813	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	524100	63.168	ng	99
85) Di-n-octyl phthalate	14.551	149	808176	61.293	ng	100
87) Indeno(1,2,3-cd)pyrene	16.903	276	762508	49.644	ng	99
88) Benzo(b)fluoranthene	14.992	252	632291	49.861	ng	100
89) Benzo(k)fluoranthene	15.021	252	628329	50.159	ng	99
90) Benzo(a)pyrene	15.356	252	571011	47.218	ng	98
91) Dibenzo(a,h)anthracene	16.921	278	620866	49.403	ng	98
92) Benzo(g,h,i)perylene	17.350	276	630844	48.065	ng	99

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

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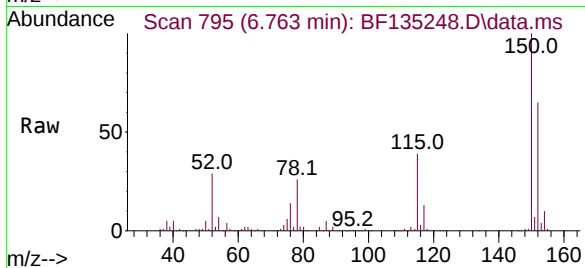
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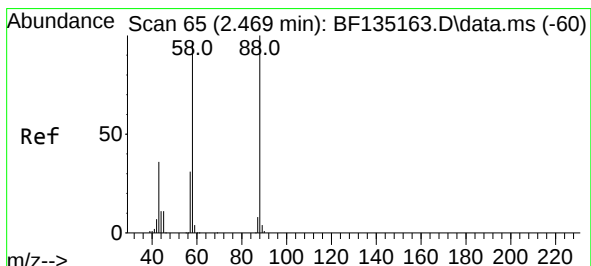
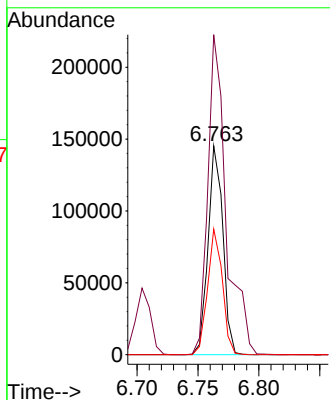
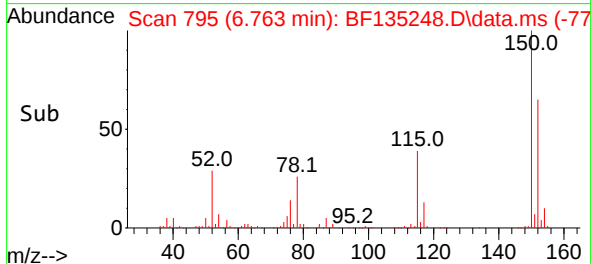


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF135248.D
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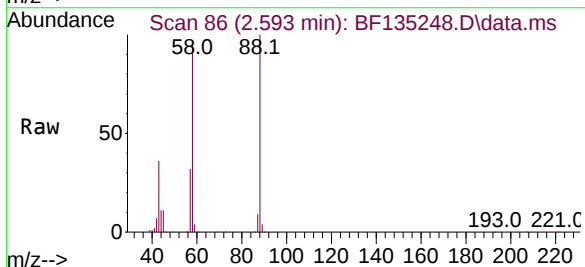
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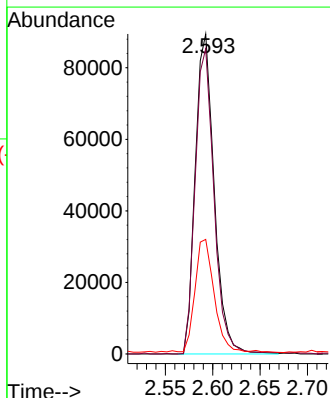
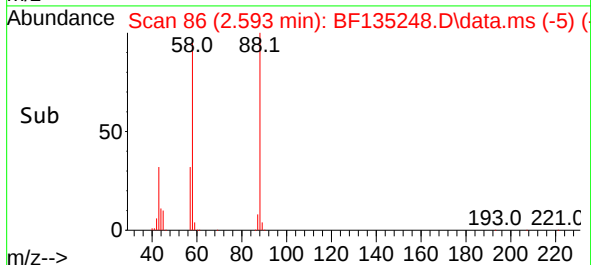
Tgt Ion:152 Resp: 123148
 Ion Ratio Lower Upper
 152 100
 150 153.3 127.8 191.6
 115 60.2 49.8 74.8



#2
 1,4-Dioxane
 Concen: 37.558 ng
 RT: 2.593 min Scan# 86
 Delta R.T. 0.124 min
 Lab File: BF135248.D
 Acq: 14 Sep 2023 11:59



Tgt Ion: 88 Resp: 124663
 Ion Ratio Lower Upper
 88 100
 58 94.6 78.3 117.5
 43 35.7 29.4 44.0

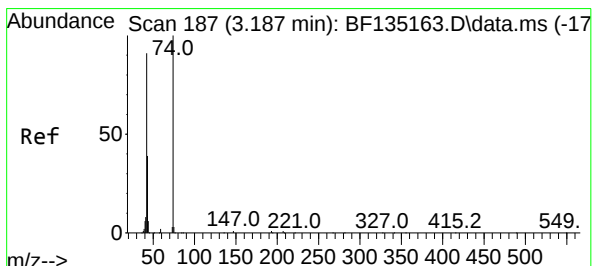
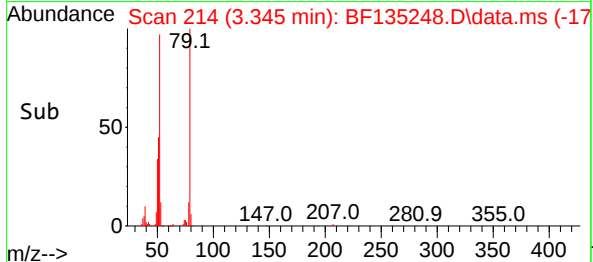
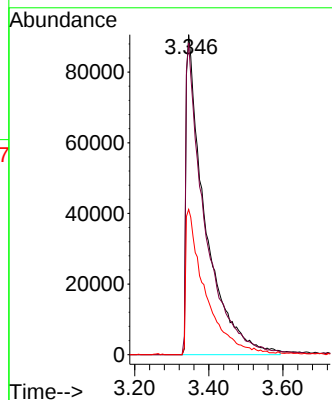
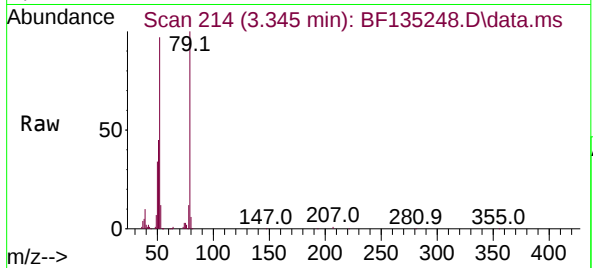




#3
Pyridine
Concen: 36.146 ng
RT: 3.345 min Scan# 21
Delta R.T. 0.129 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

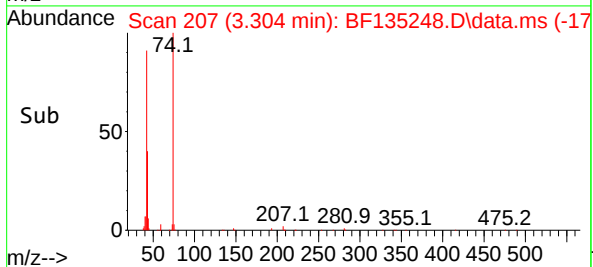
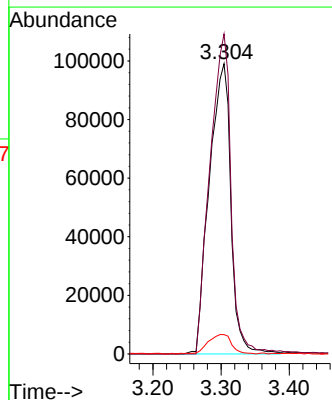
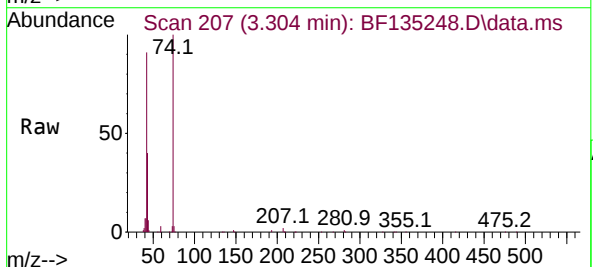
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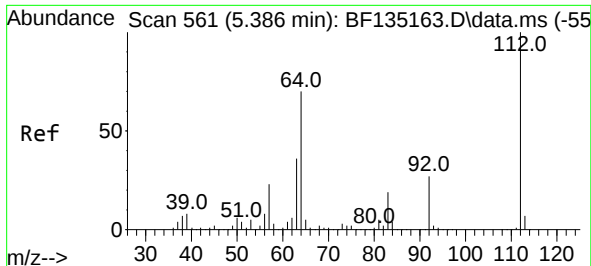
Tgt Ion: 79 Resp: 322905
Ion Ratio Lower Upper
79 100
52 97.4 74.1 111.1
51 45.4 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 45.956 ng
RT: 3.304 min Scan# 207
Delta R.T. 0.118 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

Tgt Ion: 42 Resp: 217855
Ion Ratio Lower Upper
42 100
74 110.3 87.7 131.5
44 6.7 5.6 8.4

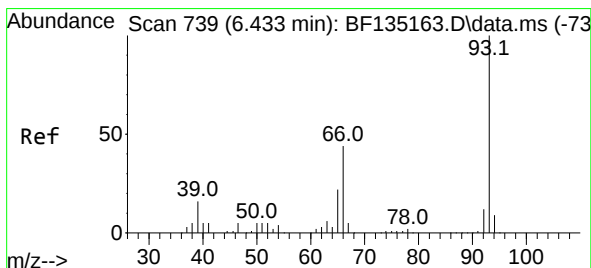
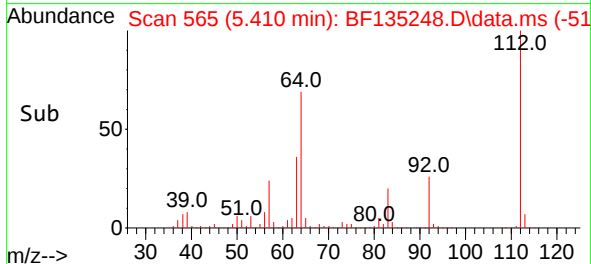
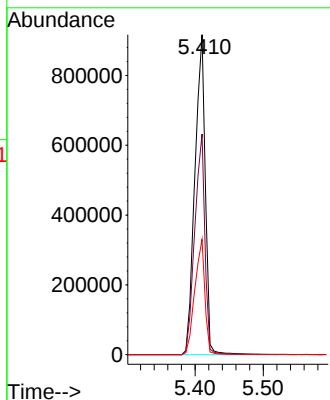
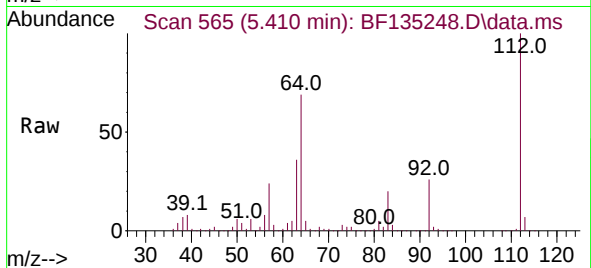




#5
2-Fluorophenol
Concen: 128.074 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.024 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

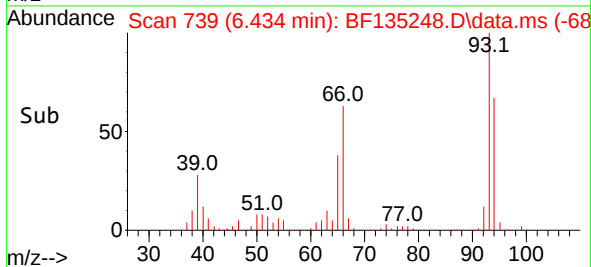
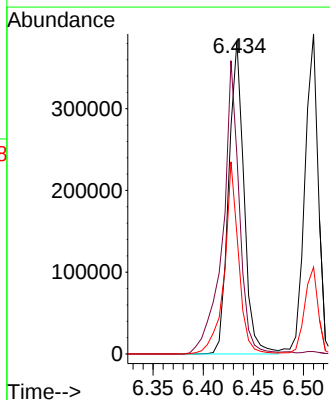
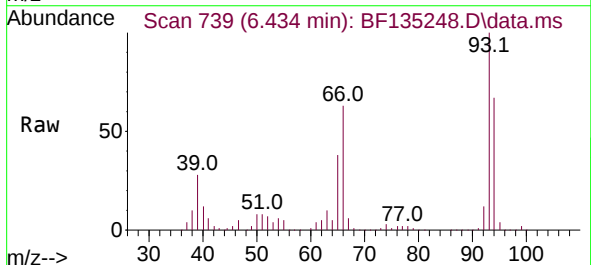
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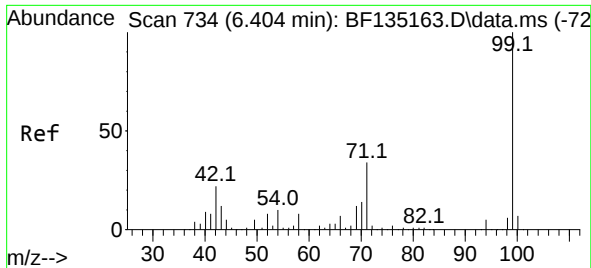
Tgt Ion:112 Resp: 969722
Ion Ratio Lower Upper
112 100
64 69.0 55.9 83.9
63 36.0 29.0 43.6



#6
Aniline
Concen: 32.065 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

Tgt Ion: 93 Resp: 404826
Ion Ratio Lower Upper
93 100
66 63.4 35.4 53.0#
65 38.3 17.8 26.8#





#7

Phenol-d6

Concen: 129.412 ng

RT: 6.416 min Scan# 736

Delta R.T. 0.012 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

Instrument :

BNA_F

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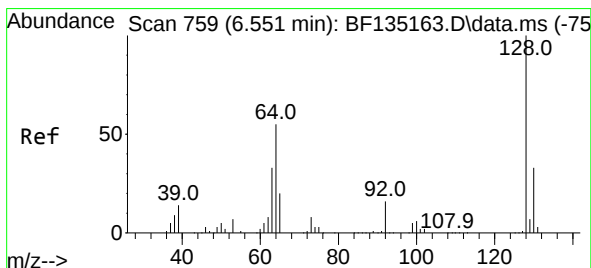
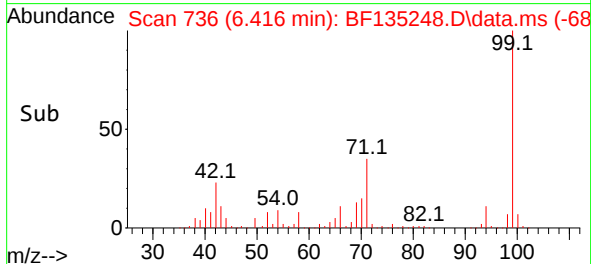
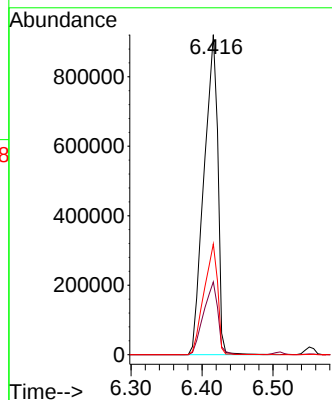
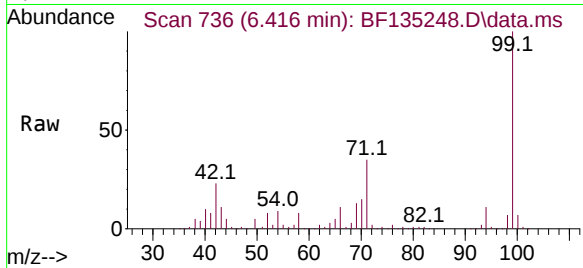
Tgt Ion: 99 Resp: 1245947

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

71 34.6 27.0 40.6



#8

2-Chlorophenol

Concen: 48.110 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF135248.D

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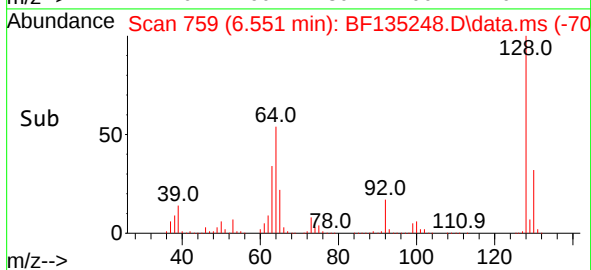
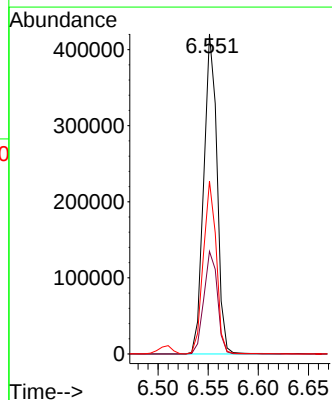
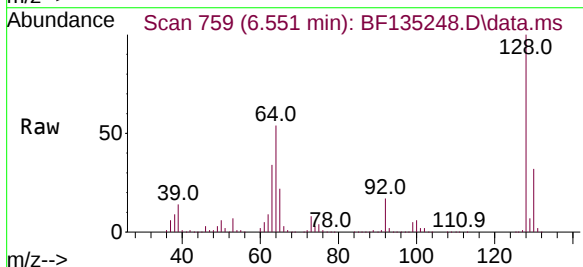
Tgt Ion:128 Resp: 388863

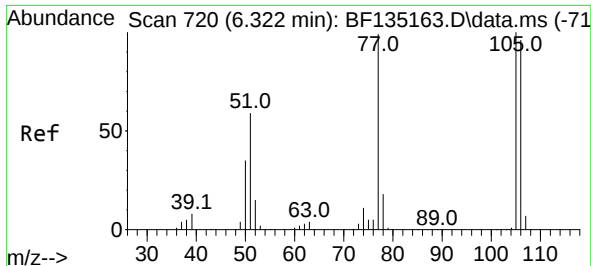
Ion Ratio Lower Upper

128 100

130 32.1 12.7 52.7

64 54.0 35.9 75.9

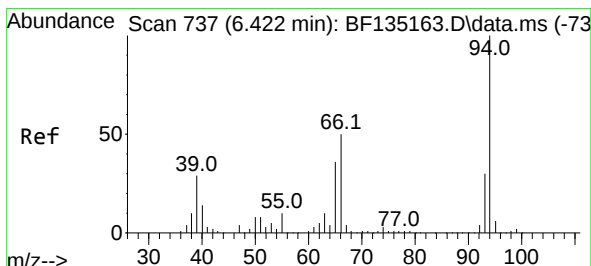
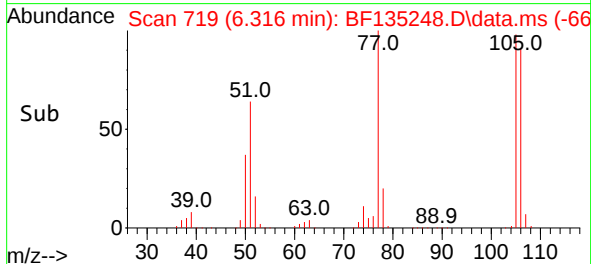
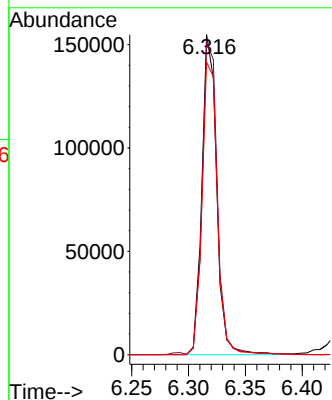
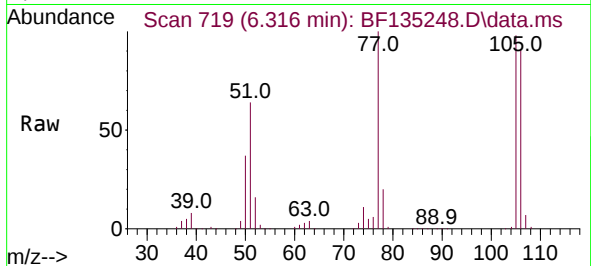




#9
Benzaldehyde
Concen: 25.492 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
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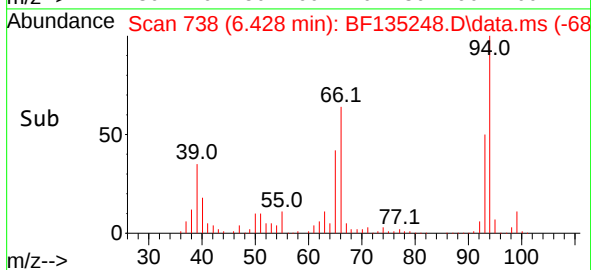
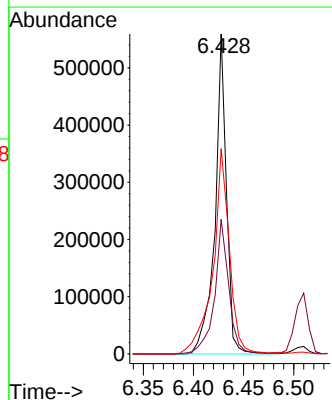
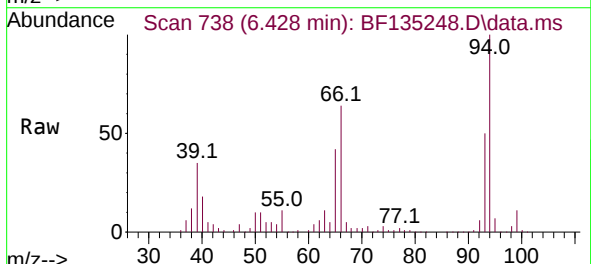
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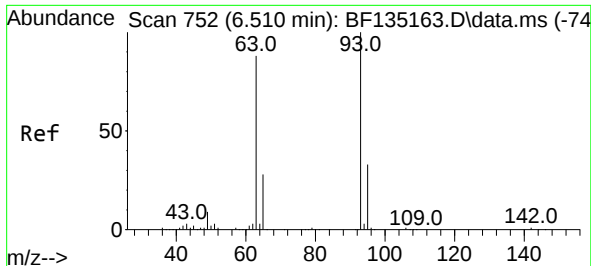
Tgt Ion: 77 Resp: 139818
Ion Ratio Lower Upper
77 100
105 97.6 81.4 121.4
106 91.4 76.9 116.9



#10
Phenol
Concen: 42.335 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 446943
Ion Ratio Lower Upper
94 100
65 42.0 15.9 55.9
66 64.2 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 45.192 ng

RT: 6.510 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB155361BS

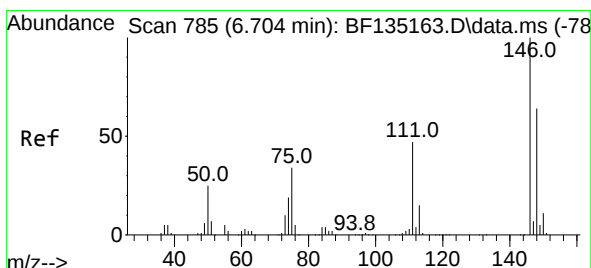
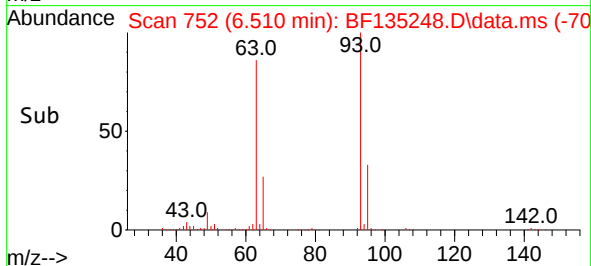
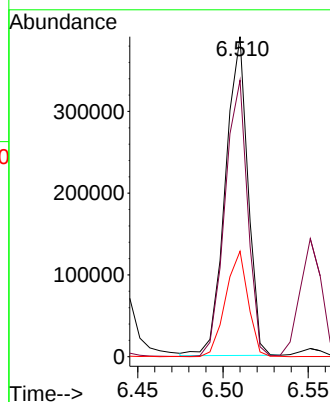
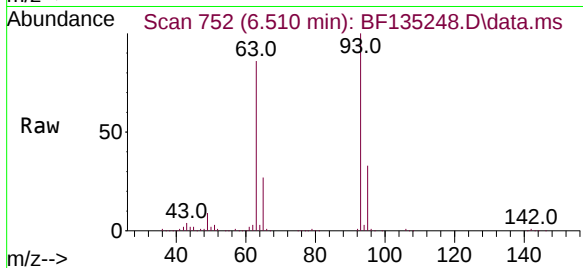
Tgt Ion: 93 Resp: 357876

Ion Ratio Lower Upper

93 100

63 86.4 67.3 107.3

95 32.9 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 45.812 ng

RT: 6.704 min Scan# 785

Delta R.T. 0.000 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

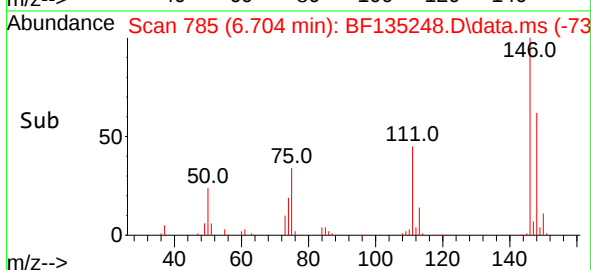
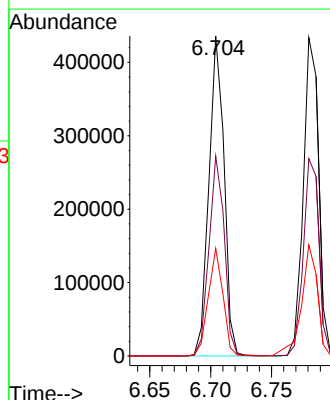
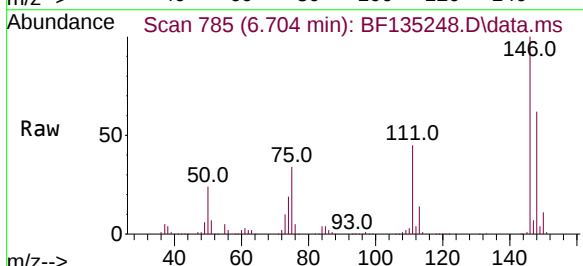
Tgt Ion:146 Resp: 376318

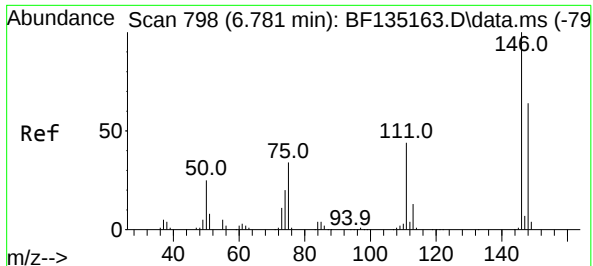
Ion Ratio Lower Upper

146 100

148 62.4 51.3 76.9

75 33.6 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 45.697 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB155361BS

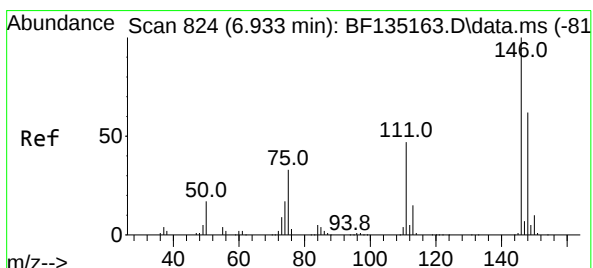
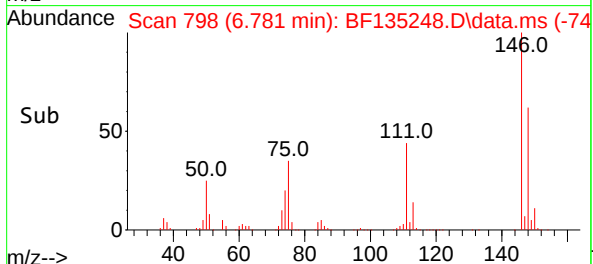
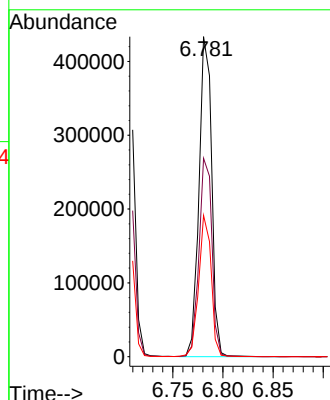
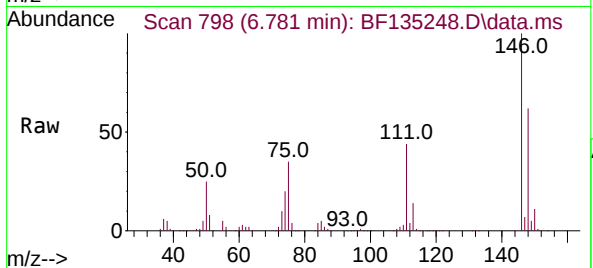
Tgt Ion:146 Resp: 381906

Ion Ratio Lower Upper

146 100

148 62.0 51.3 76.9

111 44.2 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 46.681 ng

RT: 6.934 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

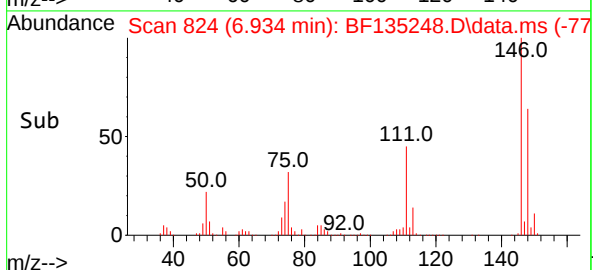
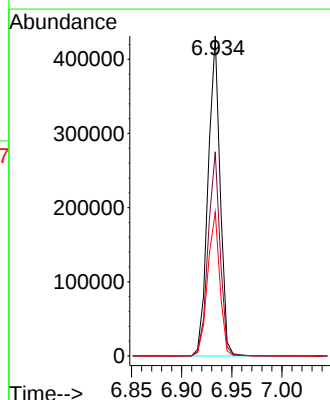
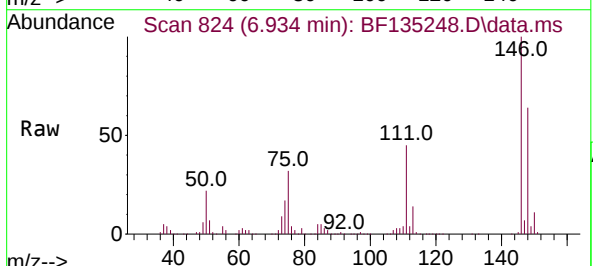
Tgt Ion:146 Resp: 362298

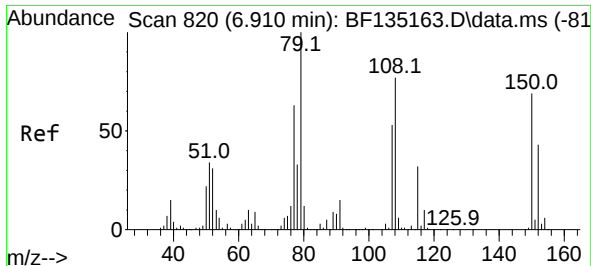
Ion Ratio Lower Upper

146 100

148 63.8 49.7 74.5

111 45.0 37.4 56.2

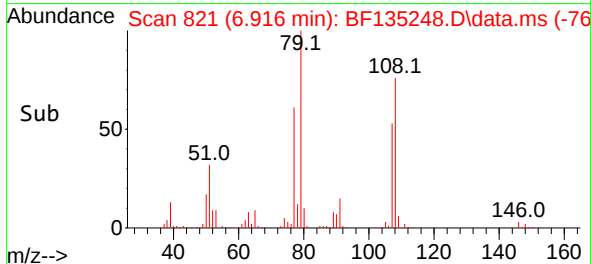
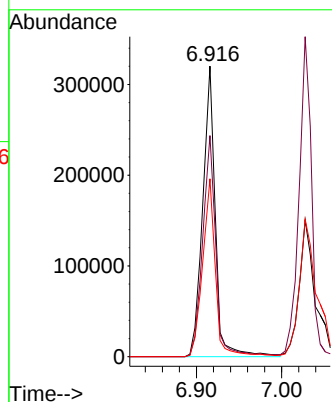
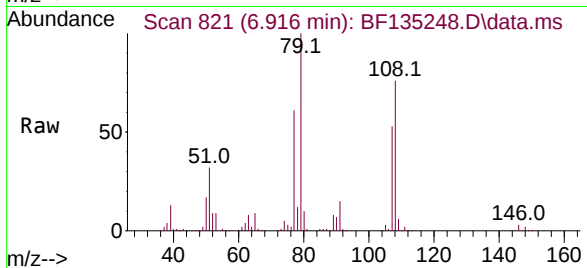




#15
Benzyl Alcohol
Concen: 47.733 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

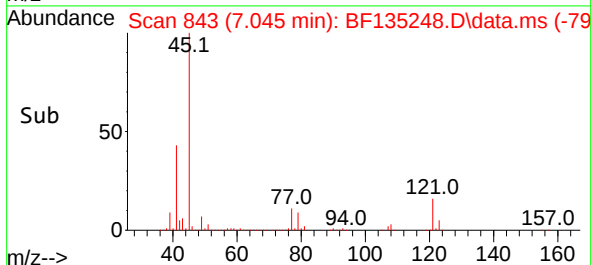
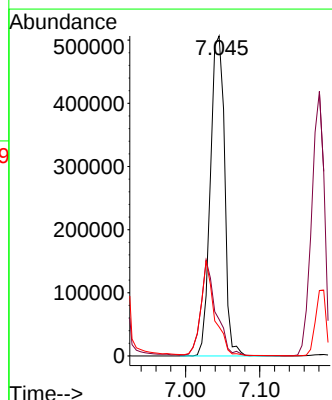
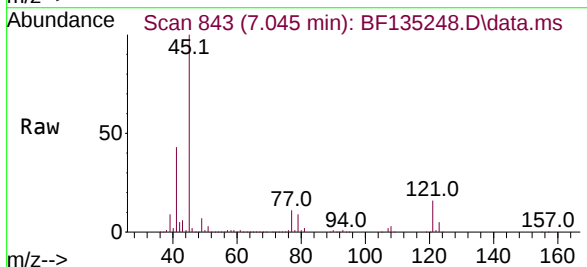
Instrument :
BNA_F
ClientSampleId :
PB155361BS

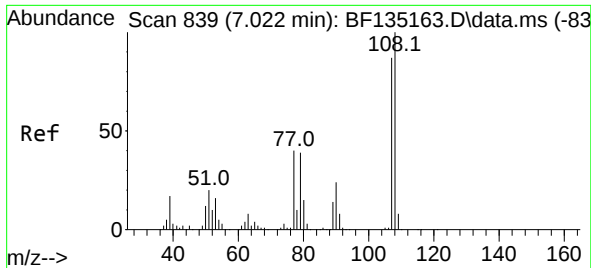
Tgt Ion: 79 Resp: 329772
Ion Ratio Lower Upper
79 100
108 76.1 61.2 91.8
77 61.3 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.129 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

Tgt Ion: 45 Resp: 673631
Ion Ratio Lower Upper
45 100
77 11.5 0.0 30.6
79 9.1 0.0 28.3



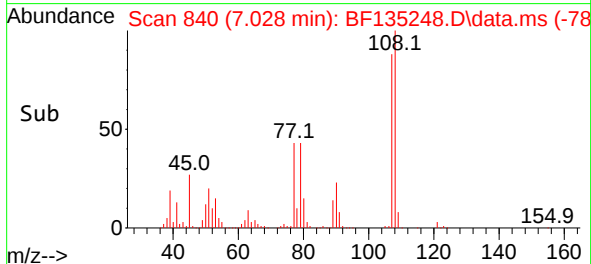
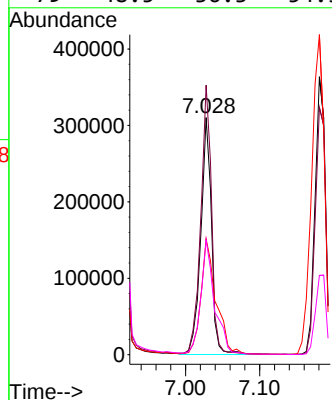
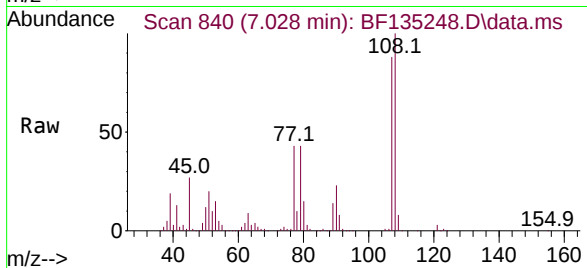


#17
2-Methylphenol
Concen: 44.020 ng
RT: 7.028 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

Instrument :
BNA_F
ClientSampleId :
PB155361BS

Tgt Ion:107 Resp: 313984

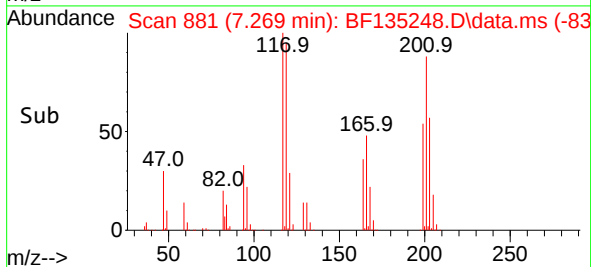
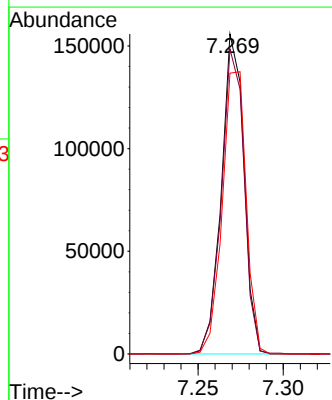
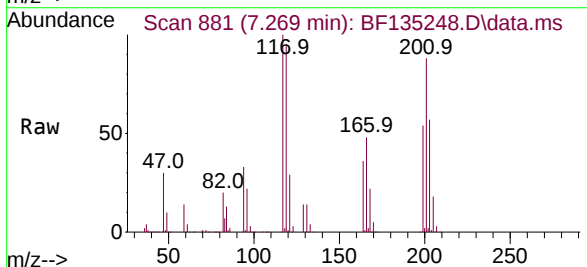
Ion	Ratio	Lower	Upper
107	100		
108	113.7	92.0	138.0
77	48.8	36.7	55.1
79	48.5	36.3	54.5

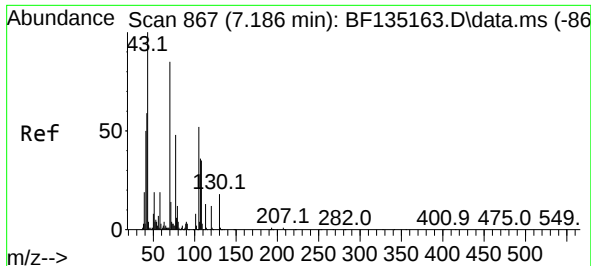


#18
Hexachloroethane
Concen: 46.460 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

Tgt Ion:117 Resp: 143467

Ion	Ratio	Lower	Upper
117	100		
119	95.3	74.7	112.1
201	87.8	81.8	122.8



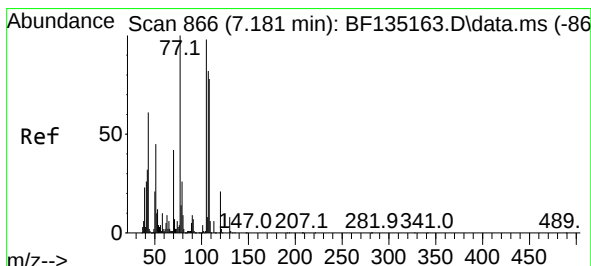
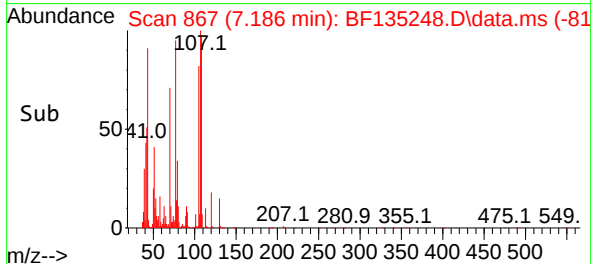
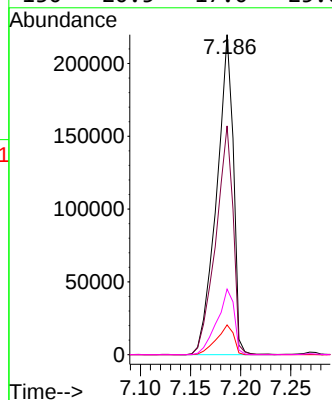
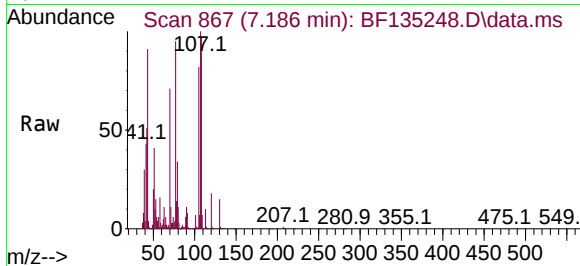


#19
n-Nitroso-di-n-propylamine
Concen: 42.738 ng
RT: 7.186 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

Instrument :
BNA_F
ClientSampleId :
PB155361BS

Tgt Ion: 70 Resp: 254864

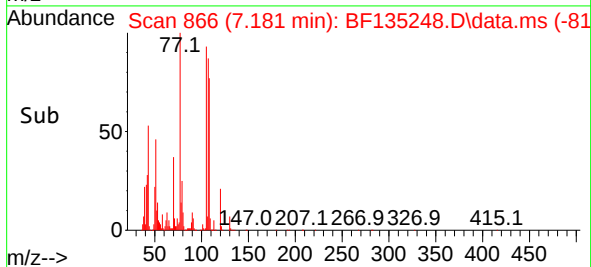
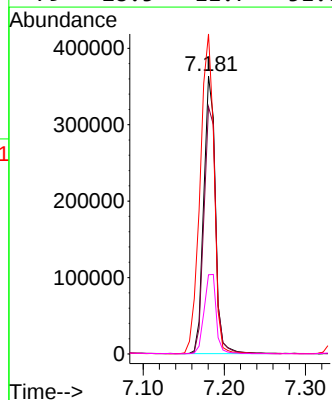
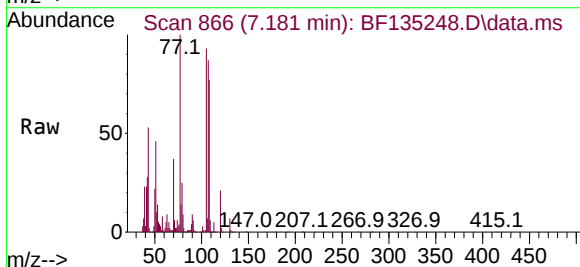
Ion	Ratio	Lower	Upper
70	100		
42	71.5	55.4	83.0
101	9.3	7.7	11.5
130	20.5	17.0	25.6

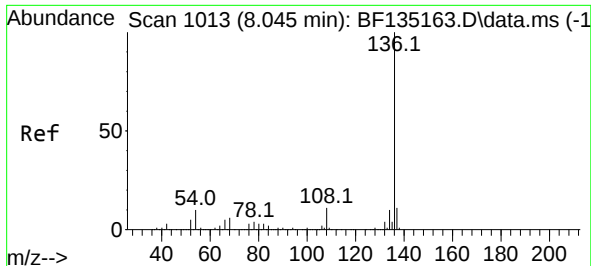


#20
3+4-Methylphenols
Concen: 41.992 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

Tgt Ion: 107 Resp: 360157

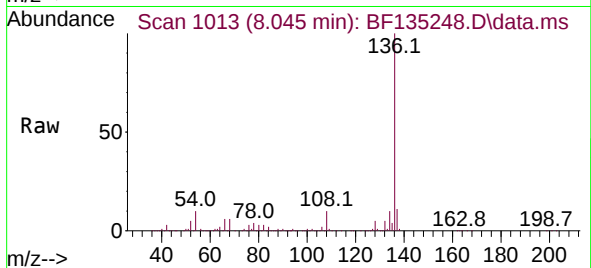
Ion	Ratio	Lower	Upper
107	100		
108	88.9	74.7	114.7
77	115.2	102.0	142.0
79	28.5	11.7	51.7



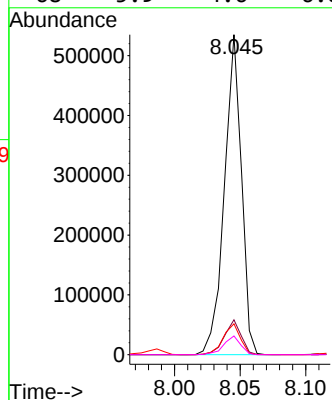
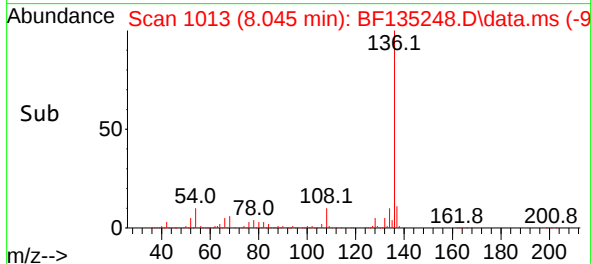


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

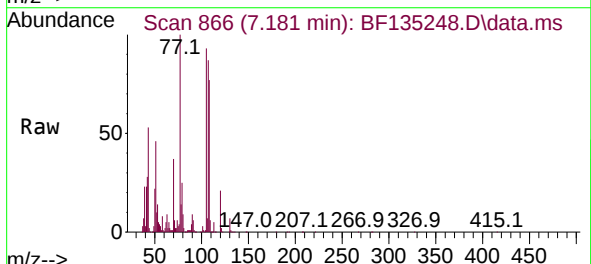
Instrument :
BNA_F
ClientSampleId :
PB155361BS



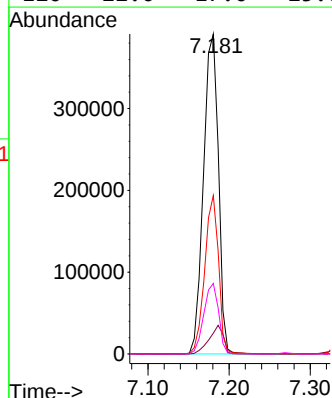
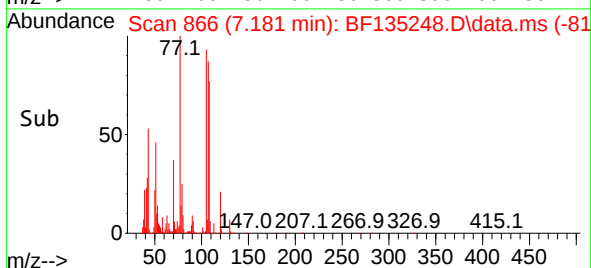
Tgt Ion:	136	Resp:	482417
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.7	7.7	11.5
68	5.9	4.6	6.8



#22
Acetophenone
Concen: 45.296 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59



Tgt Ion:	105	Resp:	499579
Ion	Ratio	Lower	Upper
105	100		
71	6.5	5.8	8.6
51	49.5	37.0	55.4
120	22.0	17.0	25.6





#23

Nitrobenzene-d5

Concen: 89.428 ng

RT: 7.333 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB155361BS

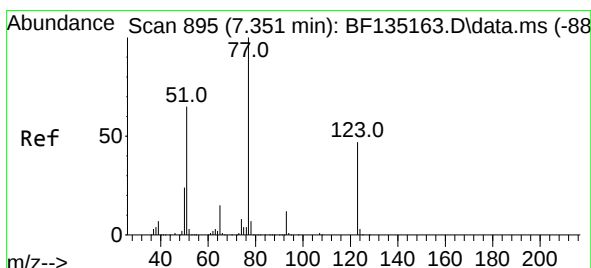
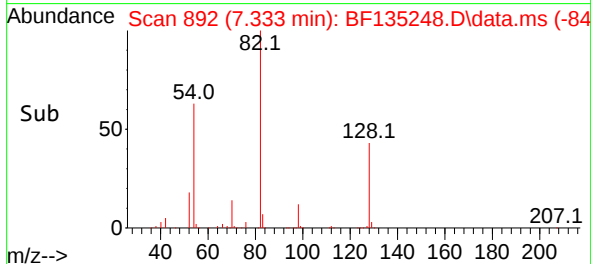
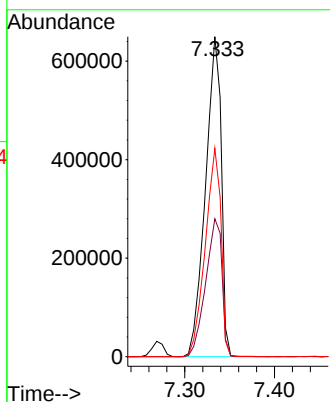
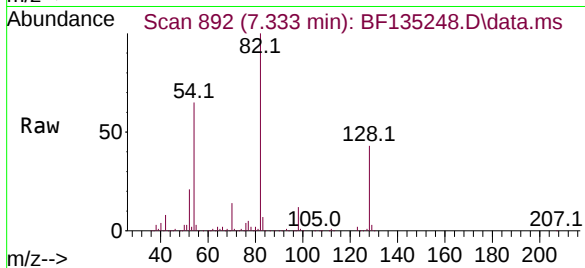
Tgt Ion: 82 Resp: 794073

Ion Ratio Lower Upper

82 100

128 43.1 35.8 53.6

54 65.1 50.6 76.0



#24

Nitrobenzene

Concen: 45.137 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

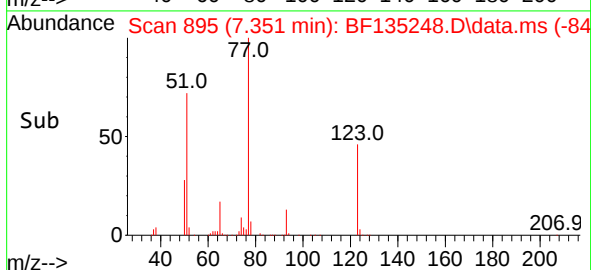
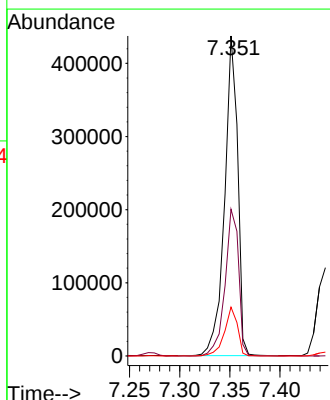
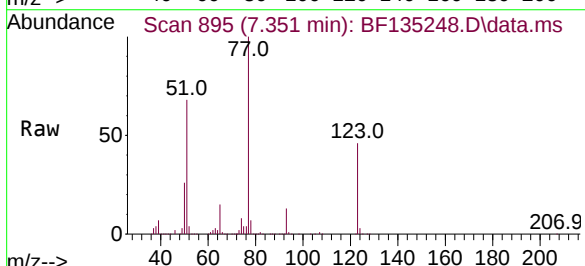
Tgt Ion: 77 Resp: 396142

Ion Ratio Lower Upper

77 100

123 45.8 37.6 56.4

65 15.3 12.2 18.4

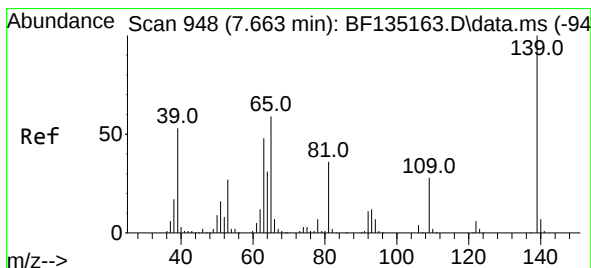
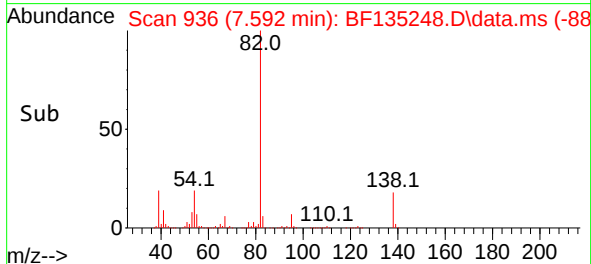
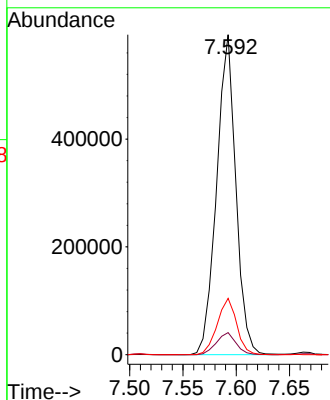
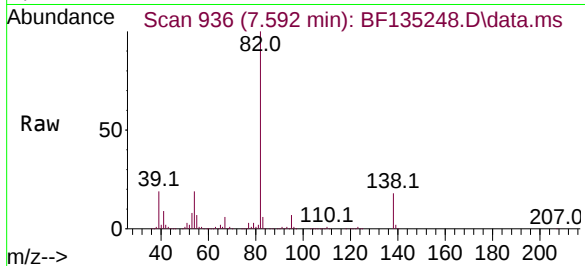




#25
Isophorone
Concen: 45.556 ng
RT: 7.592 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

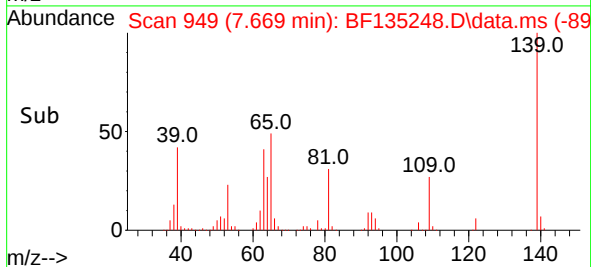
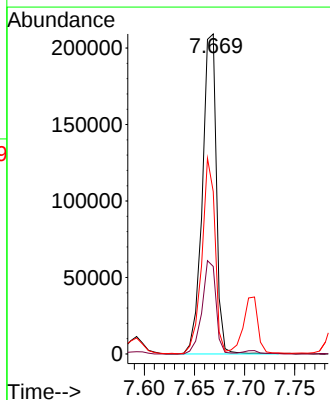
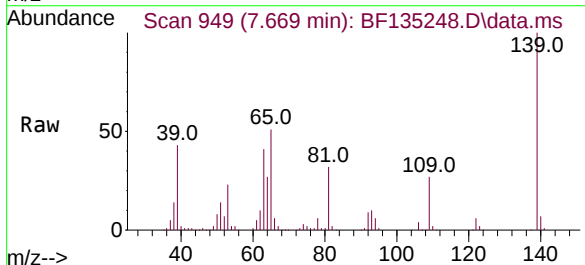
Instrument :
BNA_F
ClientSampleId :
PB155361BS

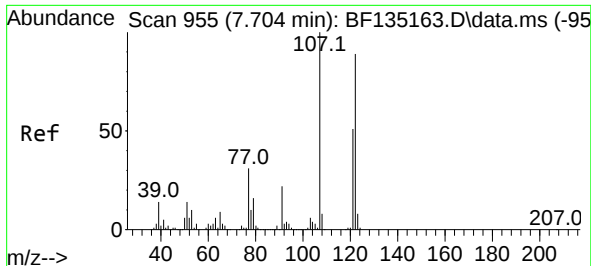
Tgt Ion: 82 Resp: 742795
Ion Ratio Lower Upper
82 100
95 6.9 6.0 9.0
138 17.6 14.5 21.7



#26
2-Nitrophenol
Concen: 48.819 ng
RT: 7.669 min Scan# 949
Delta R.T. 0.006 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

Tgt Ion: 139 Resp: 205637
Ion Ratio Lower Upper
139 100
109 27.4 22.6 33.8
65 50.8 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 48.546 ng

RT: 7.710 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB155361BS

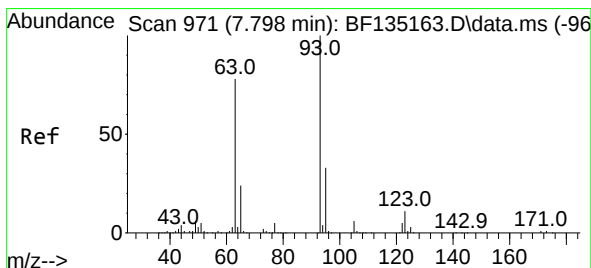
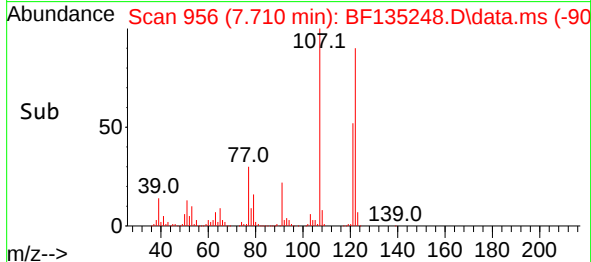
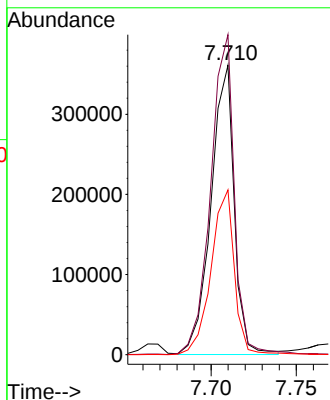
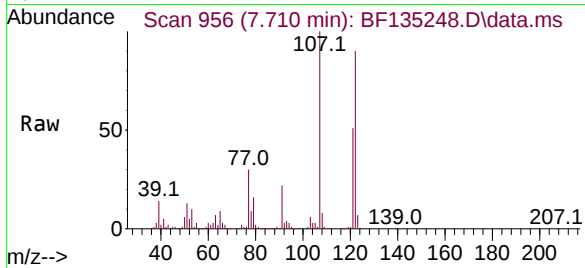
Tgt Ion:122 Resp: 343717

Ion Ratio Lower Upper

122 100

107 110.6 90.2 135.4

121 56.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 46.640 ng

RT: 7.804 min Scan# 972

Delta R.T. 0.006 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

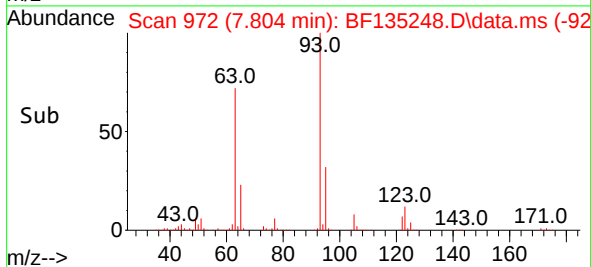
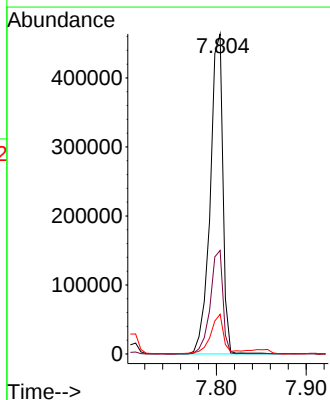
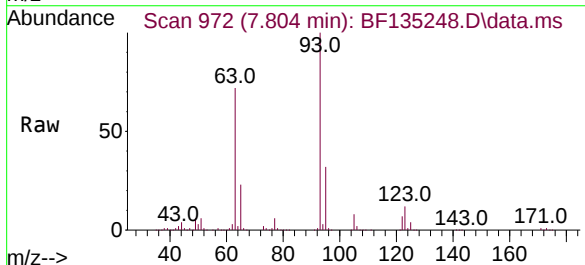
Tgt Ion: 93 Resp: 455162

Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.2

123 12.4 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 47.117 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.006 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB155361BS

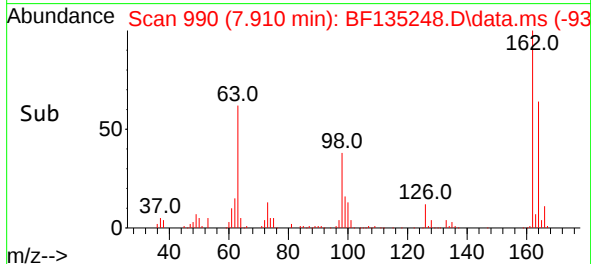
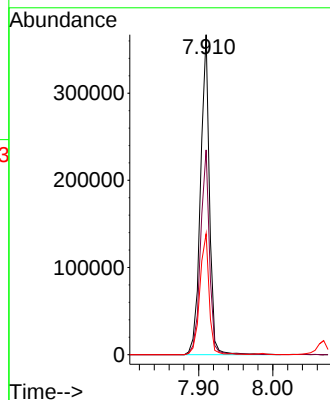
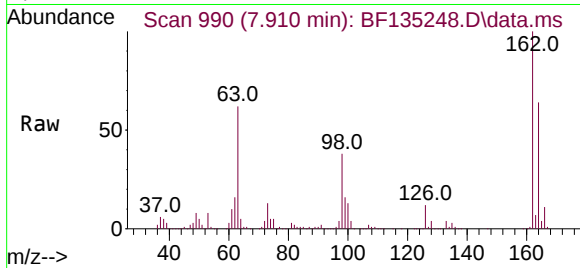
Tgt Ion:162 Resp: 309118

Ion Ratio Lower Upper

162 100

164 64.0 44.1 84.1

98 37.8 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 47.129 ng

RT: 7.986 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

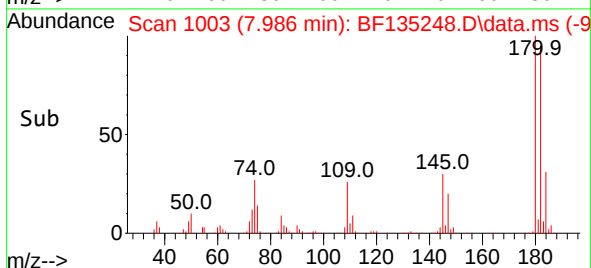
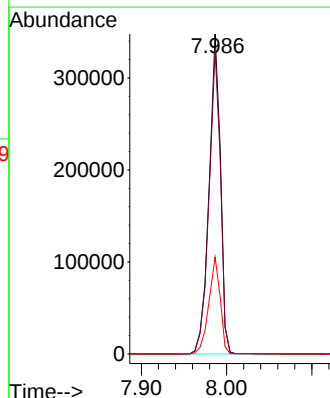
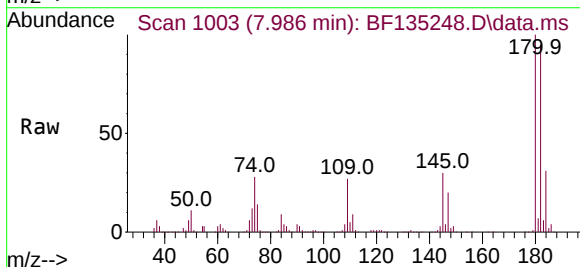
Tgt Ion:180 Resp: 323184

Ion Ratio Lower Upper

180 100

182 94.7 76.9 115.3

145 30.3 24.5 36.7

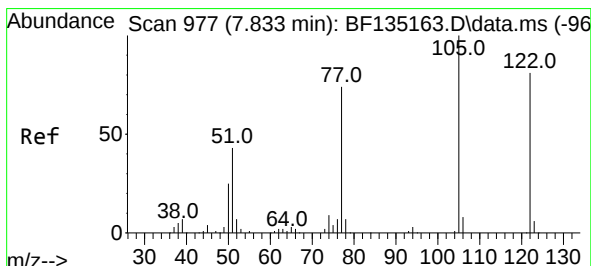
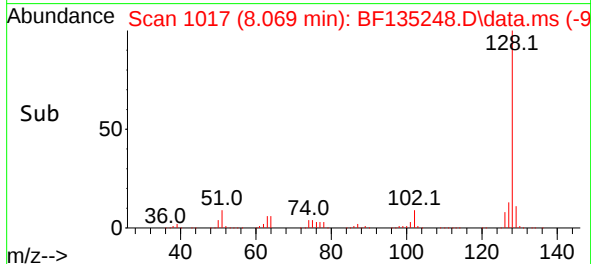
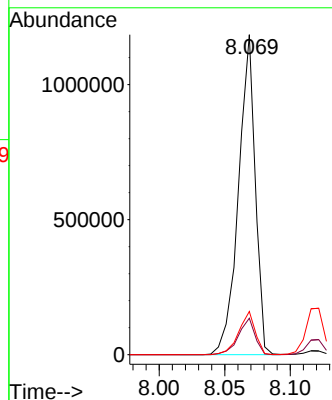
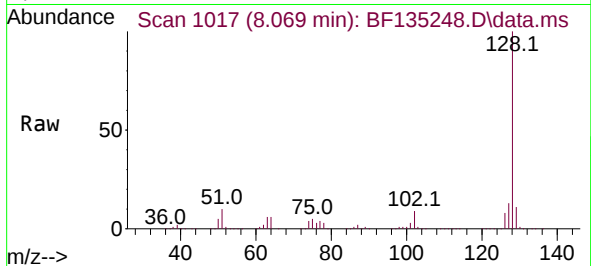




#31
Naphthalene
Concen: 45.216 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

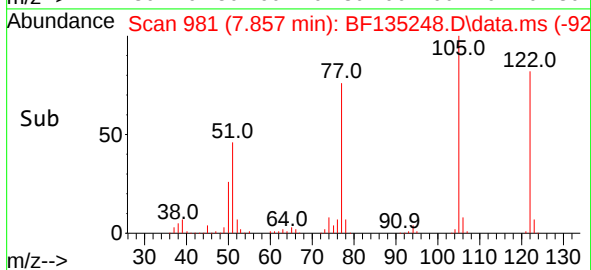
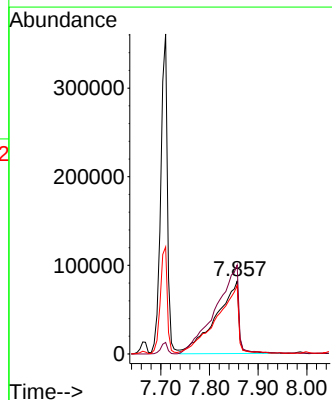
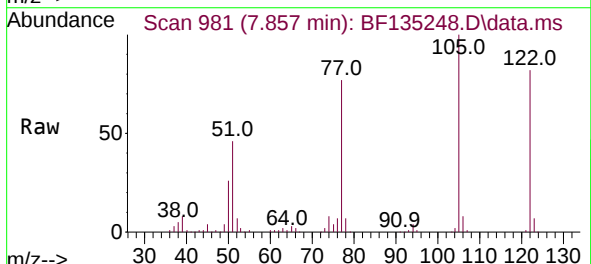
Instrument :
BNA_F
ClientSampleId :
PB155361BS

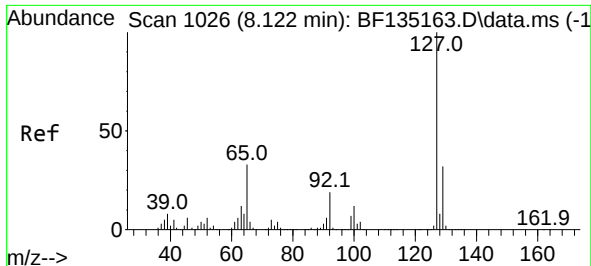
Tgt Ion:128 Resp: 1059833
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 49.896 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.024 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

Tgt Ion:122 Resp: 266018
Ion Ratio Lower Upper
122 100
105 122.3 99.9 139.9
77 94.0 70.0 110.0





#33

4-Chloroaniline

Concen: 17.332 ng

RT: 8.122 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB155361BS

Tgt Ion:127 Resp: 178237

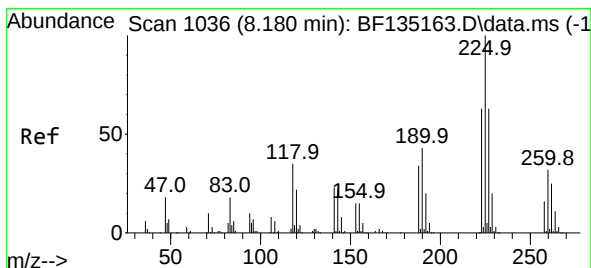
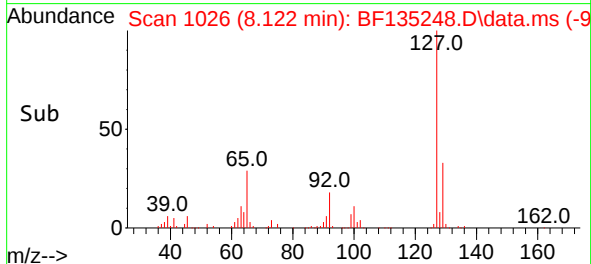
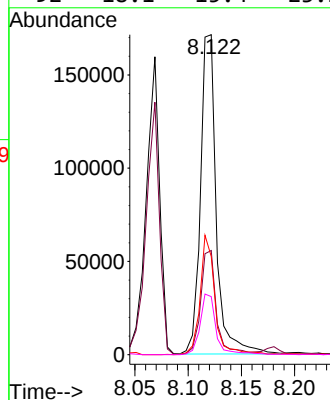
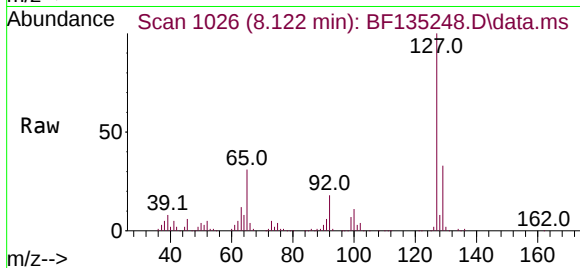
Ion Ratio Lower Upper

127 100

129 32.6 25.8 38.8

65 30.7 26.6 39.8

92 18.1 15.4 23.2



#34

Hexachlorobutadiene

Concen: 46.256 ng

RT: 8.180 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

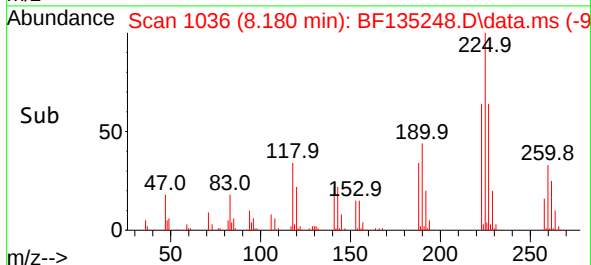
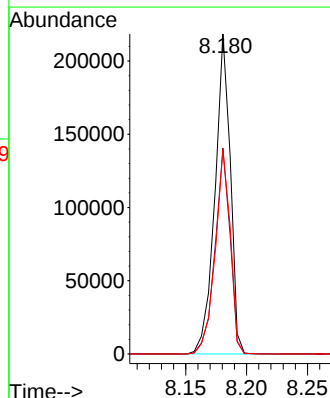
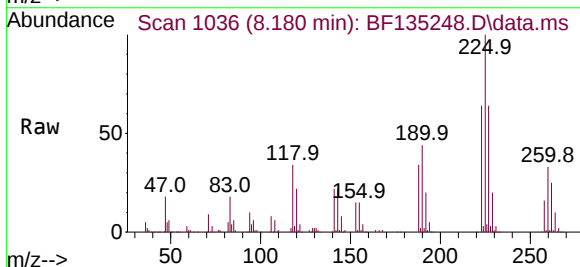
Tgt Ion:225 Resp: 191263

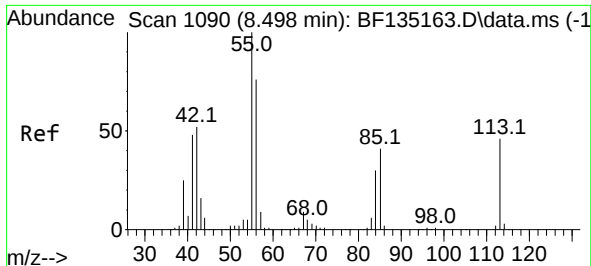
Ion Ratio Lower Upper

225 100

223 64.3 50.6 75.8

227 64.0 50.8 76.2





#35

Caprolactam

Concen: 26.865 ng

RT: 8.504 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB155361BS

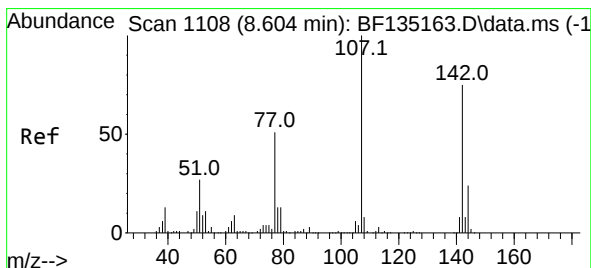
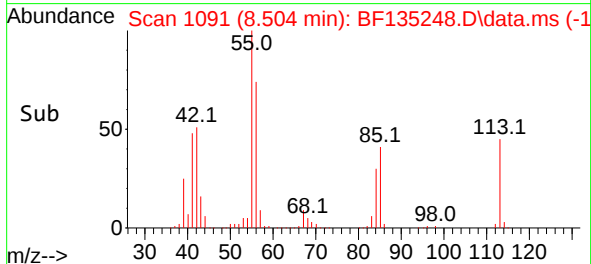
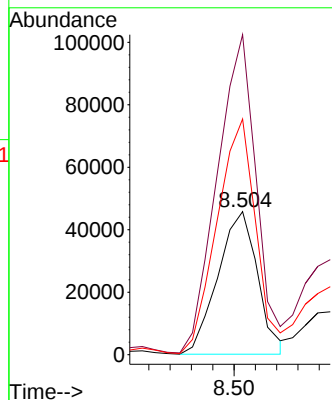
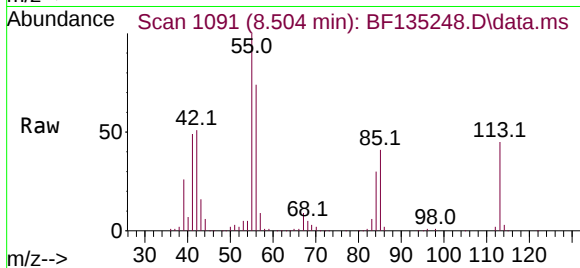
Tgt Ion:113 Resp: 59154

Ion Ratio Lower Upper

113 100

55 223.7 199.3 239.3

56 164.7 146.3 186.3



#36

4-Chloro-3-methylphenol

Concen: 47.618 ng

RT: 8.610 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

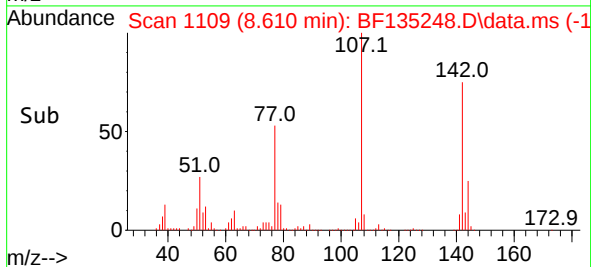
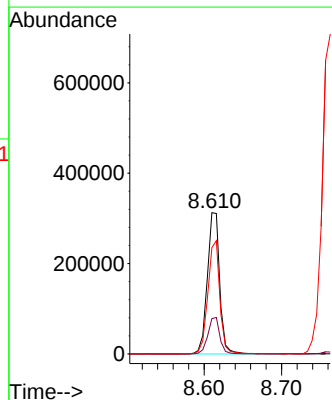
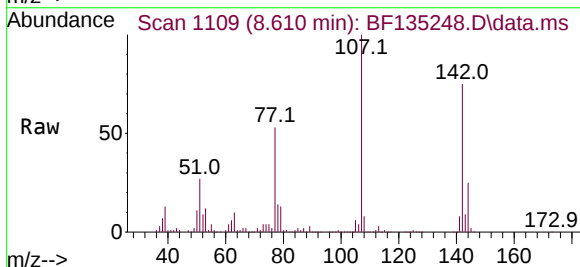
Tgt Ion:107 Resp: 347217

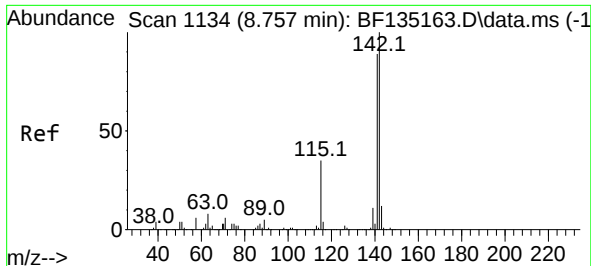
Ion Ratio Lower Upper

107 100

144 25.1 19.0 28.4

142 75.2 60.2 90.2

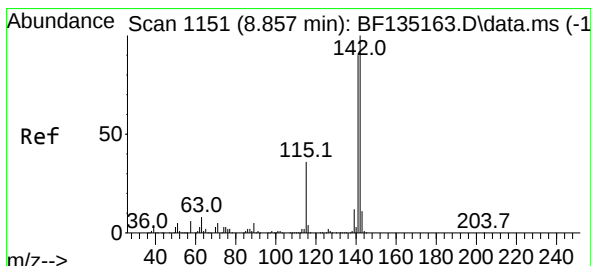
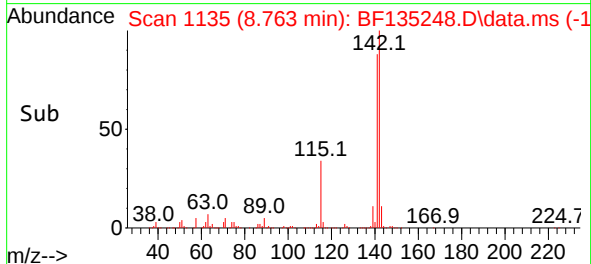
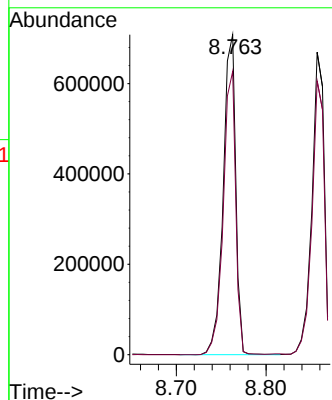
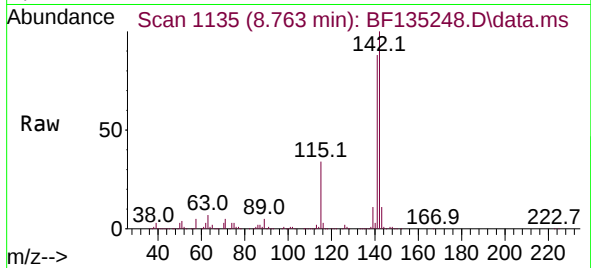




#37
2-Methylnaphthalene
Concen: 43.657 ng
RT: 8.763 min Scan# 1134
Delta R.T. 0.006 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

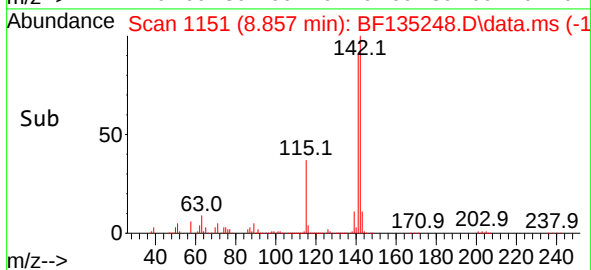
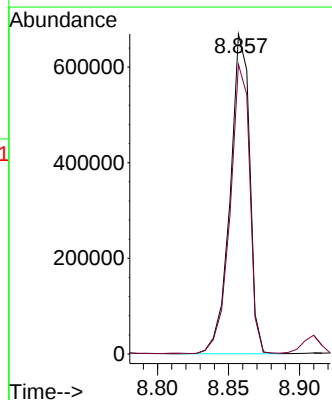
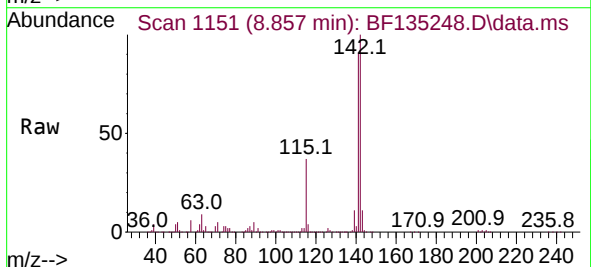
Instrument :
BNA_F
ClientSampleId :
PB155361BS

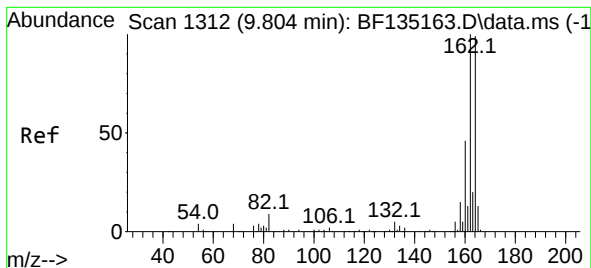
Tgt Ion:142 Resp: 687849
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6



#38
1-Methylnaphthalene
Concen: 43.385 ng
RT: 8.857 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

Tgt Ion:142 Resp: 639976
Ion Ratio Lower Upper
142 100
141 90.5 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: BF135248.D

Acq: 14 Sep 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB155361BS

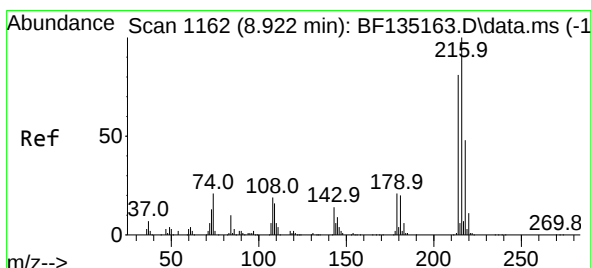
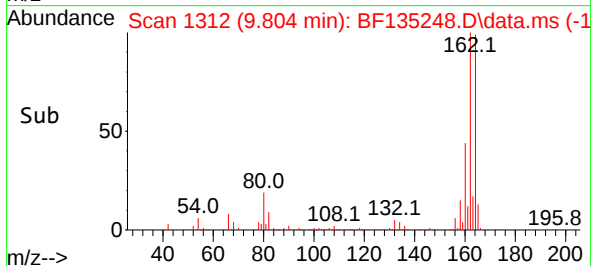
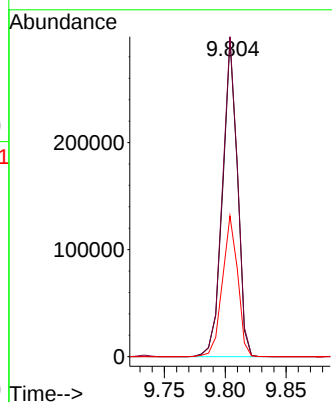
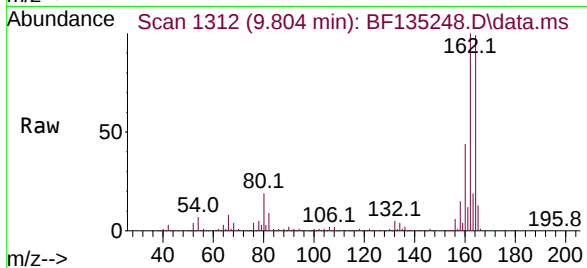
Tgt Ion:164 Resp: 251304

Ion Ratio Lower Upper

164 100

162 100.8 81.0 121.4

160 44.4 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.097 ng

RT: 8.927 min Scan# 1163

Delta R.T. 0.006 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

Tgt Ion:216 Resp: 328328

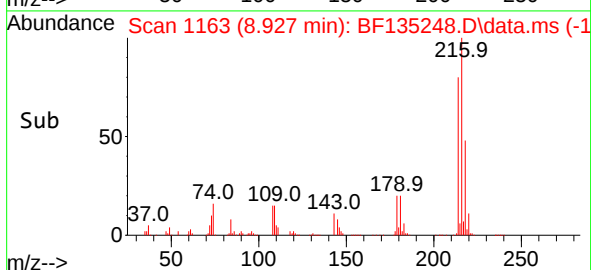
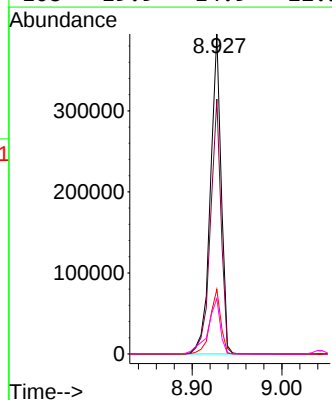
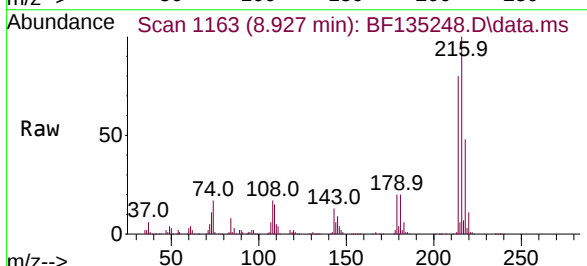
Ion Ratio Lower Upper

216 100

214 78.7 63.7 95.5

179 20.0 16.7 25.1

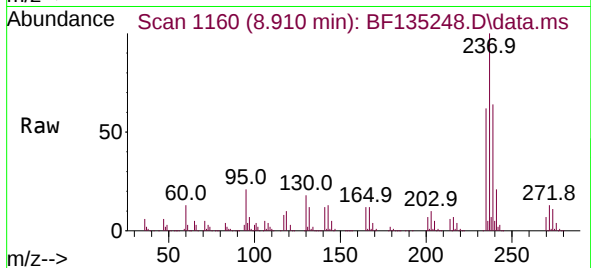
108 19.9 14.9 22.3



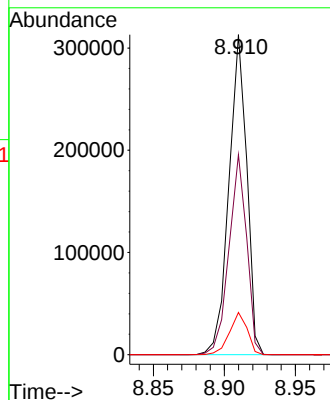
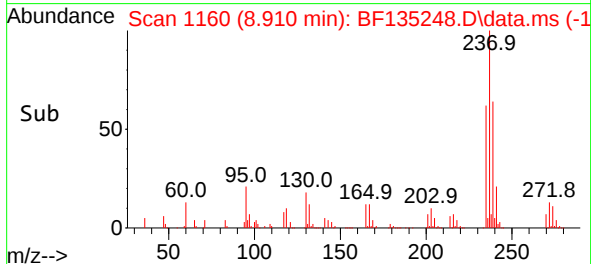


#41
Hexachlorocyclopentadiene
Concen: 84.836 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

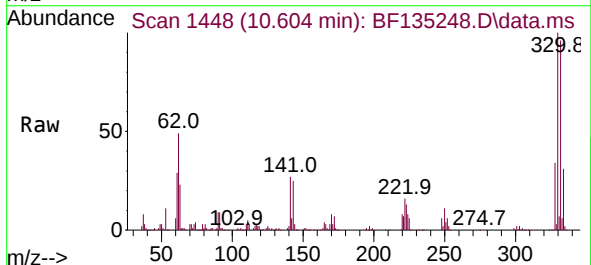
Instrument :
BNA_F
ClientSampleId :
PB155361BS



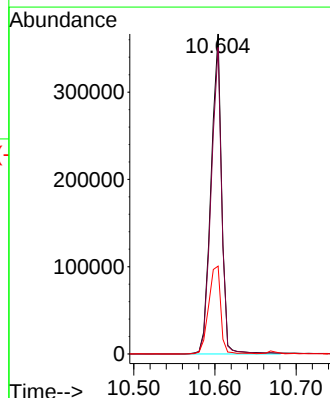
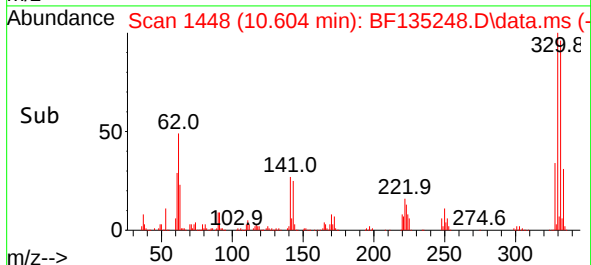
Tgt Ion: 237 Resp: 273731
Ion Ratio Lower Upper
237 100
235 62.5 41.8 81.8
272 13.2 0.0 33.6

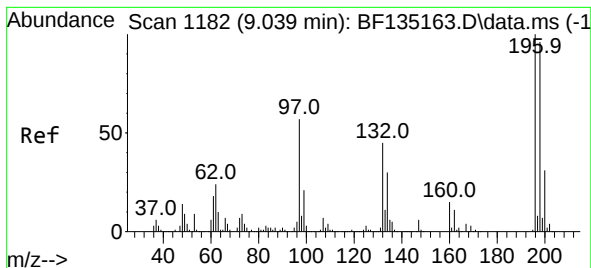


#42
2,4,6-Tribromophenol
Concen: 133.244 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59



Tgt Ion: 330 Resp: 332758
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 31.3 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 47.284 ng

RT: 9.045 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB155361BS

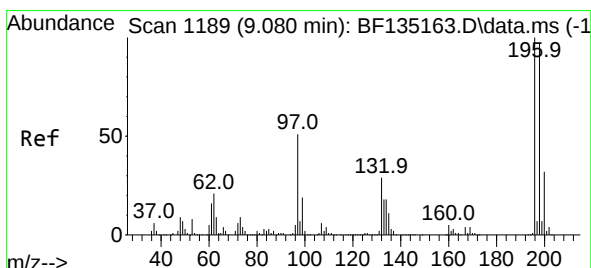
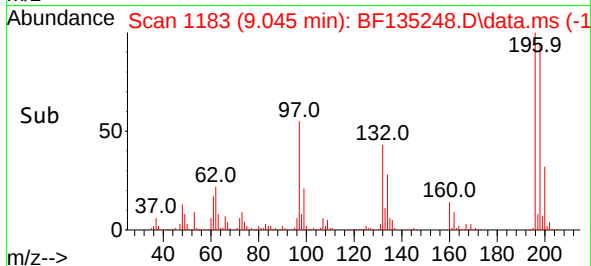
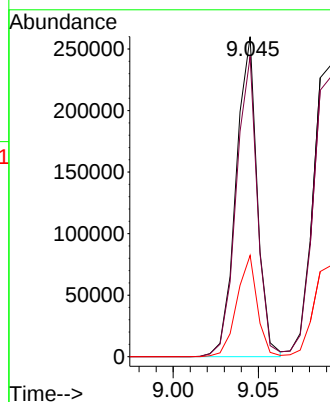
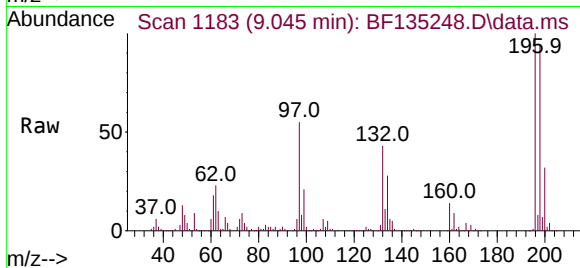
Tgt Ion:196 Resp: 225395

Ion Ratio Lower Upper

196 100

198 93.9 77.0 115.6

200 31.6 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 44.023 ng

RT: 9.092 min Scan# 1191

Delta R.T. 0.012 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

Tgt Ion:196 Resp: 241664

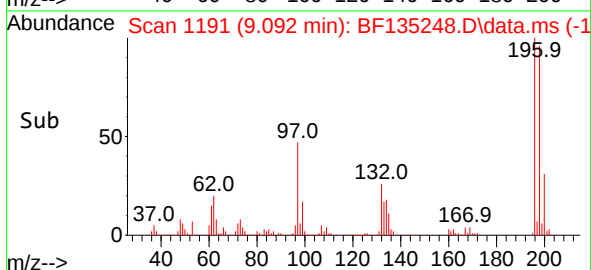
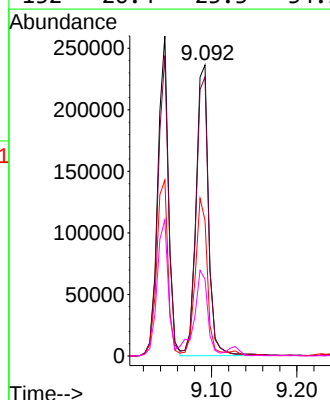
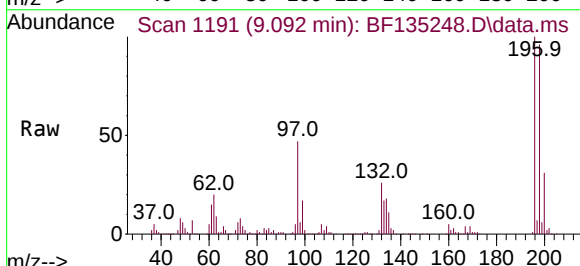
Ion Ratio Lower Upper

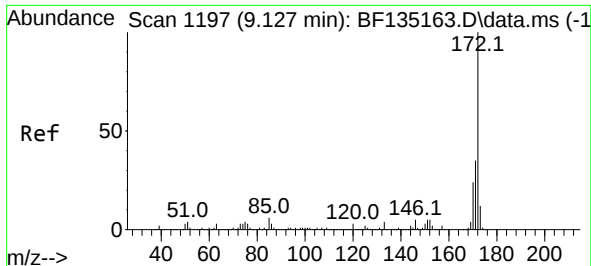
196 100

198 95.9 77.5 116.3

97 46.7 40.5 60.7

132 26.4 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 83.637 ng

RT: 9.127 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB155361BS

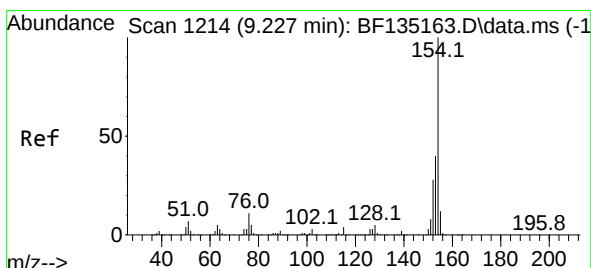
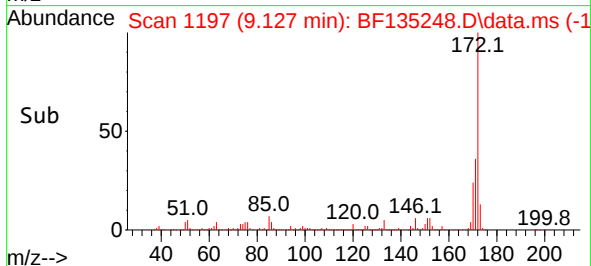
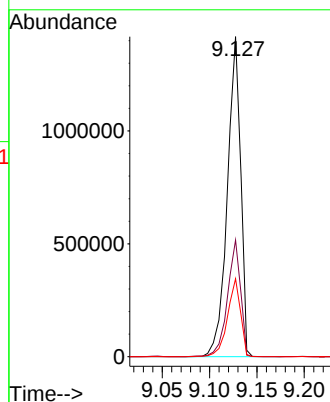
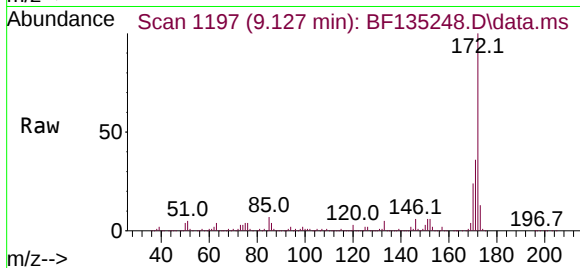
Tgt Ion:172 Resp: 1393127

Ion Ratio Lower Upper

172 100

171 36.4 28.4 42.6

170 24.4 19.0 28.4



#46

1,1'-Biphenyl

Concen: 44.824 ng

RT: 9.227 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

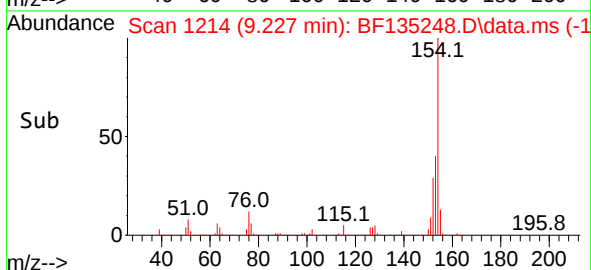
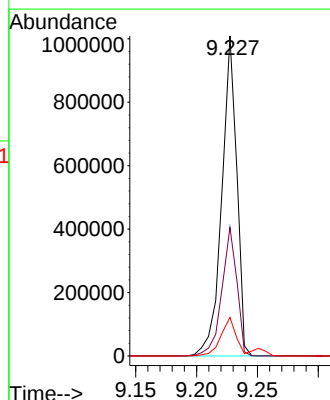
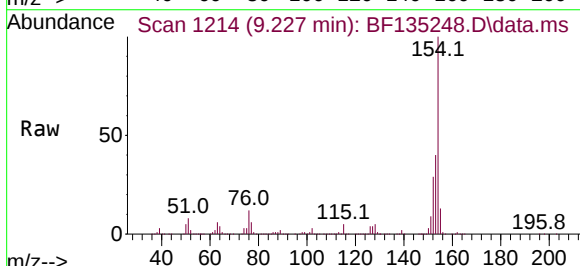
Tgt Ion:154 Resp: 865654

Ion Ratio Lower Upper

154 100

153 40.2 19.6 59.6

76 12.1 0.0 31.0

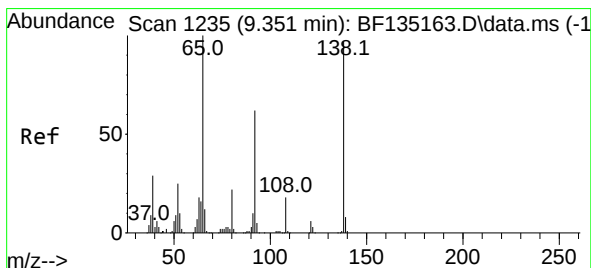
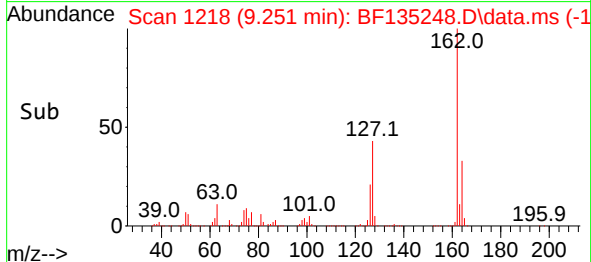
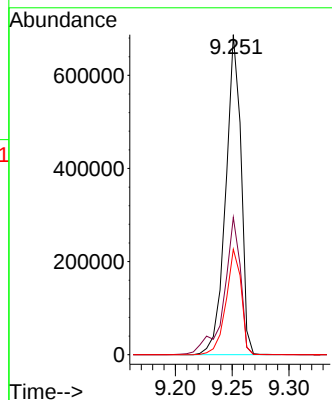
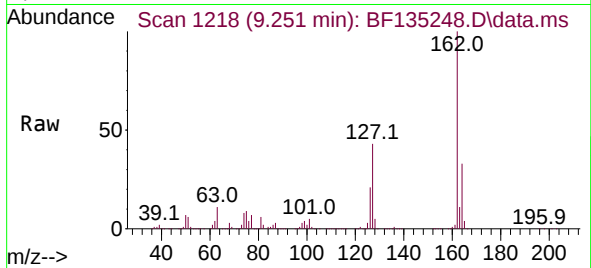




#47
2-Chloronaphthalene
Concen: 45.958 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

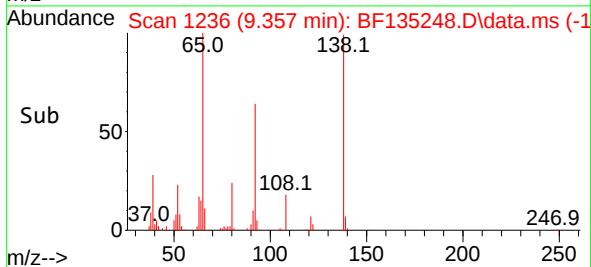
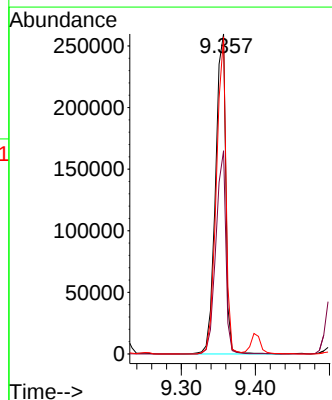
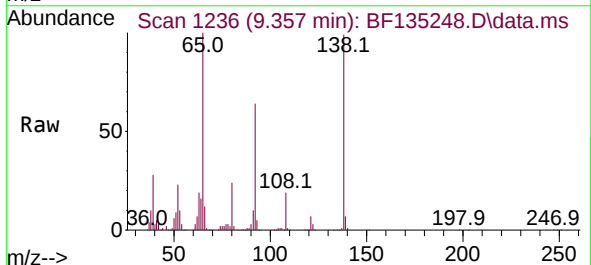
Instrument :
BNA_F
ClientSampleId :
PB155361BS

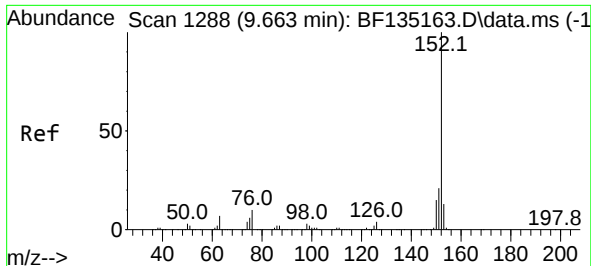
Tgt Ion:162 Resp: 643976
Ion Ratio Lower Upper
162 100
127 42.9 32.6 48.8
164 32.9 26.2 39.2



#48
2-Nitroaniline
Concen: 45.716 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

Tgt Ion: 65 Resp: 248863
Ion Ratio Lower Upper
65 100
92 63.5 49.4 74.0
138 99.1 77.4 116.0

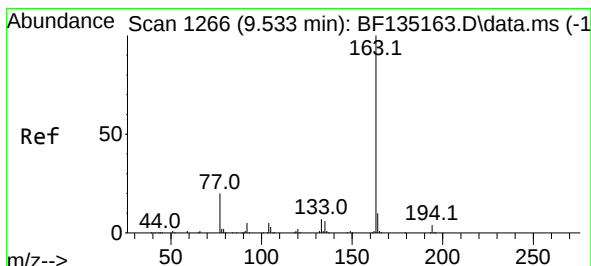
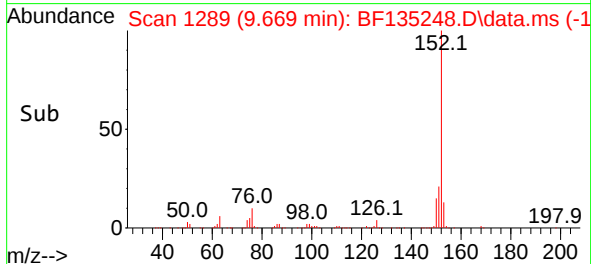
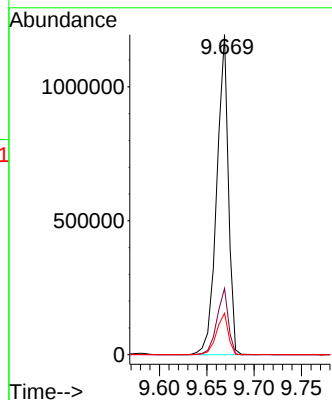
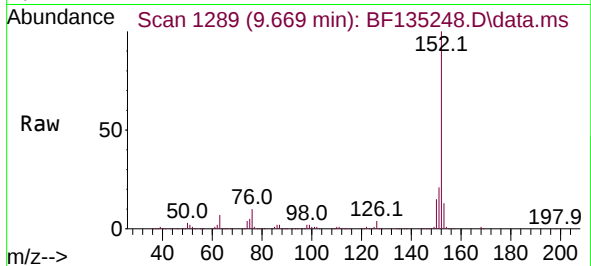




#49
Acenaphthylene
Concen: 43.653 ng
RT: 9.669 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

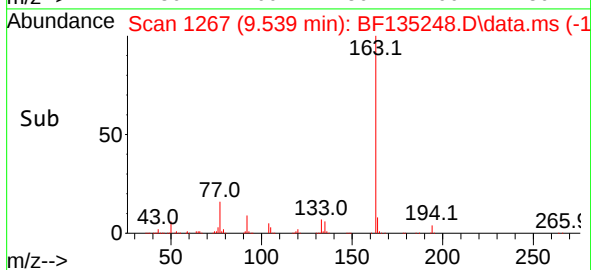
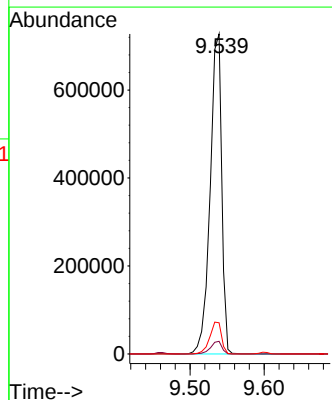
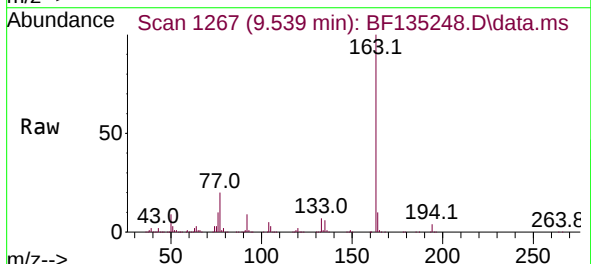
Instrument :
BNA_F
ClientSampleId :
PB155361BS

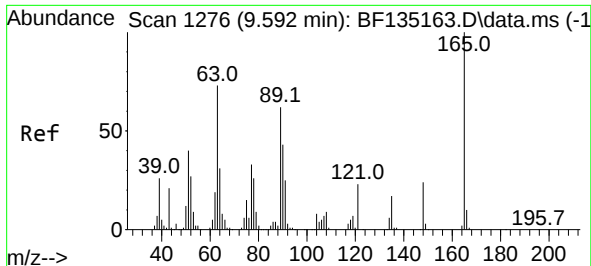
Tgt Ion:152 Resp: 1016568
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 46.434 ng
RT: 9.539 min Scan# 1267
Delta R.T. 0.006 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

Tgt Ion:163 Resp: 788940
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.7 8.1 12.1

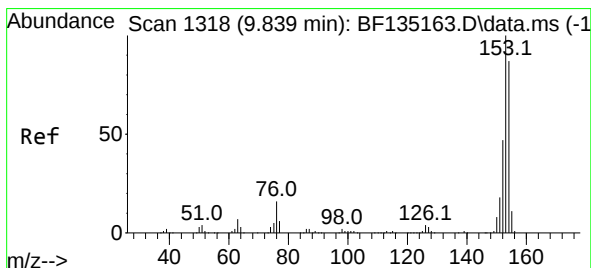
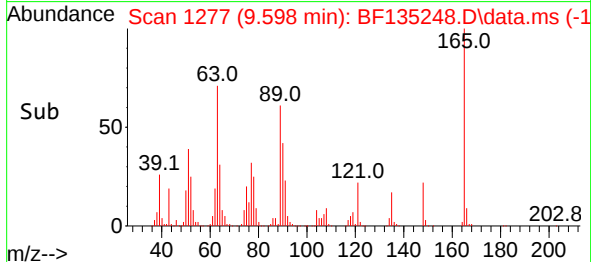
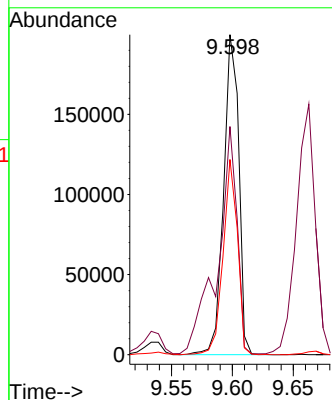
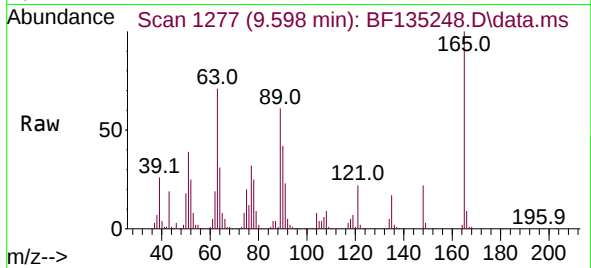




#51
2,6-Dinitrotoluene
Concen: 46.381 ng
RT: 9.598 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

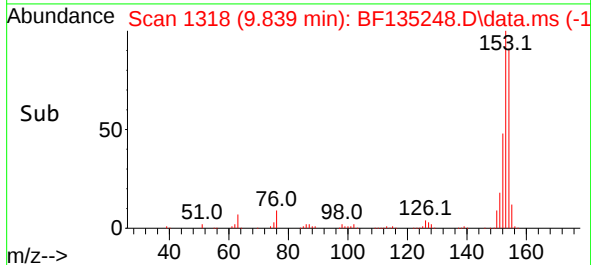
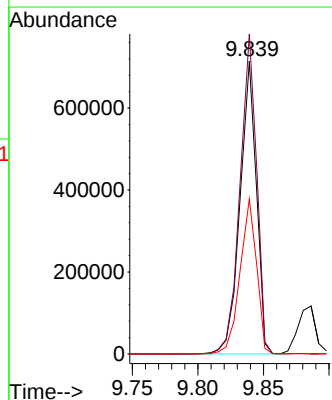
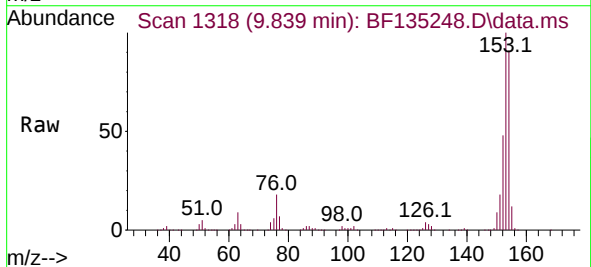
Instrument :
BNA_F
ClientSampleId :
PB155361BS

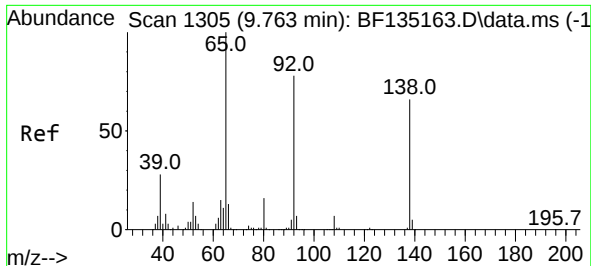
Tgt Ion:165 Resp: 172634
Ion Ratio Lower Upper
165 100
63 71.3 59.4 89.2
89 61.0 49.8 74.8



#52
Acenaphthene
Concen: 45.195 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

Tgt Ion:154 Resp: 621746
Ion Ratio Lower Upper
154 100
153 109.3 92.1 138.1
152 53.0 43.1 64.7

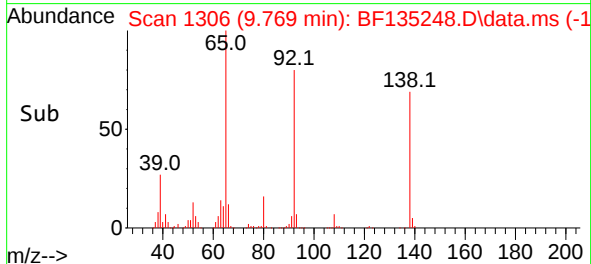
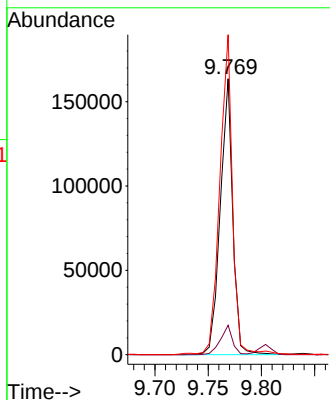
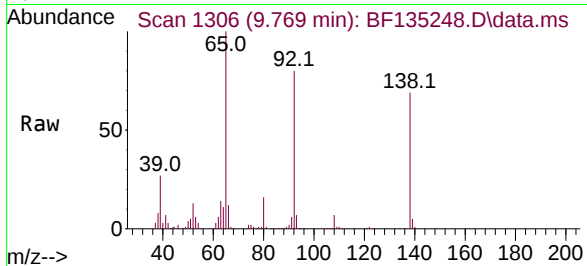




#53
3-Nitroaniline
Concen: 30.321 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

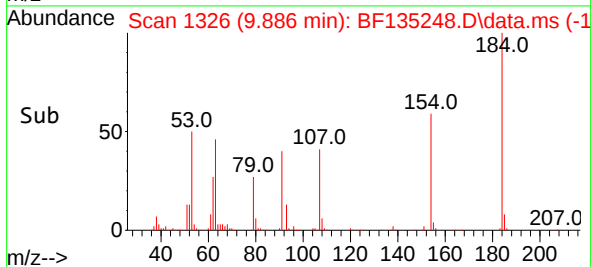
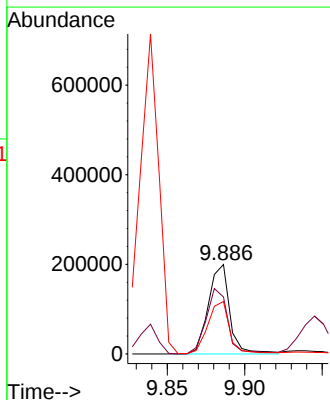
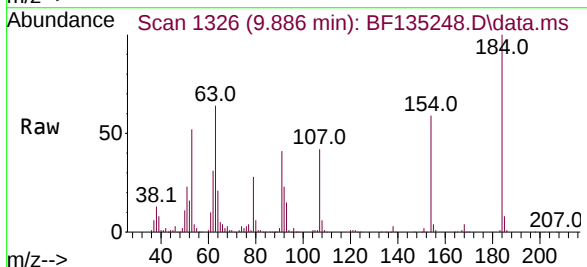
Instrument :
BNA_F
ClientSampleId :
PB155361BS

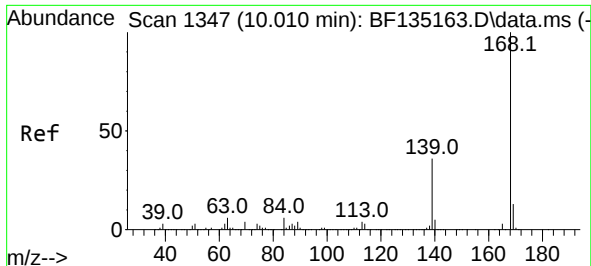
Tgt Ion:138 Resp: 132478
Ion Ratio Lower Upper
138 100
108 10.7 8.5 12.7
92 116.0 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 89.827 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

Tgt Ion:184 Resp: 191566
Ion Ratio Lower Upper
184 100
63 63.8 55.1 82.7
154 58.7 48.4 72.6

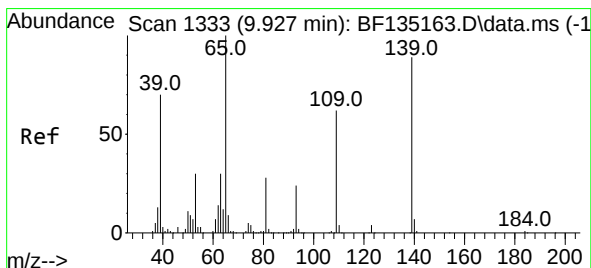
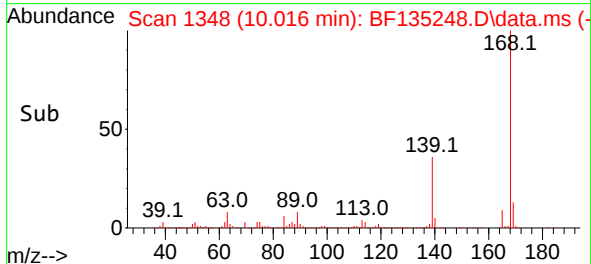
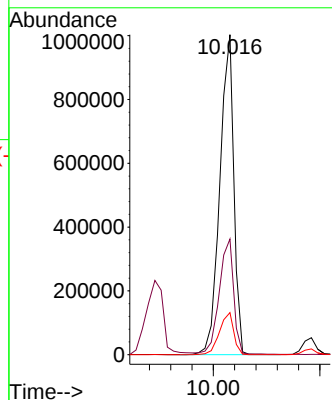
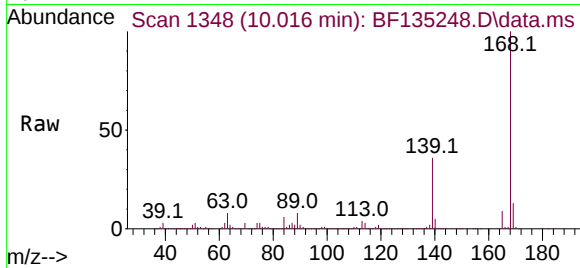




#55
Dibenzenofuran
Concen: 43.493 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

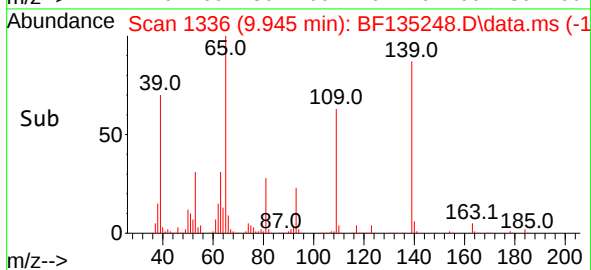
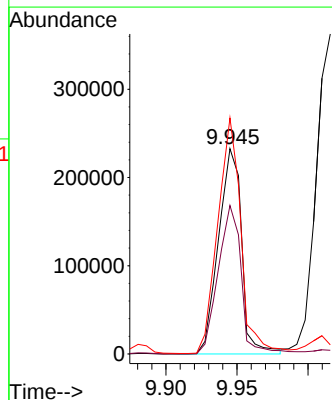
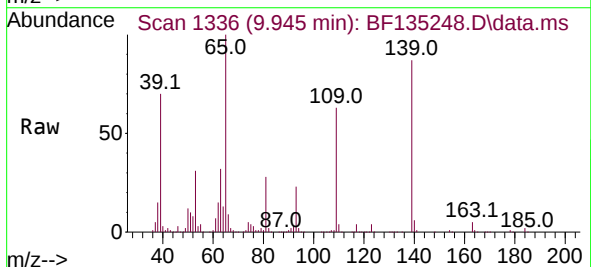
Instrument :
BNA_F
ClientSampleId :
PB155361BS

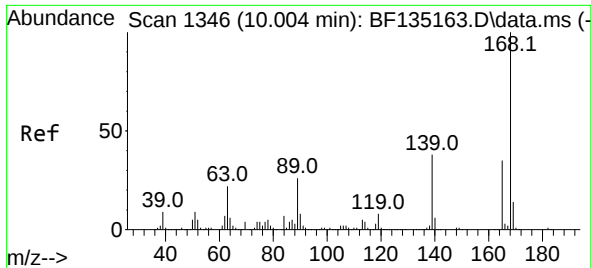
Tgt Ion:168 Resp: 913044
Ion Ratio Lower Upper
168 100
139 36.2 29.0 43.6
169 13.2 10.4 15.6



#56
4-Nitrophenol
Concen: 94.635 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.018 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

Tgt Ion:139 Resp: 262782
Ion Ratio Lower Upper
139 100
109 72.3 49.8 89.8
65 115.0 92.7 132.7

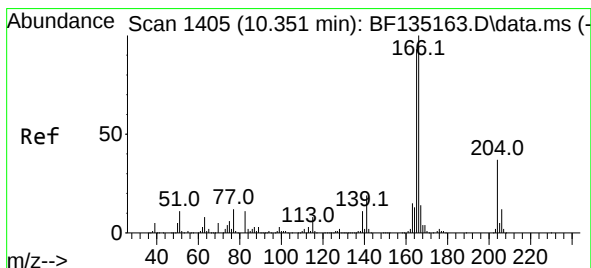
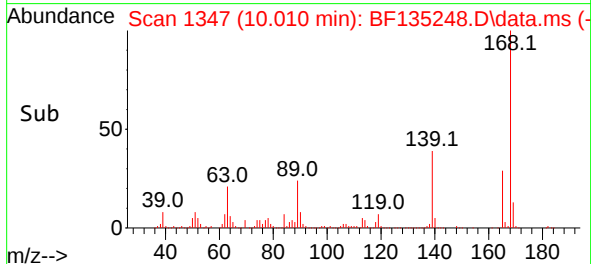
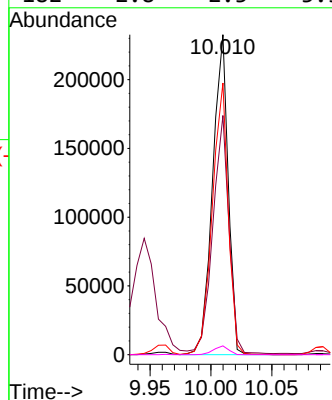
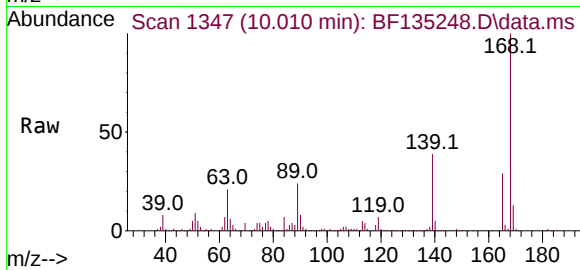




#57
2,4-Dinitrotoluene
Concen: 44.722 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

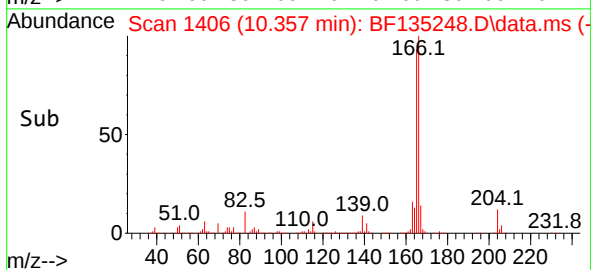
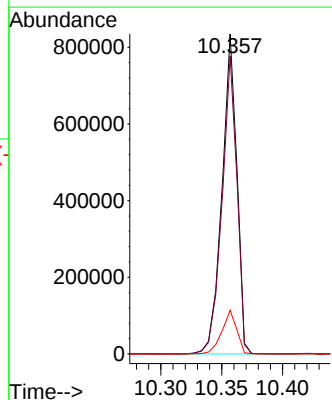
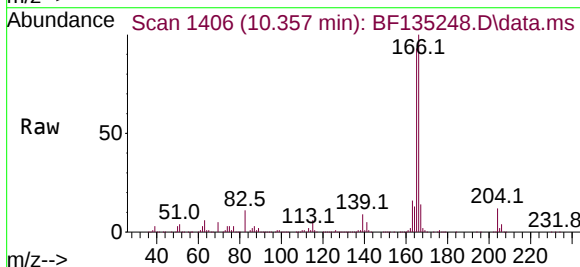
Instrument :
BNA_F
ClientSampleId :
PB155361BS

Tgt Ion:165 Resp: 208395
Ion Ratio Lower Upper
165 100
63 74.8 50.1 75.1
89 84.9 59.3 88.9
182 2.8 2.3 3.5



#58
Fluorene
Concen: 44.090 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

Tgt Ion:166 Resp: 711541
Ion Ratio Lower Upper
166 100
165 93.2 74.3 111.5
167 13.7 10.9 16.3

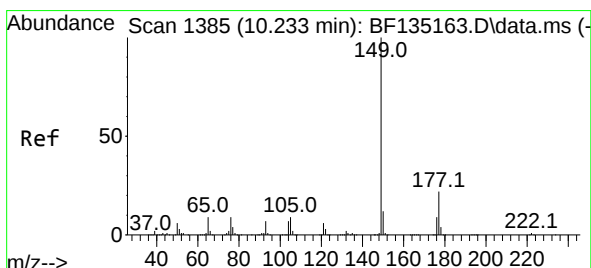
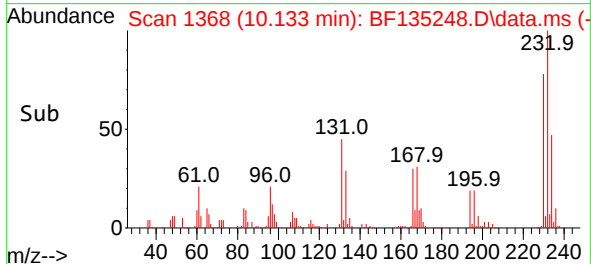
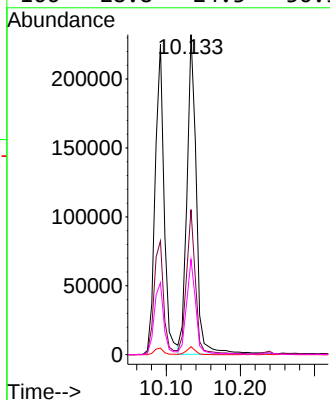
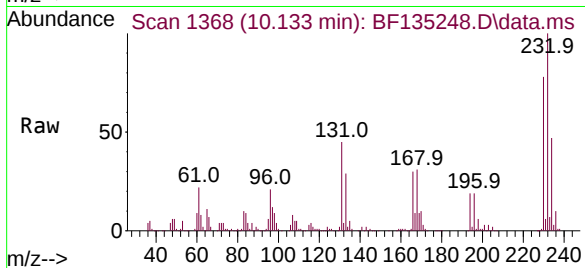




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.415 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

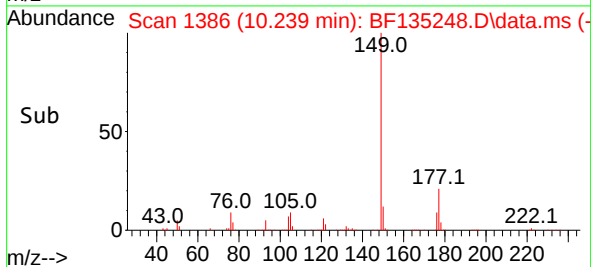
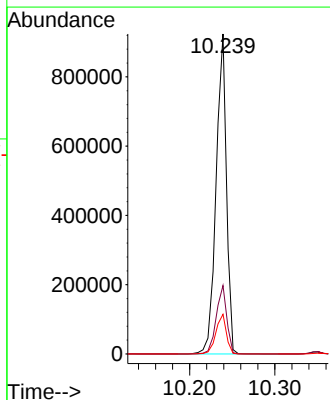
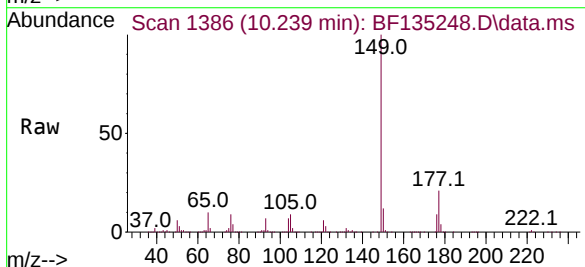
Instrument :
BNA_F
ClientSampleId :
PB155361BS

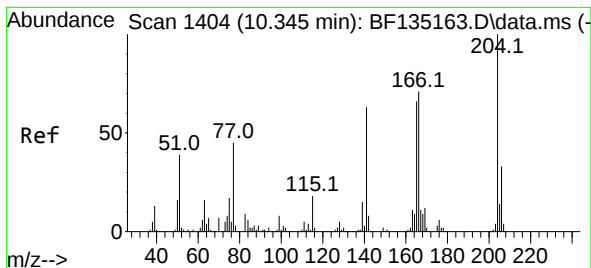
Tgt Ion:232 Resp: 204447
Ion Ratio Lower Upper
232 100
131 44.0 35.4 53.2
130 2.3 1.8 2.8
166 28.8 24.3 36.5



#60
Diethylphthalate
Concen: 45.771 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

Tgt Ion:149 Resp: 780468
Ion Ratio Lower Upper
149 100
177 21.4 17.8 26.6
150 12.4 10.0 15.0

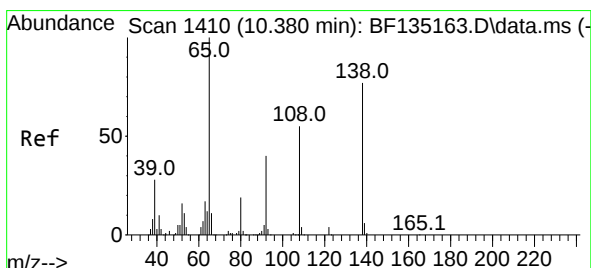
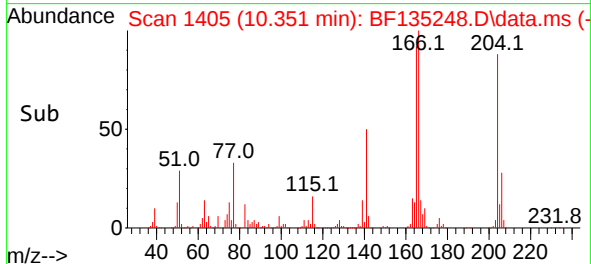
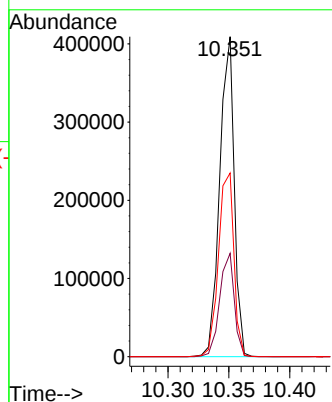
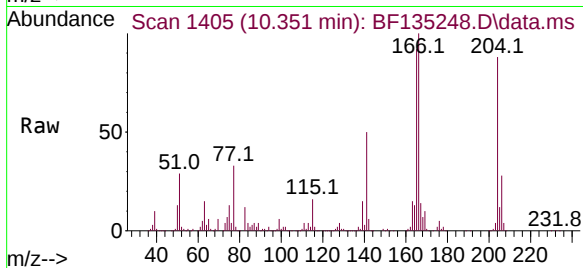




#61
4-Chlorophenyl-phenylether
Concen: 43.798 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

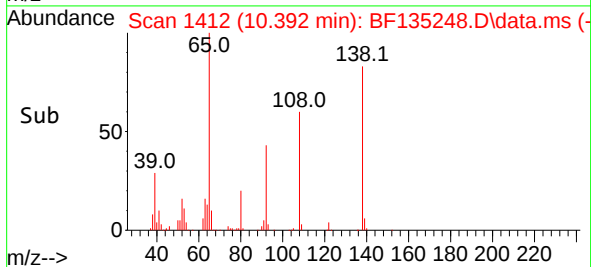
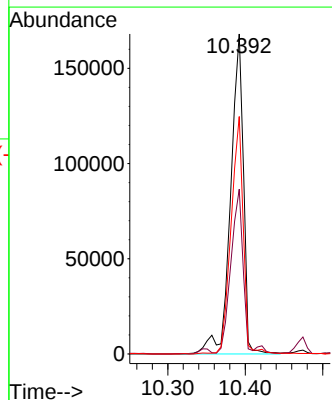
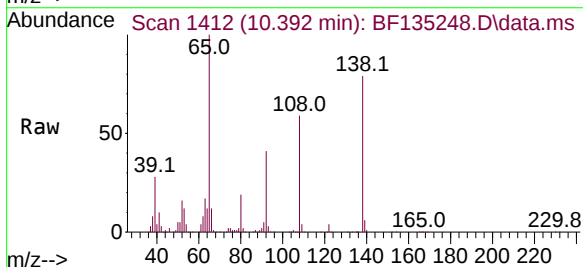
Instrument :
BNA_F
ClientSampleId :
PB155361BS

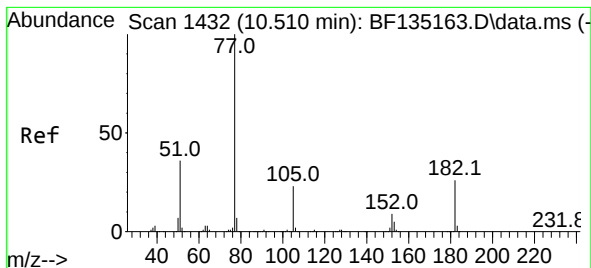
Tgt Ion:204 Resp: 339537
Ion Ratio Lower Upper
204 100
206 32.3 26.7 40.1
141 57.4 50.6 75.8



#62
4-Nitroaniline
Concen: 46.098 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

Tgt Ion:138 Resp: 193601
Ion Ratio Lower Upper
138 100
92 51.5 31.8 71.8
108 74.2 52.0 92.0





#63

Azobenzene

Concen: 45.620 ng

RT: 10.510 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB155361BS

Tgt Ion: 77 Resp: 761326

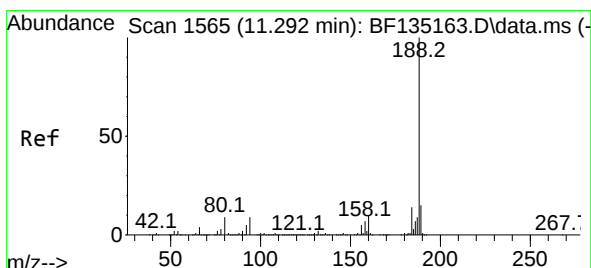
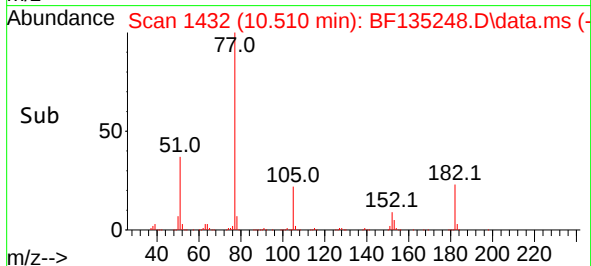
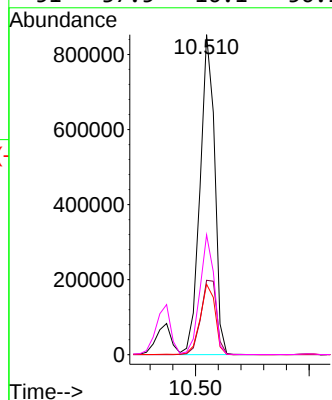
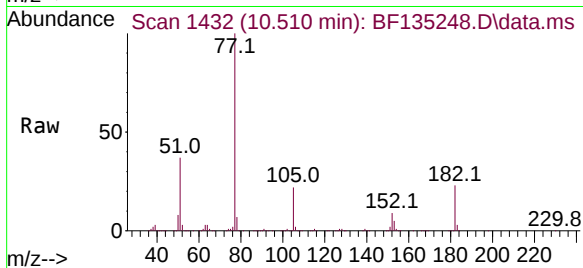
Ion Ratio Lower Upper

77 100

182 23.3 6.4 46.4

105 22.0 3.1 43.1

51 37.5 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: BF135248.D

Acq: 14 Sep 2023 11:59

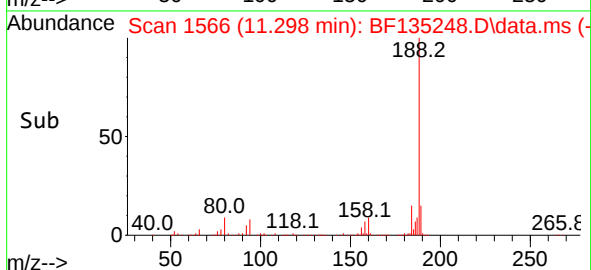
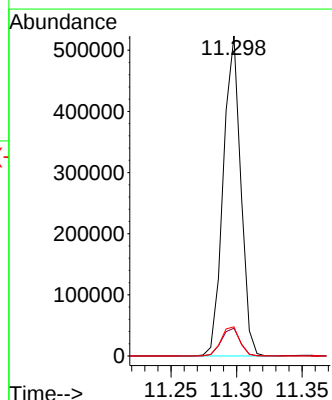
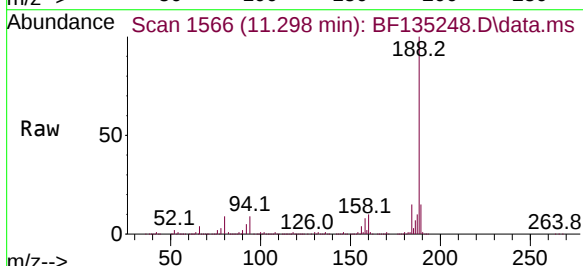
Tgt Ion: 188 Resp: 484029

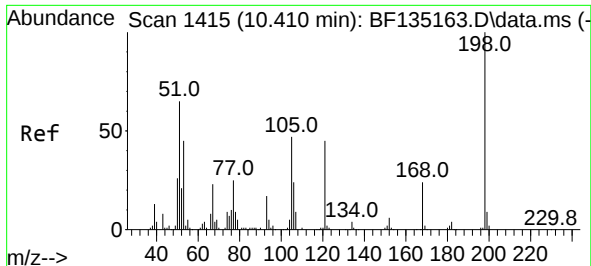
Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

80 9.1 7.5 11.3

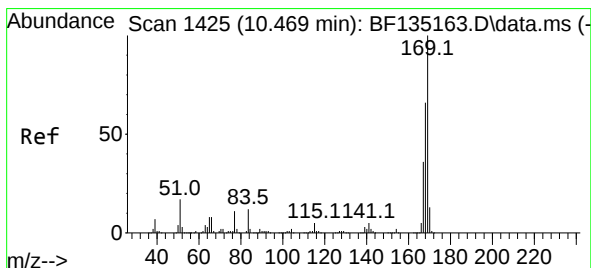
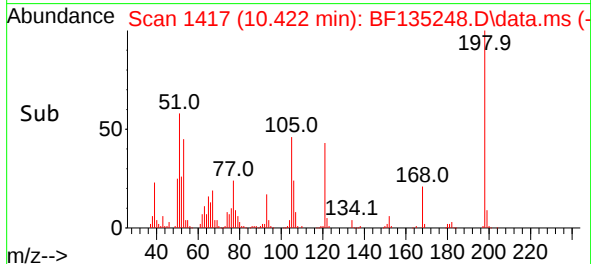
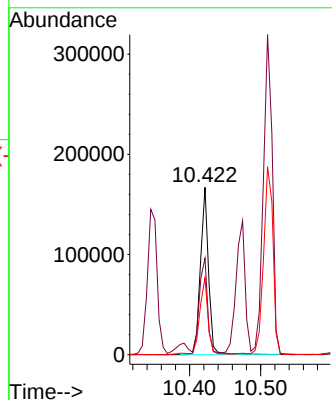
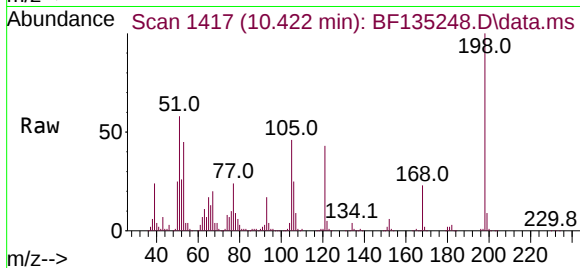




#65
4,6-Dinitro-2-methylphenol
Concen: 51.675 ng
RT: 10.422 min Scan# 1415
Delta R.T. 0.012 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

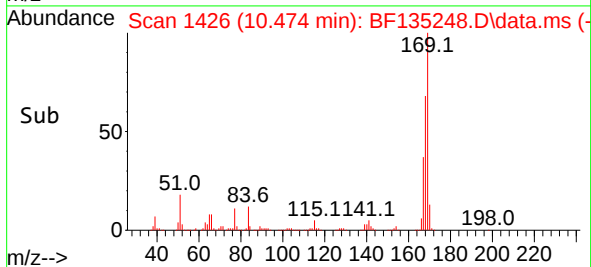
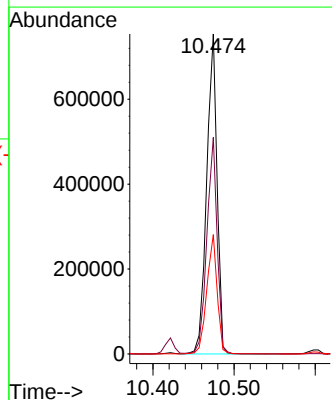
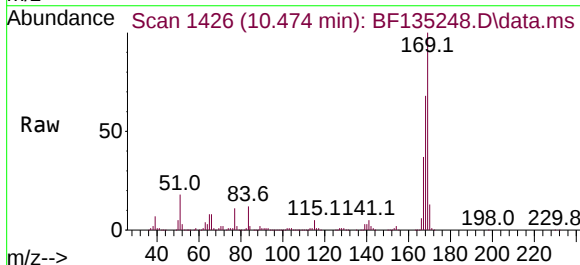
Instrument :
BNA_F
ClientSampleId :
PB155361BS

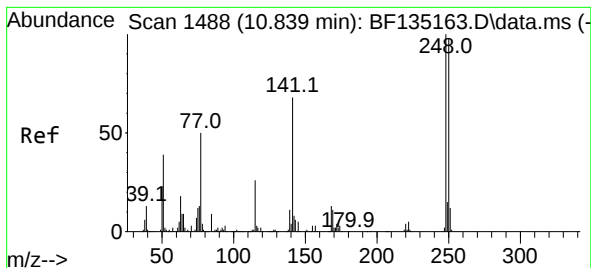
Tgt Ion:198 Resp: 132848
Ion Ratio Lower Upper
198 100
51 57.7 47.7 87.7
105 45.9 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 45.614 ng
RT: 10.474 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

Tgt Ion:169 Resp: 668423
Ion Ratio Lower Upper
169 100
168 67.7 52.8 79.2
167 37.3 29.0 43.6

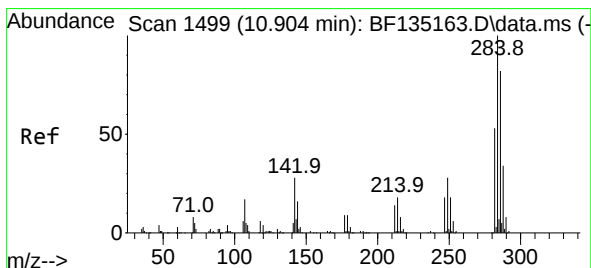
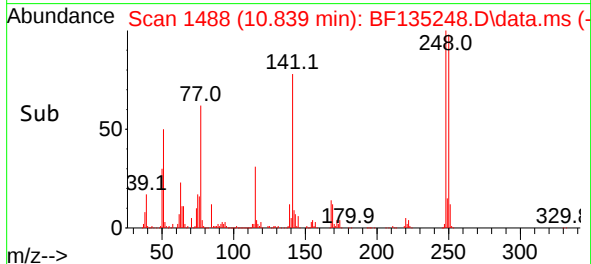
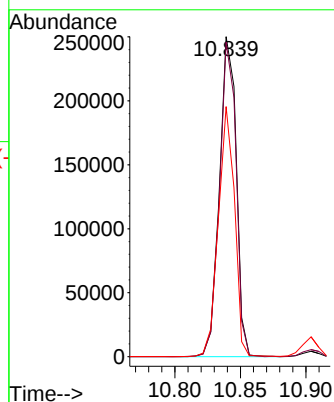
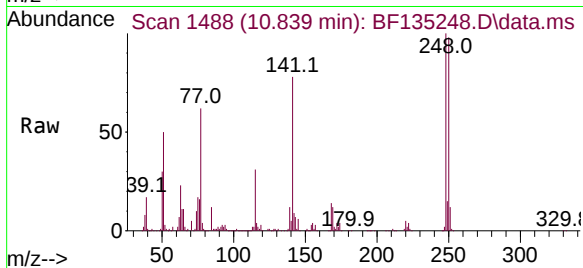




#67
4-Bromophenyl-phenylether
Concen: 46.345 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

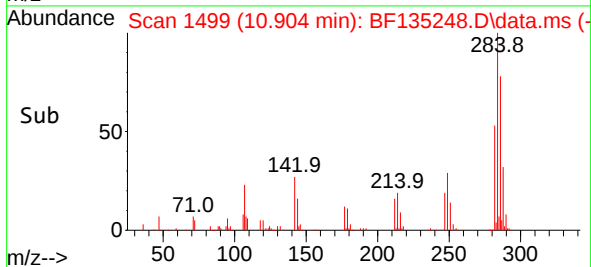
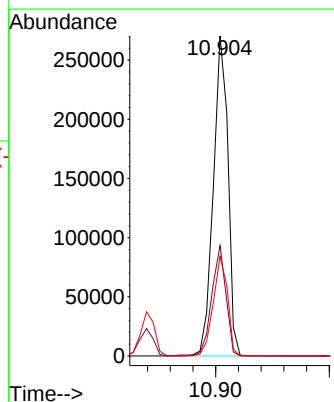
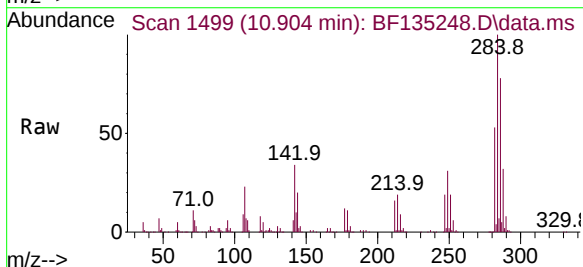
Instrument :
BNA_F
ClientSampleId :
PB155361BS

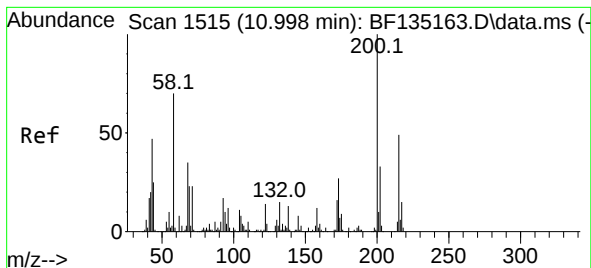
Tgt Ion:248 Resp: 223105
Ion Ratio Lower Upper
248 100
250 98.3 78.6 117.8
141 78.2 54.2 81.2



#68
Hexachlorobenzene
Concen: 49.338 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

Tgt Ion:284 Resp: 241971
Ion Ratio Lower Upper
284 100
142 34.5 22.2 33.4#
249 31.2 22.5 33.7





#69

Atrazine

Concen: 55.974 ng

RT: 11.010 min Scan# 1517

Delta R.T. 0.012 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB155361BS

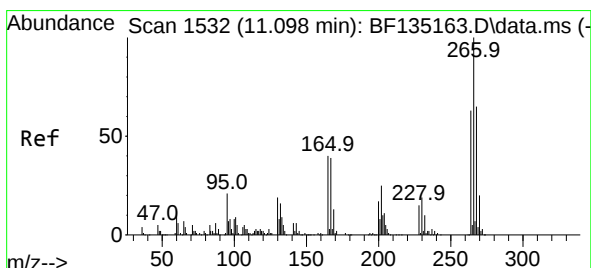
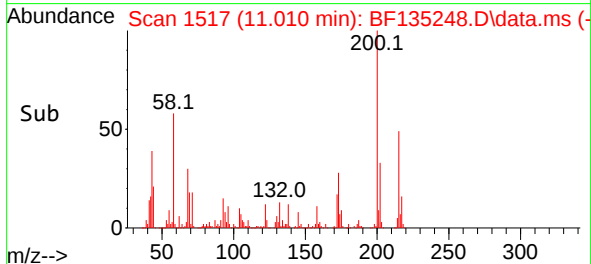
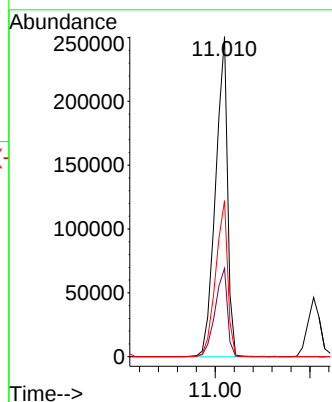
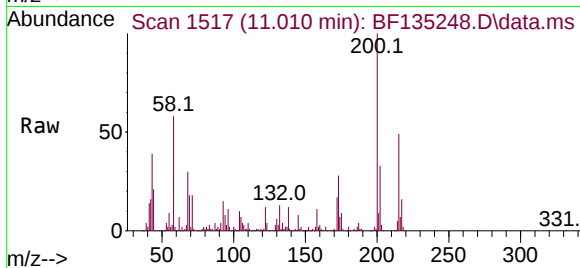
Tgt Ion:200 Resp: 220701

Ion Ratio Lower Upper

200 100

173 27.6 7.4 47.4

215 48.7 28.6 68.6



#70

Pentachlorophenol

Concen: 86.276 ng

RT: 11.104 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

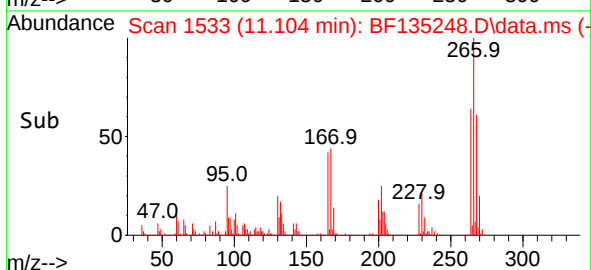
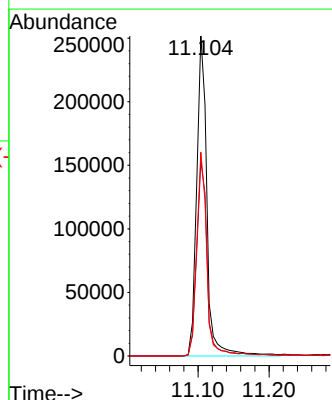
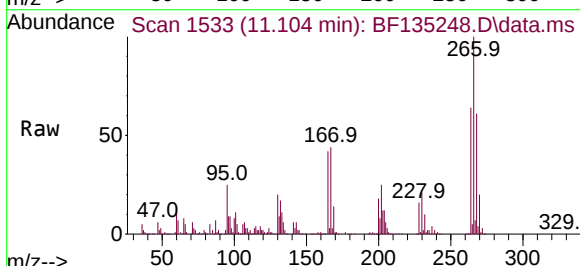
Tgt Ion:266 Resp: 253158

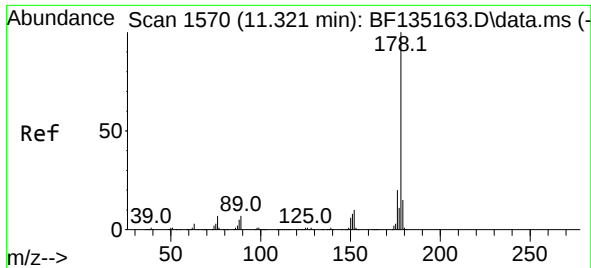
Ion Ratio Lower Upper

266 100

268 60.9 52.1 78.1

264 63.6 50.8 76.2

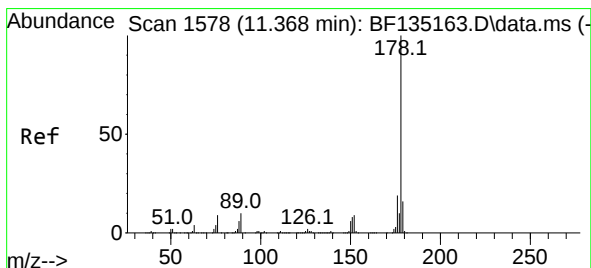
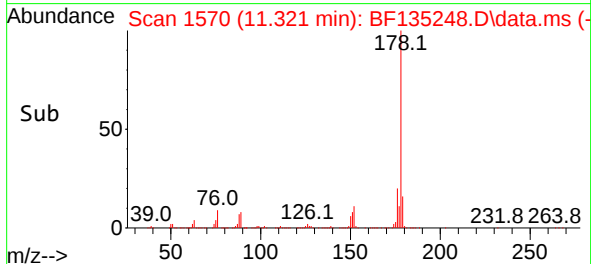
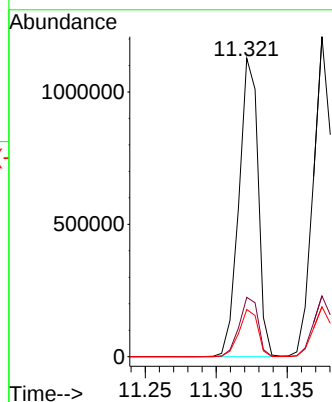
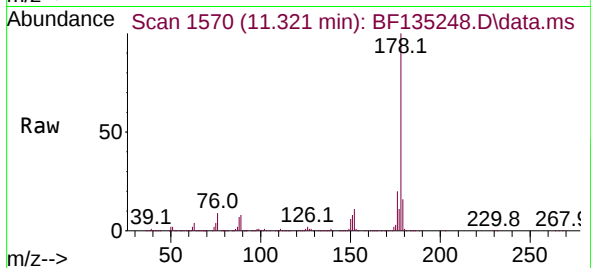




#71
Phenanthrene
Concen: 46.371 ng
RT: 11.321 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

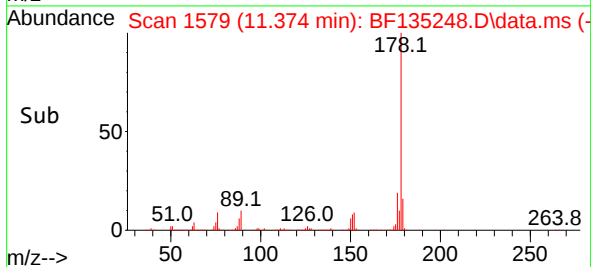
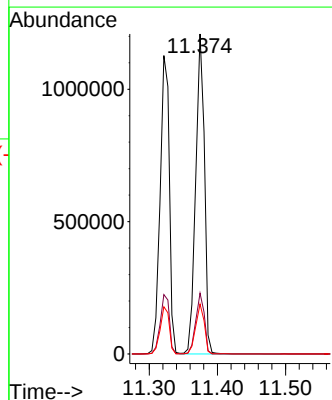
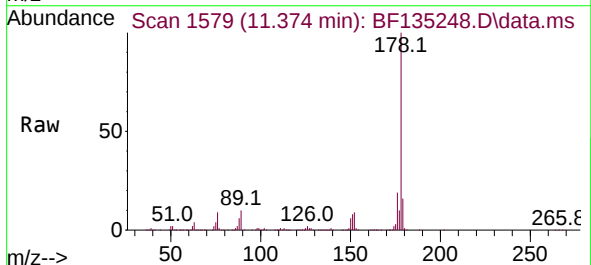
Instrument :
BNA_F
ClientSampleId :
PB155361BS

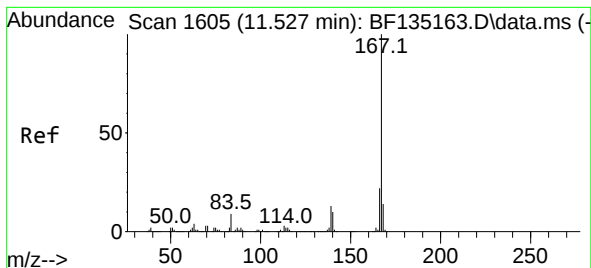
Tgt Ion:178 Resp: 1061544
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.8 12.0 18.0



#72
Anthracene
Concen: 45.387 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

Tgt Ion:178 Resp: 1068012
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.6 12.6 19.0





#73

Carbazole

Concen: 47.551 ng

RT: 11.533 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB155361BS

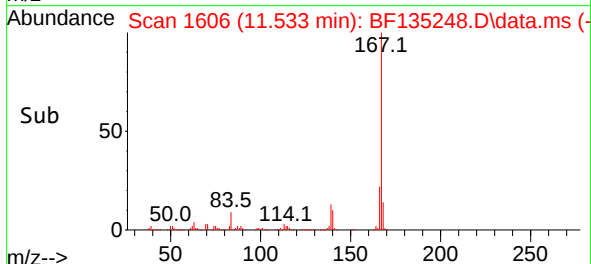
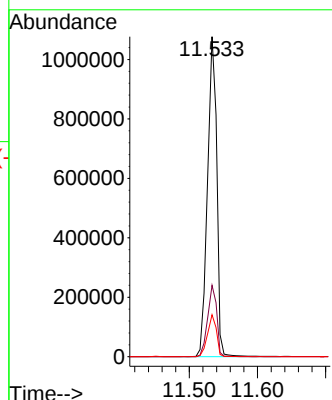
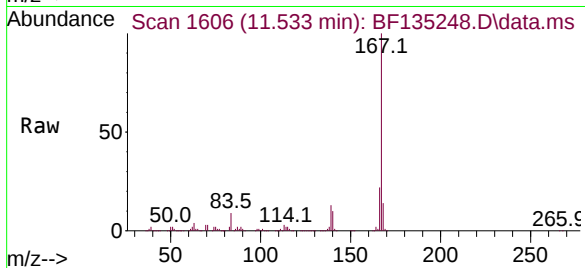
Tgt Ion:167 Resp: 1018574

Ion Ratio Lower Upper

167 100

166 22.3 17.4 26.0

139 13.1 10.6 15.8



#74

Di-n-butylphthalate

Concen: 49.406 ng

RT: 11.868 min Scan# 1663

Delta R.T. 0.006 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

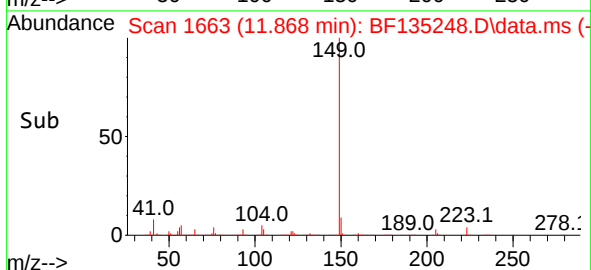
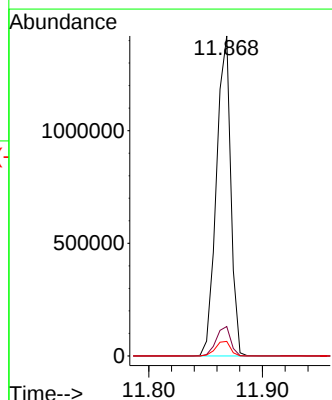
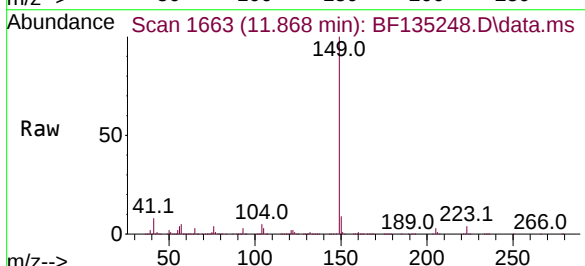
Tgt Ion:149 Resp: 1247074

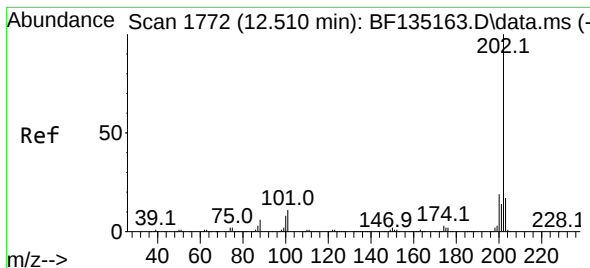
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.5 3.6 5.4





#75

Fluoranthene

Concen: 47.429 ng

RT: 12.515 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB155361BS

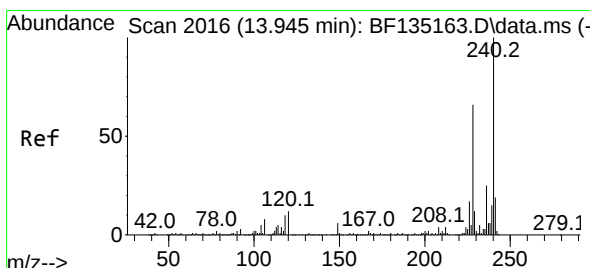
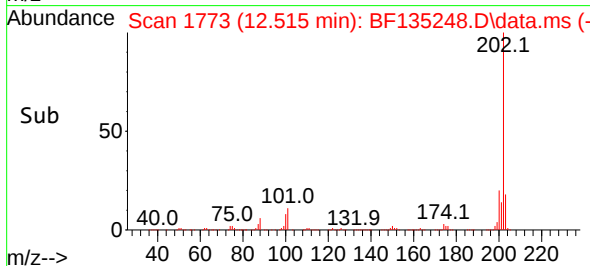
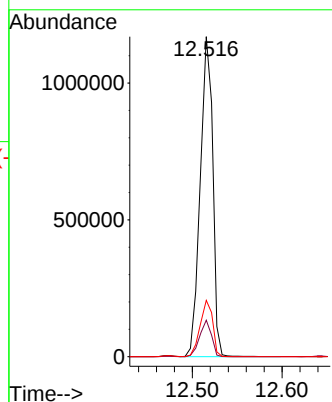
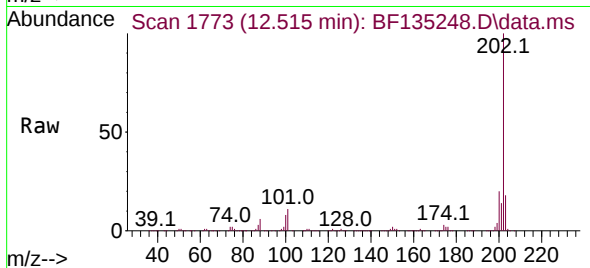
Tgt Ion:202 Resp: 1131367

Ion Ratio Lower Upper

202 100

101 11.4 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: BF135248.D

Acq: 14 Sep 2023 11:59

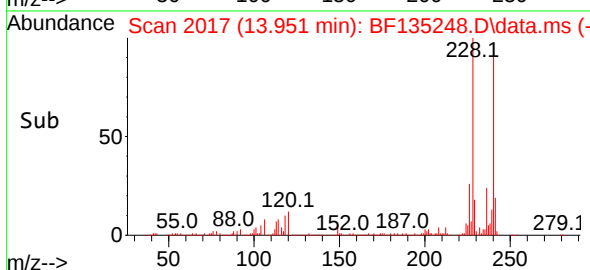
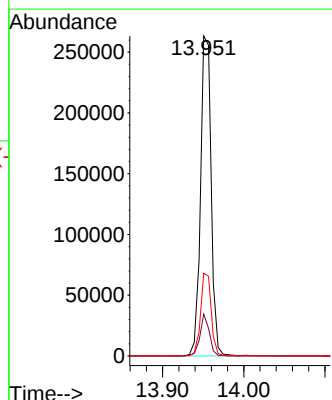
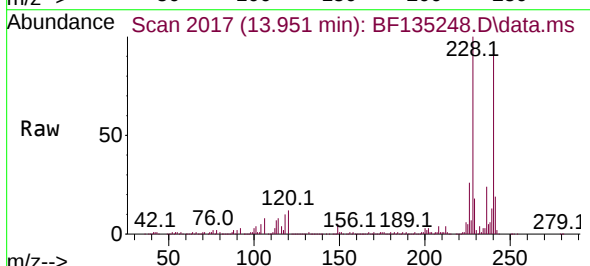
Tgt Ion:240 Resp: 241201

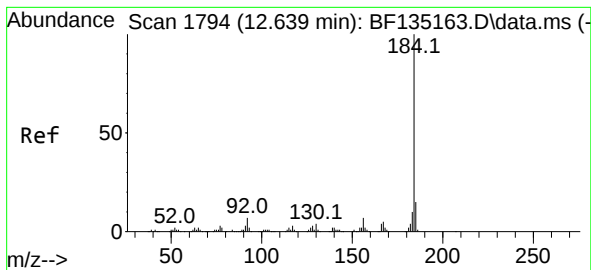
Ion Ratio Lower Upper

240 100

120 13.1 9.4 14.2

236 25.9 19.8 29.8





#77

Benzidine

Concen: 67.348 ng

RT: 12.639 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB155361BS

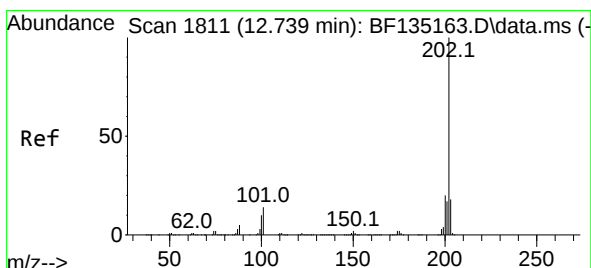
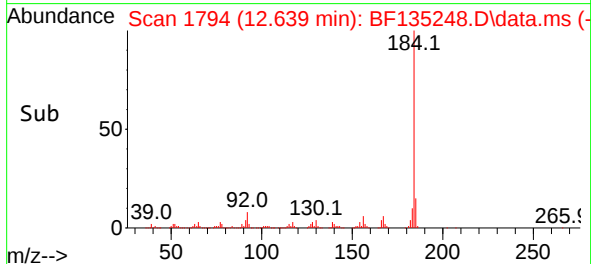
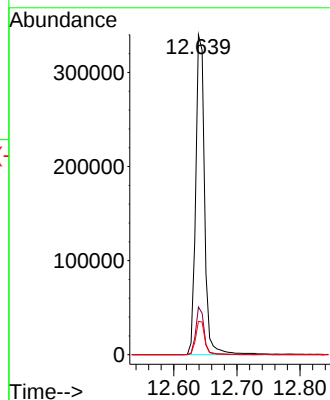
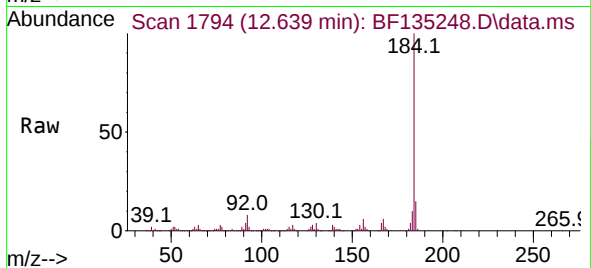
Tgt Ion:184 Resp: 332794

Ion Ratio Lower Upper

184 100

185 14.9 11.7 17.5

183 10.4 8.2 12.4



#78

Pyrene

Concen: 49.072 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

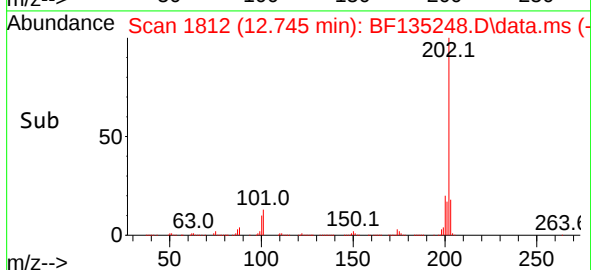
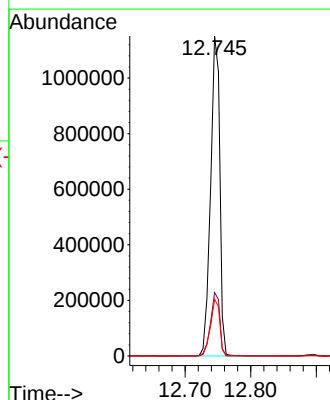
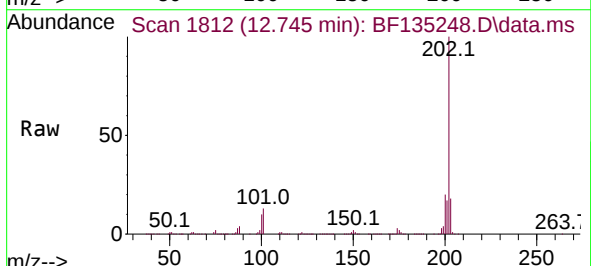
Tgt Ion:202 Resp: 1126890

Ion Ratio Lower Upper

202 100

200 19.8 16.2 24.2

203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 96.151 ng

RT: 12.898 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB155361BS

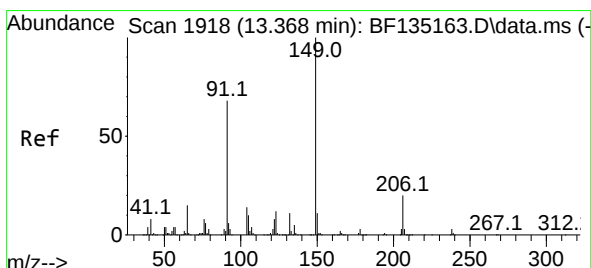
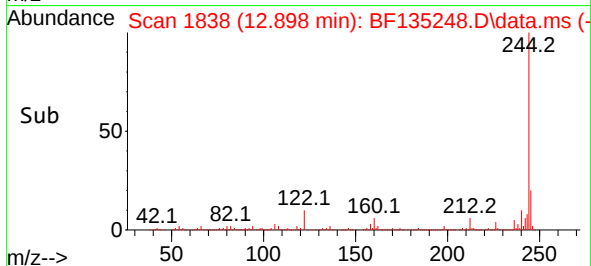
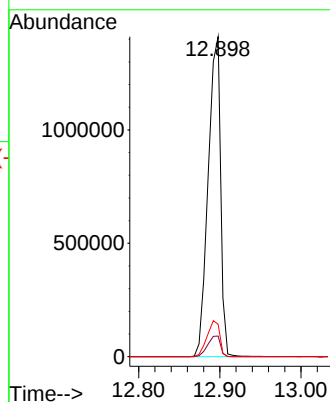
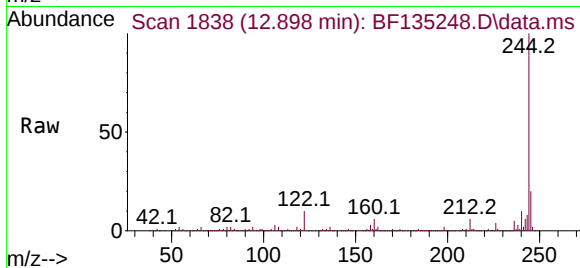
Tgt Ion:244 Resp: 1496061

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 10.2 7.9 11.9



#80

Butylbenzylphthalate

Concen: 55.351 ng

RT: 13.374 min Scan# 1919

Delta R.T. 0.006 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

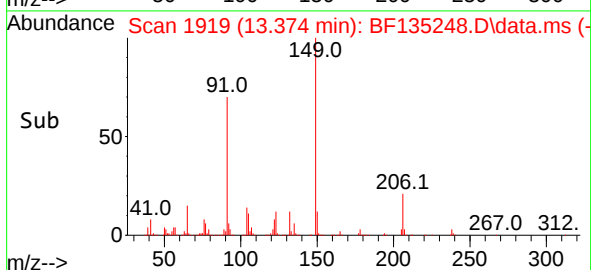
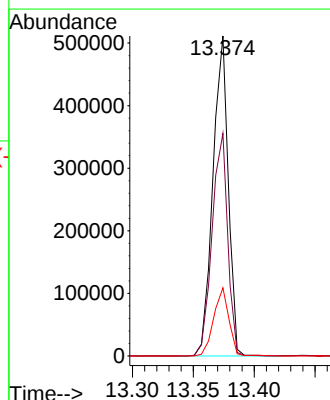
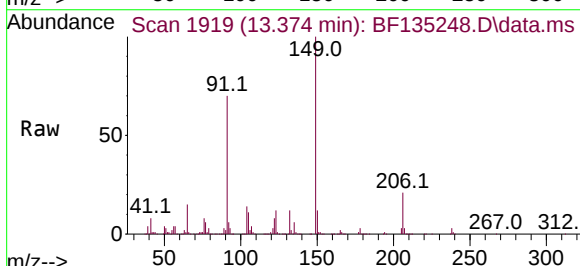
Tgt Ion:149 Resp: 447532

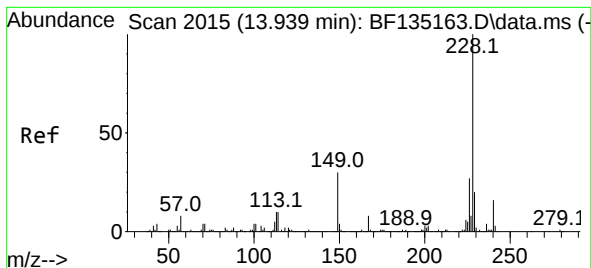
Ion Ratio Lower Upper

149 100

91 69.6 54.7 82.1

206 21.3 16.3 24.5





#81

Benzo(a)anthracene

Concen: 46.102 ng

RT: 13.945 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB155361BS

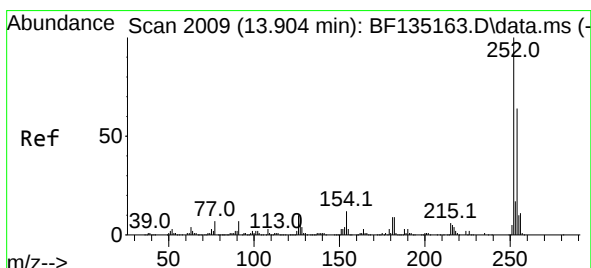
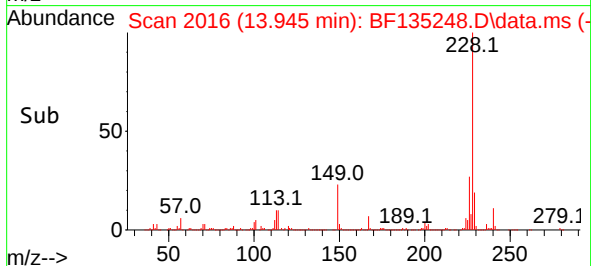
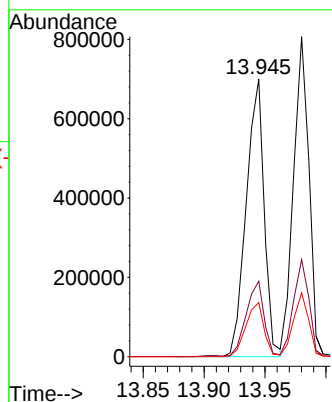
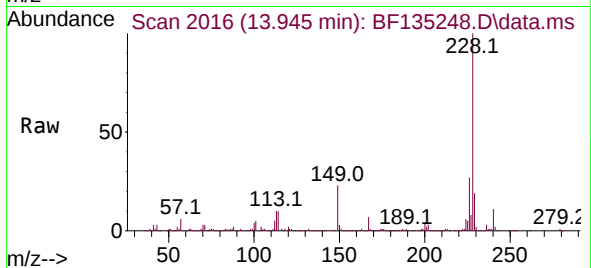
Tgt Ion:228 Resp: 718046

Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

229 19.5 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 35.952 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

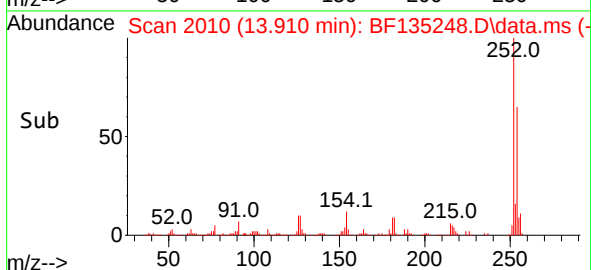
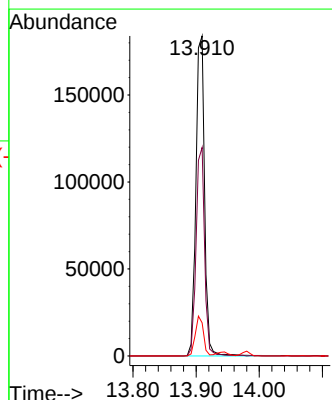
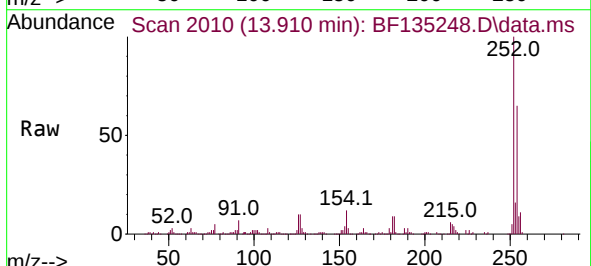
Tgt Ion:252 Resp: 174902

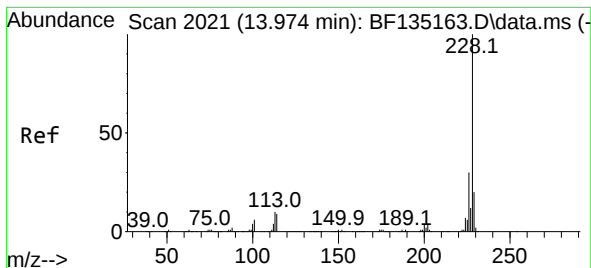
Ion Ratio Lower Upper

252 100

254 65.1 51.0 76.4

126 10.3 7.8 11.8





#83

Chrysene

Concen: 45.813 ng

RT: 13.980 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB155361BS

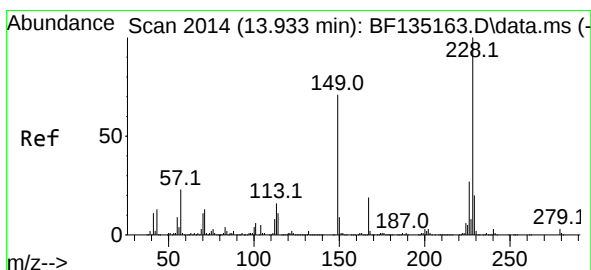
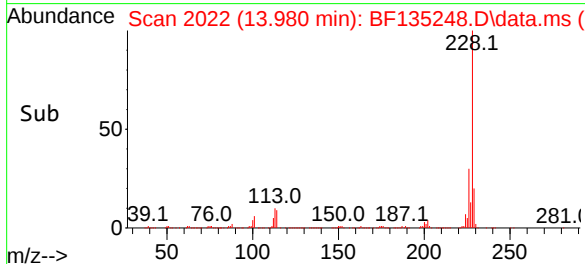
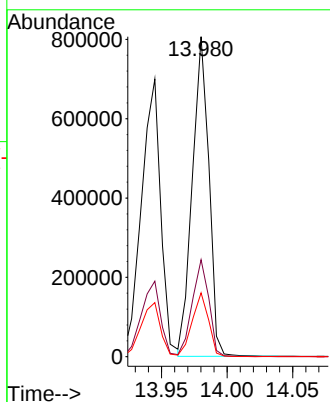
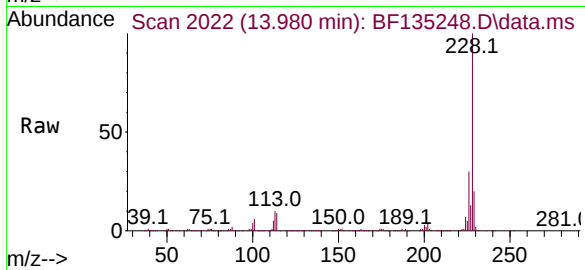
Tgt Ion:228 Resp: 709425

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.168 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

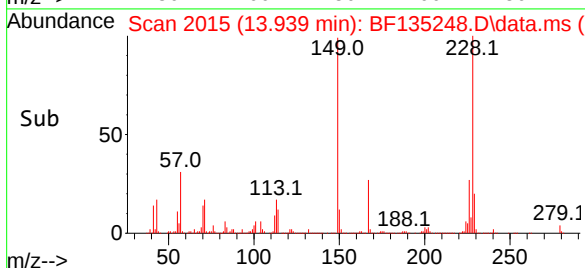
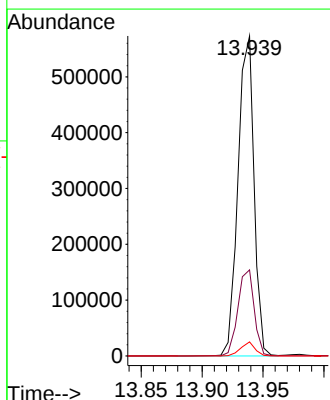
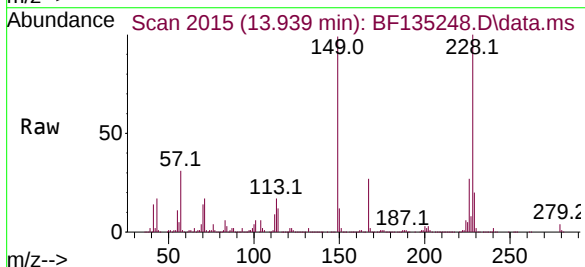
Tgt Ion:149 Resp: 524100

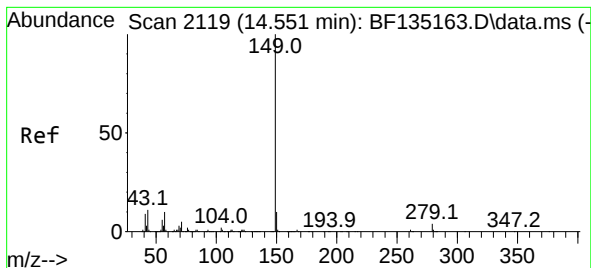
Ion Ratio Lower Upper

149 100

167 26.9 21.9 32.9

279 4.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 61.293 ng

RT: 14.551 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB155361BS

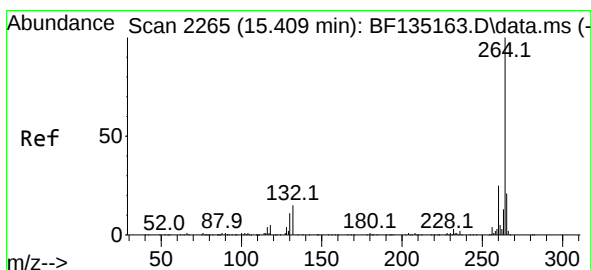
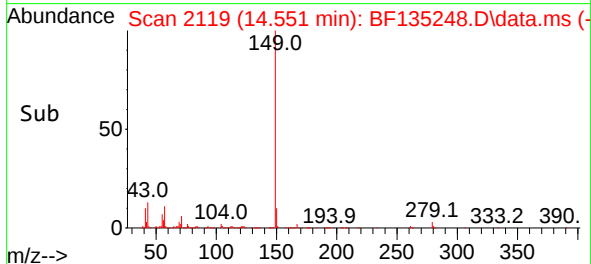
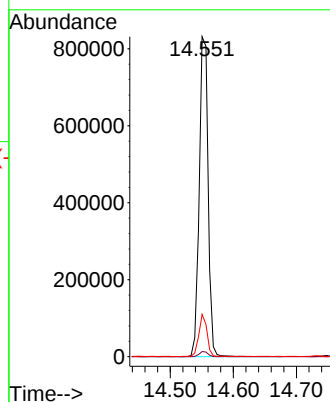
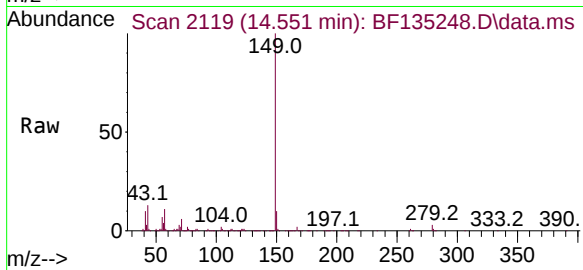
Tgt Ion:149 Resp: 808176

Ion Ratio Lower Upper

149 100

167 1.6 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: BF135248.D

Acq: 14 Sep 2023 11:59

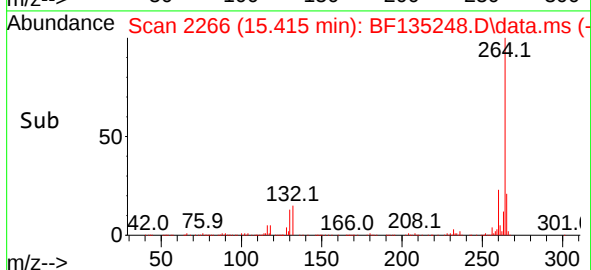
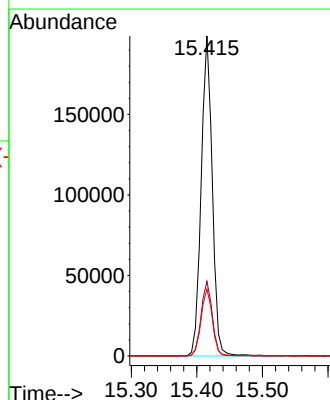
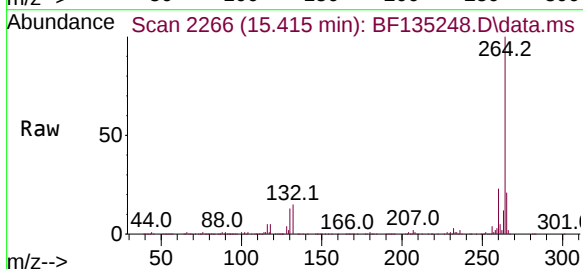
Tgt Ion:264 Resp: 234256

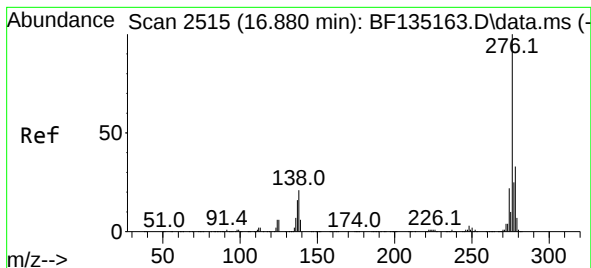
Ion Ratio Lower Upper

264 100

260 23.3 19.8 29.6

265 20.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.644 ng

RT: 16.903 min Scan# 2194

Delta R.T. 0.024 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB155361BS

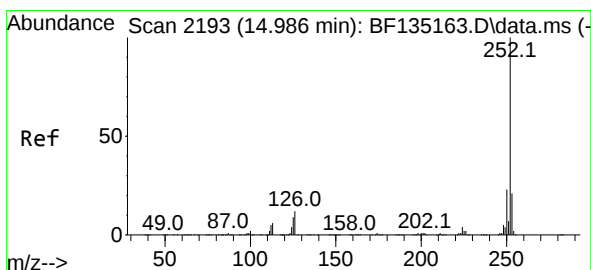
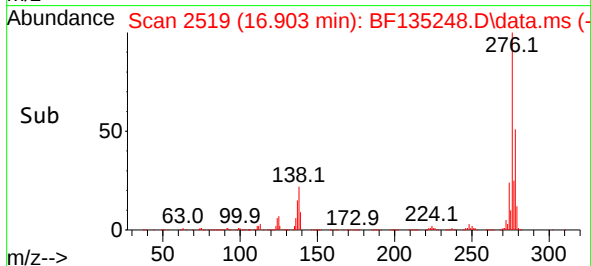
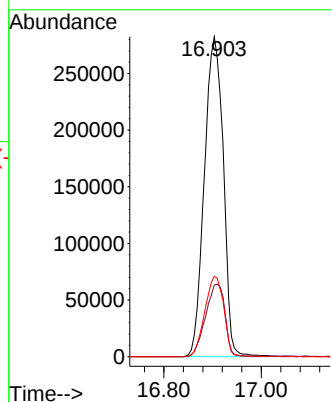
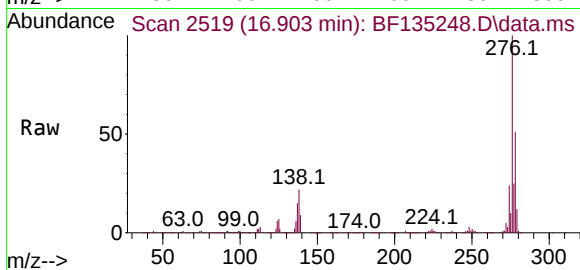
Tgt Ion:276 Resp: 762508

Ion Ratio Lower Upper

276 100

138 23.2 19.2 28.8

277 25.1 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 49.861 ng

RT: 14.992 min Scan# 2194

Delta R.T. 0.006 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

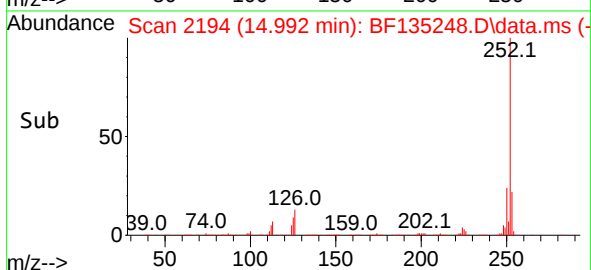
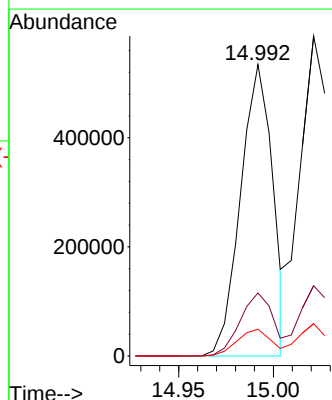
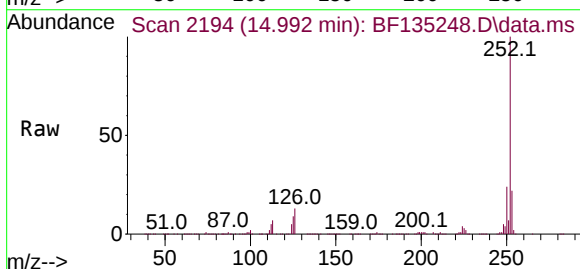
Tgt Ion:252 Resp: 632291

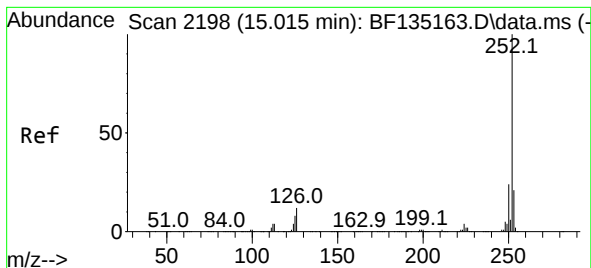
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 9.2 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 50.159 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB155361BS

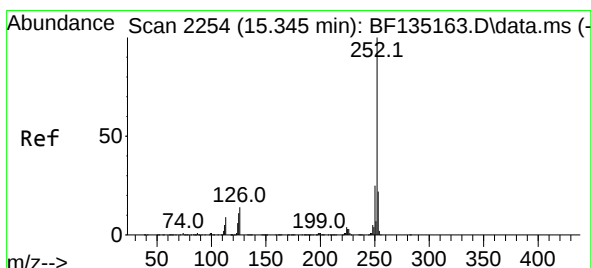
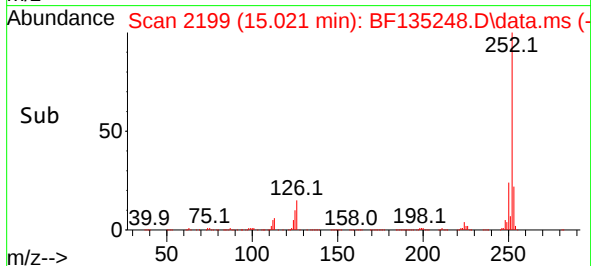
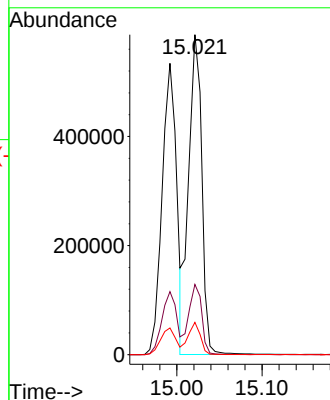
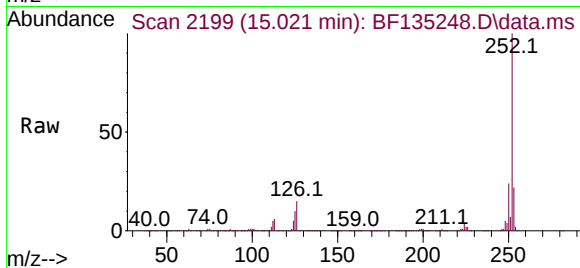
Tgt Ion:252 Resp: 628329

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 10.1 7.2 10.8



#90

Benzo(a)pyrene

Concen: 47.218 ng

RT: 15.356 min Scan# 2256

Delta R.T. 0.012 min

Lab File: BF135248.D

Acq: 14 Sep 2023 11:59

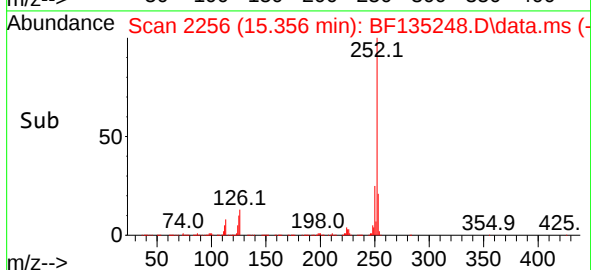
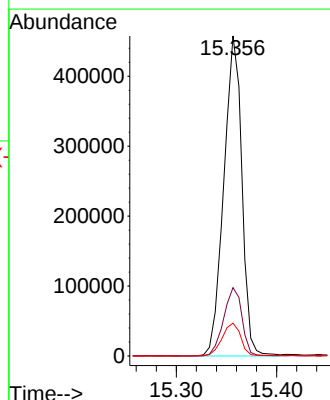
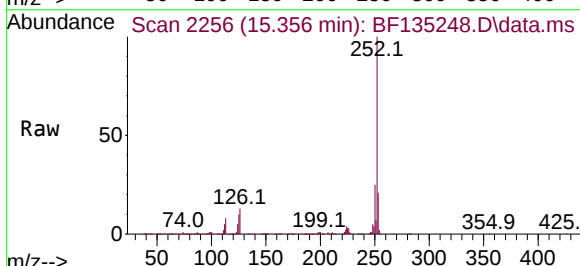
Tgt Ion:252 Resp: 571011

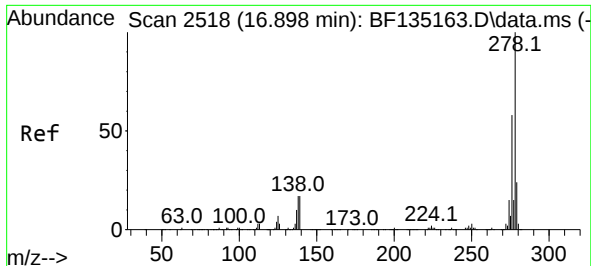
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 10.3 9.2 13.8

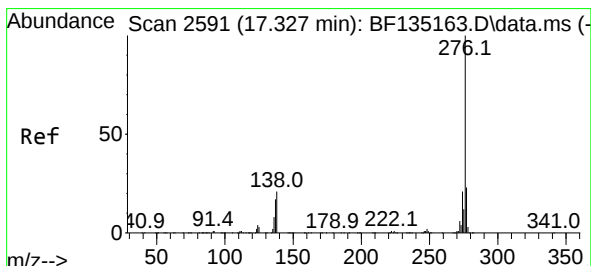
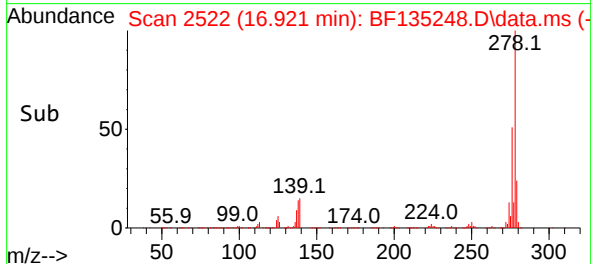
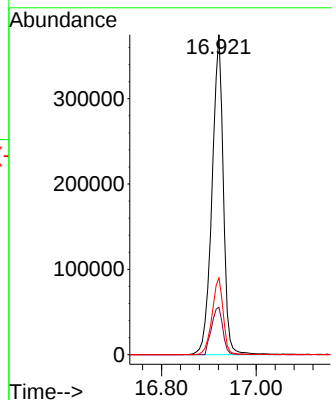
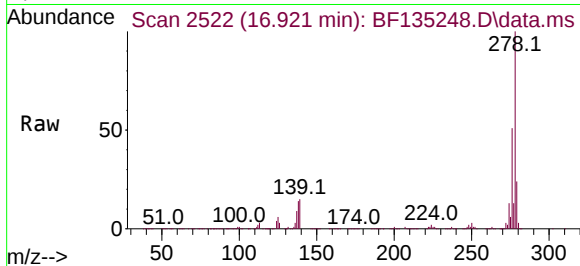




#91
Dibenzo(a,h)anthracene
Concen: 49.403 ng
RT: 16.921 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

Instrument :
BNA_F
ClientSampleId :
PB155361BS

Tgt Ion:278 Resp: 620866
Ion Ratio Lower Upper
278 100
139 14.8 13.4 20.0
279 24.0 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 48.065 ng
RT: 17.350 min Scan# 2595
Delta R.T. 0.024 min
Lab File: BF135248.D
Acq: 14 Sep 2023 11:59

Tgt Ion:276 Resp: 630844
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 20.7 16.9 25.3

