

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
 Data File : BF135372.D
 Acq On : 21 Sep 2023 10:52
 Operator : CG\JU
 Sample : PB155710BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155710BS

Quant Time: Sep 21 11:49:26 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	6.757	152	150088	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	570727	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	272813	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	506197	20.000	ng	0.00
76) Chrysene-d12	13.951	240	275945	20.000	ng	0.00
86) Perylene-d12	15.415	264	275095	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1115369	120.868	ng	0.02
7) Phenol-d6	6.410	99	1403049	119.572	ng	0.00
23) Nitrobenzene-d5	7.328	82	920539	87.629	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	308209	113.684	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1471628	81.385	ng	0.00
79) Terphenyl-d14	12.886	244	1443050	81.067	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	171661	42.434	ng	94
3) Pyridine	3.310	79	451018	41.425	ng	97
4) n-Nitrosodimethylamine	3.275	42	274246	47.467	ng	96
6) Aniline	6.428	93	434813	28.258	ng	# 58
8) 2-Chlorophenol	6.545	128	460306	46.727	ng	99
9) Benzaldehyde	6.316	77	173880	26.012	ng	99
10) Phenol	6.422	94	508441	39.516	ng	83
11) bis(2-Chloroethyl)ether	6.504	93	447934	46.411	ng	97
12) 1,3-Dichlorobenzene	6.698	146	453760	45.324	ng	99
13) 1,4-Dichlorobenzene	6.775	146	453461	44.520	ng	99
14) 1,2-Dichlorobenzene	6.928	146	426796	45.121	ng	97
15) Benzyl Alcohol	6.910	79	361591	42.944	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.034	45	835380	45.920	ng	83
17) 2-Methylphenol	7.022	107	364714	41.955	ng	96
18) Hexachloroethane	7.263	117	174530	46.375	ng	91
19) n-Nitroso-di-n-propyla...	7.181	70	287033	39.493	ng	96
20) 3+4-Methylphenols	7.181	107	408902	39.118	ng	# 80
22) Acetophenone	7.169	105	572626	43.885	ng	# 94
24) Nitrobenzene	7.345	77	469944	45.261	ng	99
25) Isophorone	7.587	82	881742	45.710	ng	99
26) 2-Nitrophenol	7.663	139	240249	48.211	ng	91
27) 2,4-Dimethylphenol	7.704	122	393661	46.997	ng	95
28) bis(2-Chloroethoxy)met...	7.792	93	544971	47.202	ng	99
29) 2,4-Dichlorophenol	7.904	162	353773	45.580	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	374176	46.122	ng	99
31) Naphthalene	8.063	128	1240019	44.718	ng	100
32) Benzoic acid	7.845	122	283856	45.003	ng	99
33) 4-Chloroaniline	8.116	127	272278	22.380	ng	99
34) Hexachlorobutadiene	8.175	225	213685	43.682	ng	99
35) Caprolactam	8.492	113	76149	29.233	ng	98
36) 4-Chloro-3-methylphenol	8.610	107	378032	43.822	ng	96
37) 2-Methylnaphthalene	8.751	142	777502	41.712	ng	97
38) 1-Methylnaphthalene	8.851	142	730992	41.887	ng	98
40) 1,2,4,5-Tetrachloroben...	8.922	216	363671	46.013	ng	99
41) Hexachlorocyclopentadiene	8.904	237	254935	73.831	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	234832	45.380	ng	99

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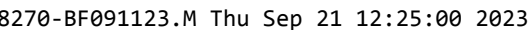
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	256401	43.025	ng	98
46) 1,1'-Biphenyl	9.222	154	939330	44.804	ng	98
47) 2-Chloronaphthalene	9.245	162	708280	46.562	ng	98
48) 2-Nitroaniline	9.351	65	276571	46.800	ng	94
49) Acenaphthylene	9.663	152	1099561	43.495	ng	100
50) Dimethylphthalate	9.528	163	818678	44.385	ng	99
51) 2,6-Dinitrotoluene	9.592	165	183363	45.379	ng	95
52) Acenaphthene	9.833	154	673710	45.112	ng	96
53) 3-Nitroaniline	9.763	138	150290	31.686	ng	97
54) 2,4-Dinitrophenol	9.881	184	184798	80.518	ng	95
55) Dibenzofuran	10.004	168	940765	41.281	ng	97
56) 4-Nitrophenol	9.945	139	257277	85.347	ng	95
57) 2,4-Dinitrotoluene	10.004	165	211318	41.774	ng	# 83
58) Fluorene	10.351	166	744909	42.518	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	206772	45.105	ng	98
60) Diethylphthalate	10.228	149	812388	43.886	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	347612	41.304	ng	97
62) 4-Nitroaniline	10.386	138	213975	46.932	ng	94
63) Azobenzene	10.504	77	828709	45.743	ng	98
65) 4,6-Dinitro-2-methylph...	10.416	198	135963	50.571	ng	95
66) n-Nitrosodiphenylamine	10.463	169	700018	45.678	ng	100
67) 4-Bromophenyl-phenylether	10.833	248	223974	44.488	ng	97
68) Hexachlorobenzene	10.898	284	236012	46.015	ng	# 88
69) Atrazine	10.998	200	223595	54.224	ng	98
70) Pentachlorophenol	11.098	266	219801	71.627	ng	98
71) Phenanthrene	11.316	178	1098272	45.874	ng	99
72) Anthracene	11.369	178	1114551	45.291	ng	100
73) Carbazole	11.528	167	1090323	48.671	ng	99
74) Di-n-butylphthalate	11.857	149	1268424	48.052	ng	99
75) Fluoranthene	12.510	202	1167134	46.786	ng	99
77) Benzidine	12.639	184	316594	56.002	ng	99
78) Pyrene	12.739	202	1185697	45.131	ng	100
80) Butylbenzylphthalate	13.363	149	469110	50.715	ng	94
81) Benzo(a)anthracene	13.939	228	825692	46.339	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	205039	36.840	ng	99
83) Chrysene	13.974	228	823570	46.488	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	543163	57.223	ng	100
85) Di-n-octyl phthalate	14.545	149	889179	58.946	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	878519	48.706	ng	95
88) Benzo(b)fluoranthene	14.986	252	784011	52.647	ng	# 96
89) Benzo(k)fluoranthene	15.015	252	684006	46.498	ng	# 97
90) Benzo(a)pyrene	15.357	252	673024	47.391	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	718324	48.673	ng	97
92) Benzo(g,h,i)perylene	17.351	276	767936	49.824	ng	# 95

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

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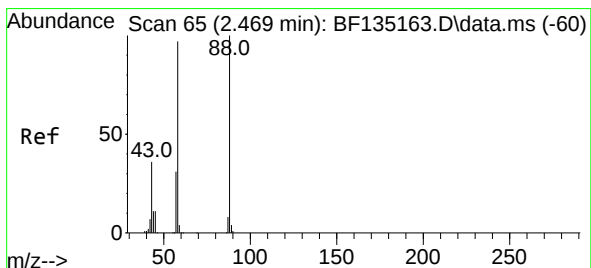
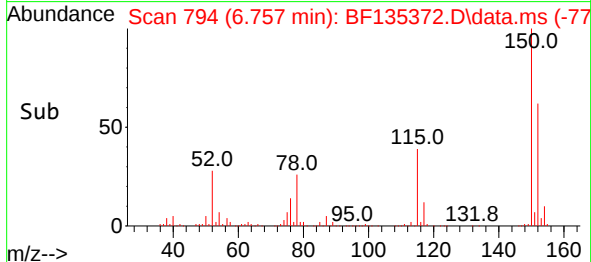
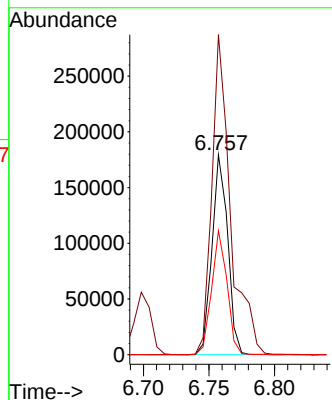
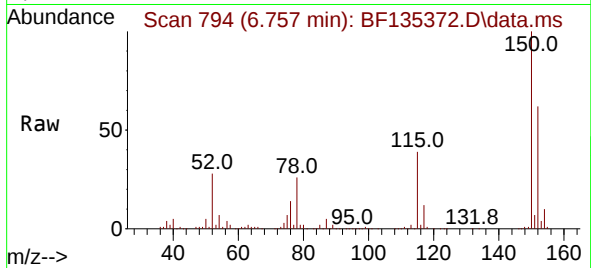




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF135372.D
 Acq: 21 Sep 2023 10:52

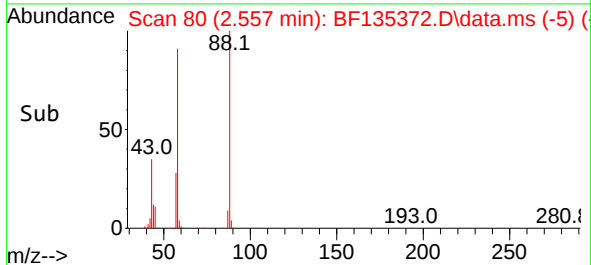
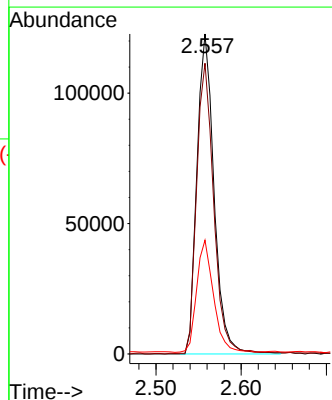
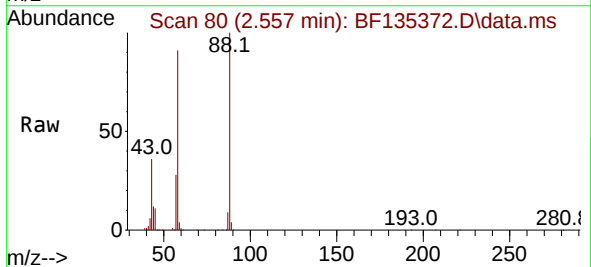
Instrument :
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Tgt Ion:152 Resp: 150088
 Ion Ratio Lower Upper
 152 100
 150 160.1 127.8 191.6
 115 62.1 49.8 74.8



#2
 1,4-Dioxane
 Concen: 42.434 ng
 RT: 2.557 min Scan# 80
 Delta R.T. 0.088 min
 Lab File: BF135372.D
 Acq: 21 Sep 2023 10:52

Tgt Ion: 88 Resp: 171661
 Ion Ratio Lower Upper
 88 100
 58 91.2 78.3 117.5
 43 34.3 29.4 44.0

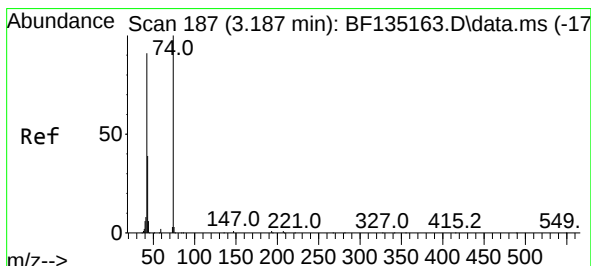
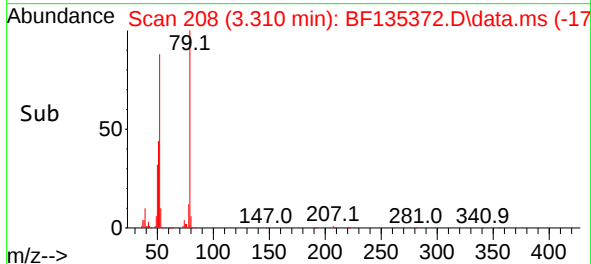
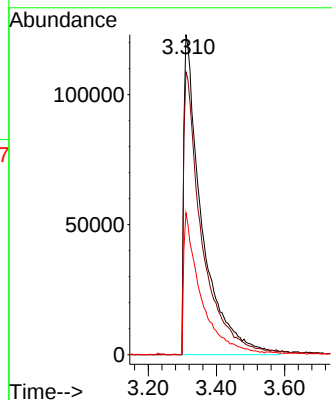
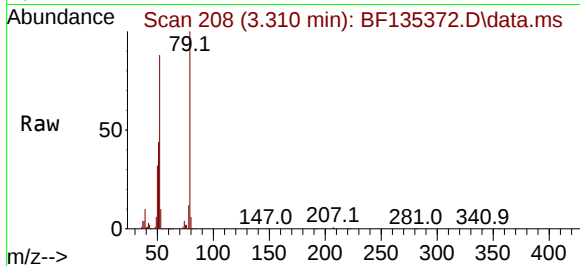




#3
Pyridine
Concen: 41.425 ng
RT: 3.310 min Scan# 20
Delta R.T. 0.094 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

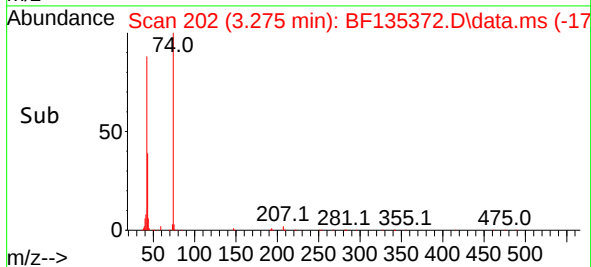
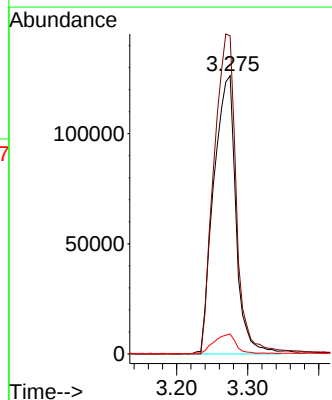
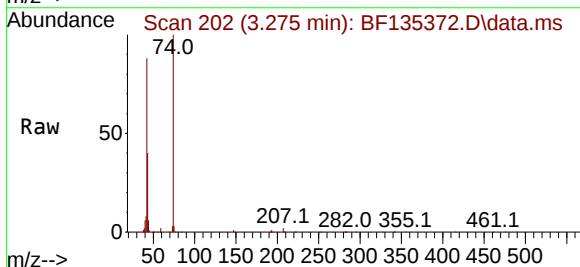
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ClientSampleId :
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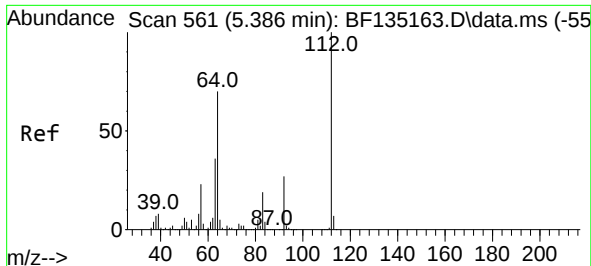
Tgt Ion: 79 Resp: 451018
Ion Ratio Lower Upper
79 100
52 88.3 74.1 111.1
51 44.3 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 47.467 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.088 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

Tgt Ion: 42 Resp: 274246
Ion Ratio Lower Upper
42 100
74 114.3 87.7 131.5
44 7.2 5.6 8.4

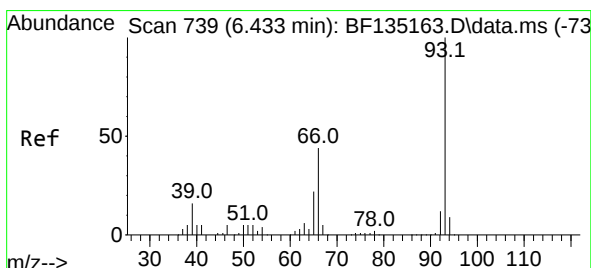
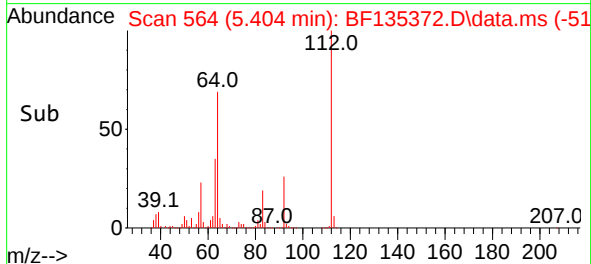
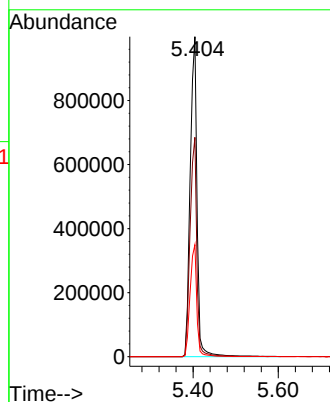
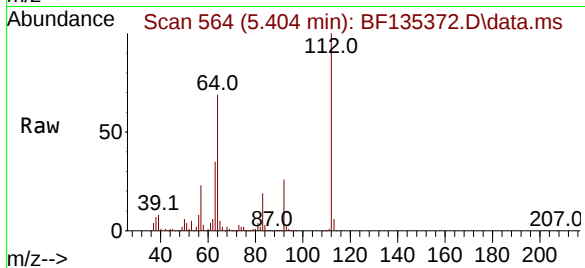




#5
2-Fluorophenol
Concen: 120.868 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

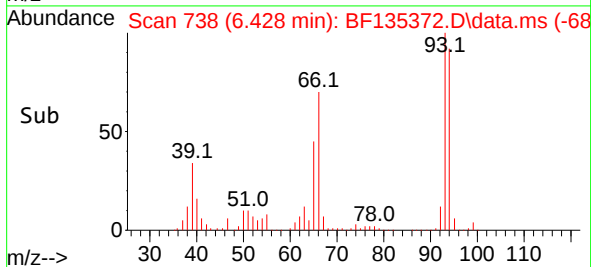
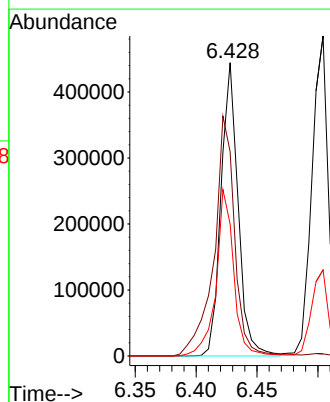
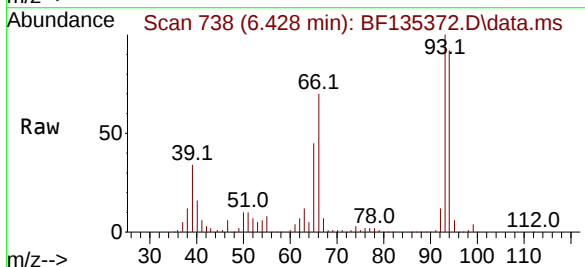
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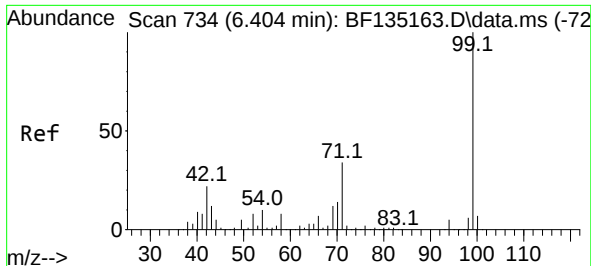
Tgt Ion:112 Resp: 1115369
Ion Ratio Lower Upper
112 100
64 68.6 55.9 83.9
63 35.0 29.0 43.6



#6
Aniline
Concen: 28.258 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

Tgt Ion: 93 Resp: 434813
Ion Ratio Lower Upper
93 100
66 69.6 35.4 53.0#
65 45.0 17.8 26.8#

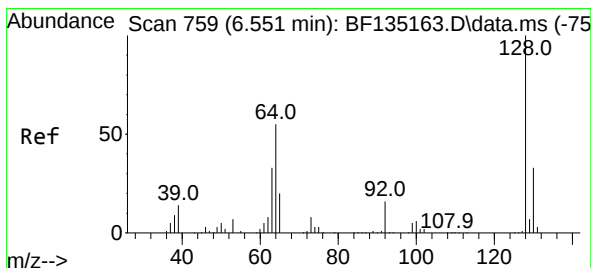
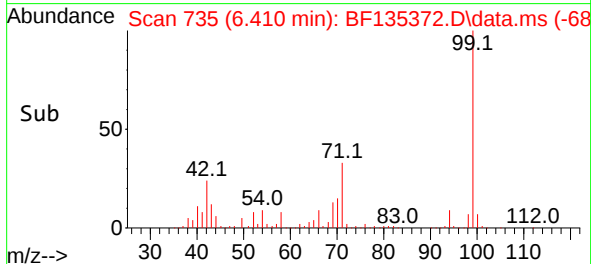
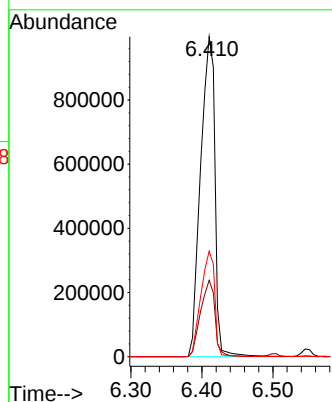
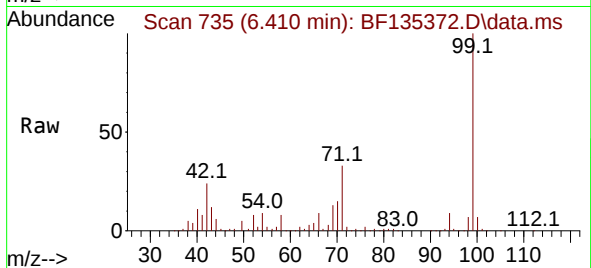




#7
Phenol-d6
Concen: 119.572 ng
RT: 6.410 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF135372.D
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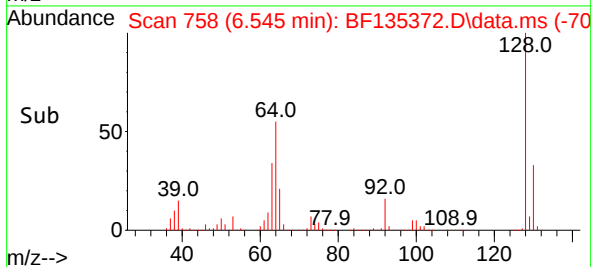
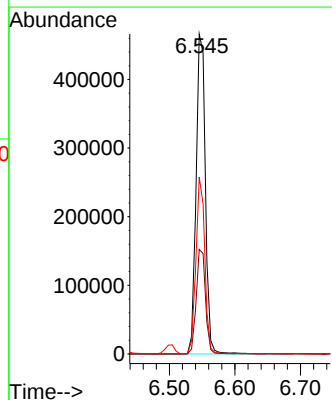
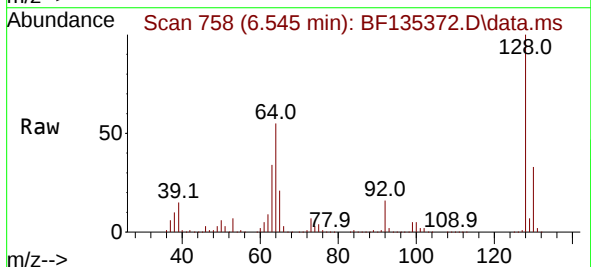
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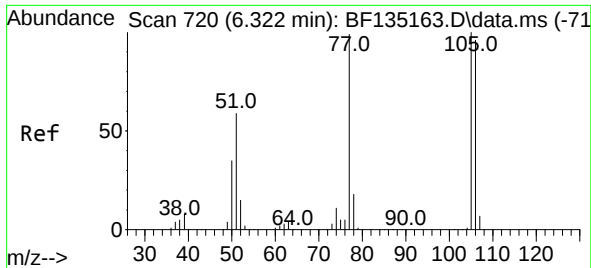
Tgt Ion: 99 Resp: 1403049
Ion Ratio Lower Upper
99 100
42 23.9 17.9 26.9
71 33.0 27.0 40.6



#8
2-Chlorophenol
Concen: 46.727 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

Tgt Ion:128 Resp: 460306
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 55.3 35.9 75.9





#9

Benzaldehyde

Concen: 26.012 ng

RT: 6.316 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

Instrument :

BNA_F

ClientSampleId :

PB155710BS

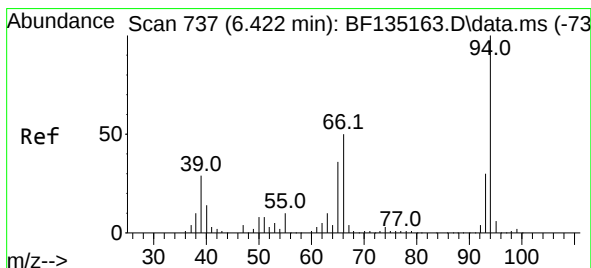
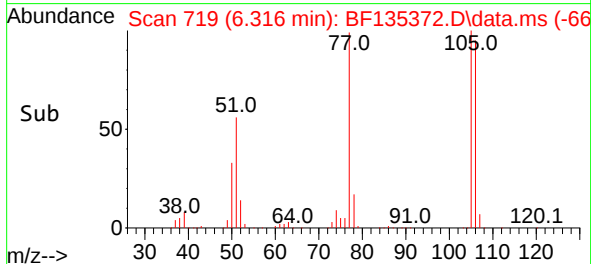
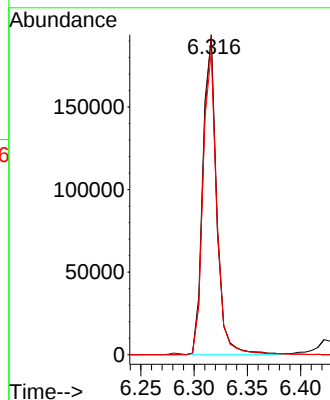
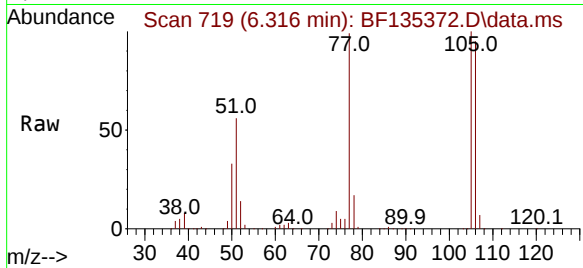
Tgt Ion: 77 Resp: 173880

Ion Ratio Lower Upper

77 100

105 101.1 81.4 121.4

106 95.6 76.9 116.9



#10

Phenol

Concen: 39.516 ng

RT: 6.422 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

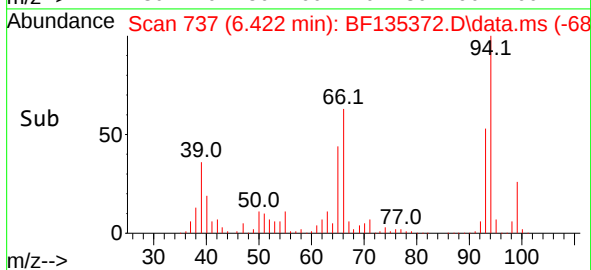
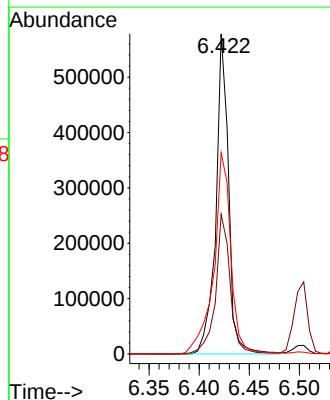
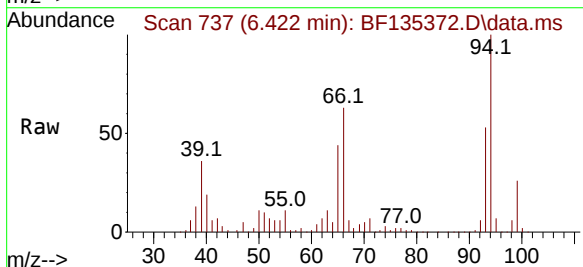
Tgt Ion: 94 Resp: 508441

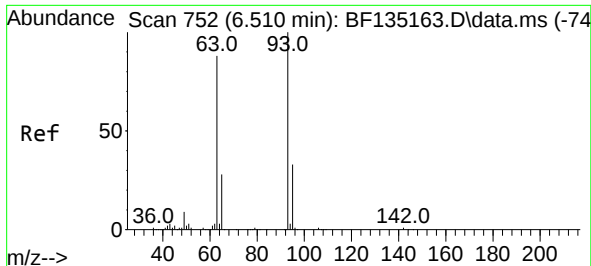
Ion Ratio Lower Upper

94 100

65 43.6 15.9 55.9

66 62.9 29.8 69.8

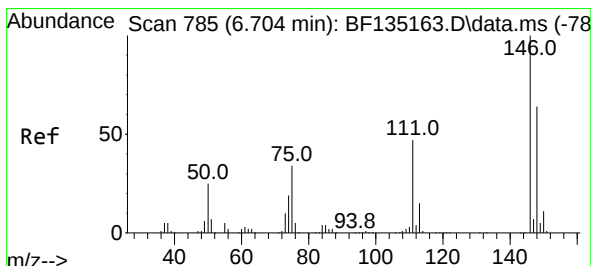
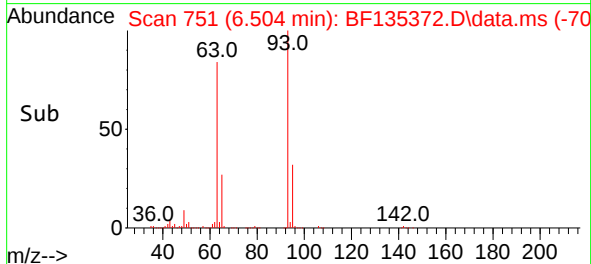
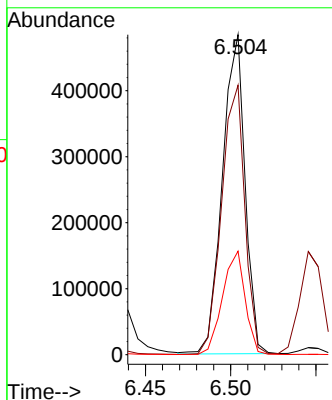
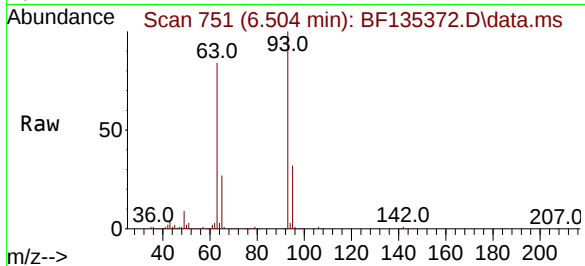




#11
bis(2-Chloroethyl)ether
Concen: 46.411 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

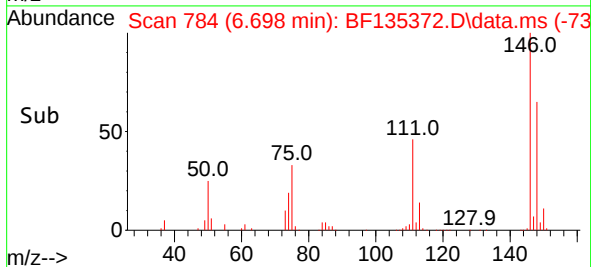
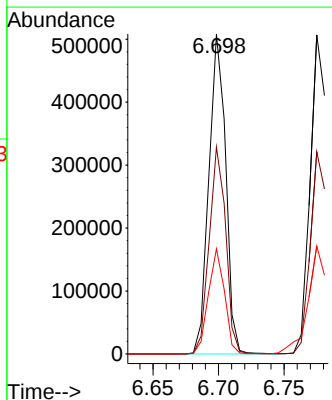
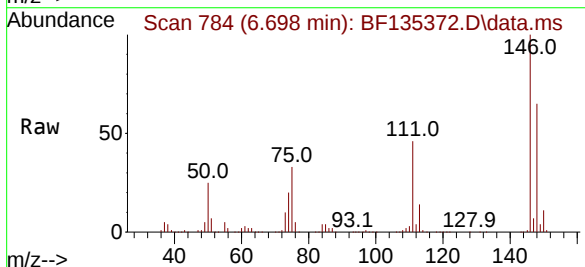
Instrument :
BNA_F
ClientSampleId :
PB155710BS

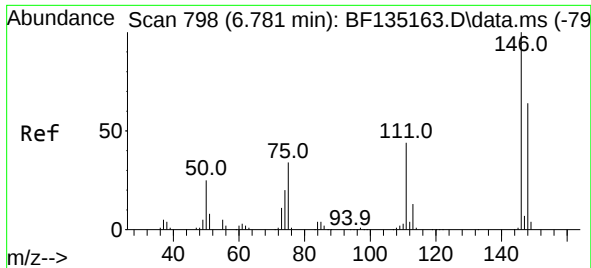
Tgt Ion: 93 Resp: 447934
Ion Ratio Lower Upper
93 100
63 84.2 67.3 107.3
95 32.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 45.324 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

Tgt Ion:146 Resp: 453760
Ion Ratio Lower Upper
146 100
148 64.7 51.3 76.9
75 32.9 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 44.520 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

Instrument :

BNA_F

ClientSampleId :

PB155710BS

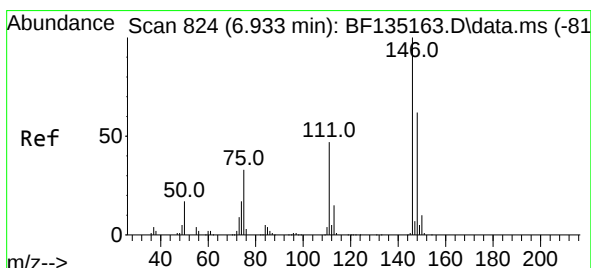
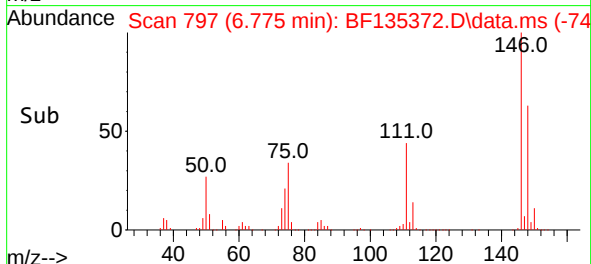
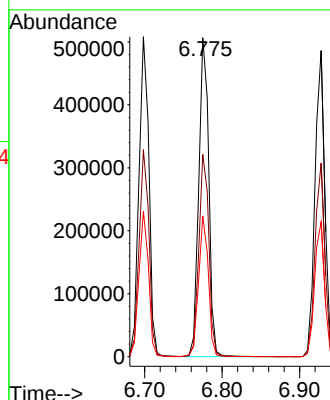
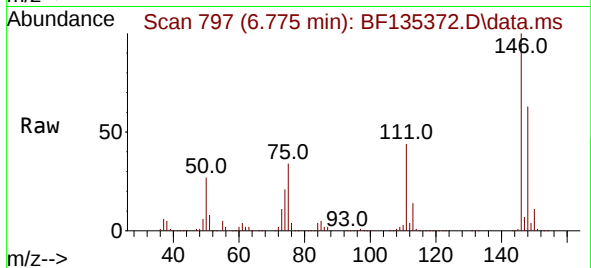
Tgt Ion:146 Resp: 453461

Ion Ratio Lower Upper

146 100

148 63.4 51.3 76.9

111 44.1 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 45.121 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

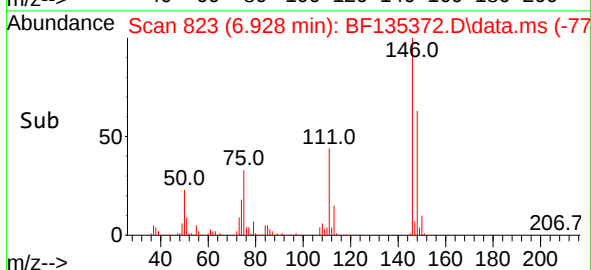
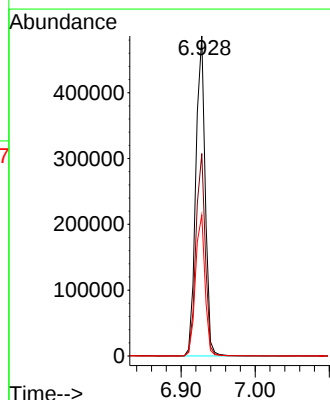
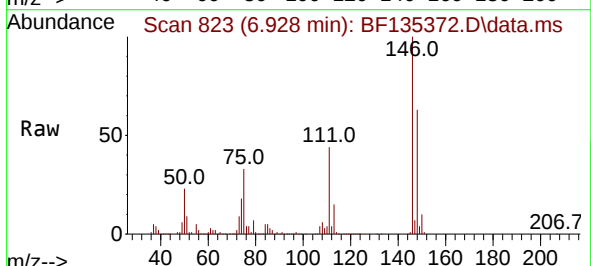
Tgt Ion:146 Resp: 426796

Ion Ratio Lower Upper

146 100

148 63.3 49.7 74.5

111 44.1 37.4 56.2

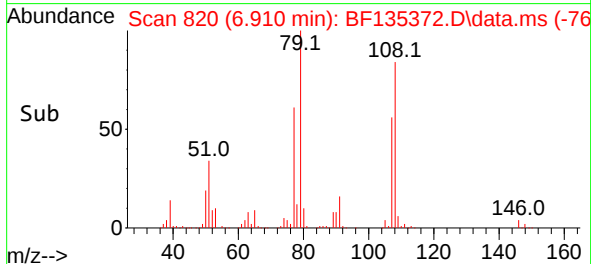
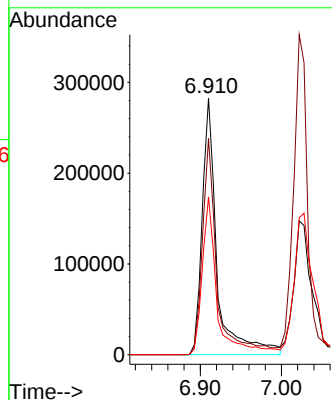
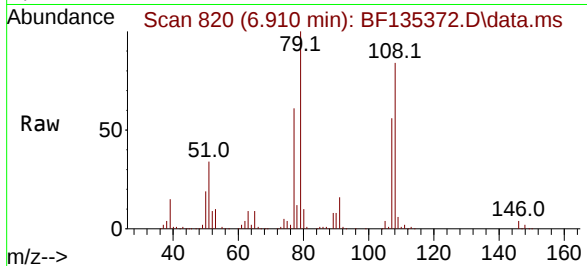




#15
Benzyl Alcohol
Concen: 42.944 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

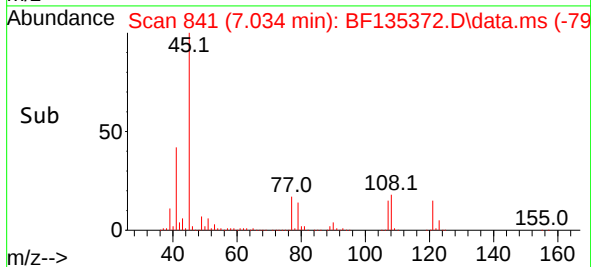
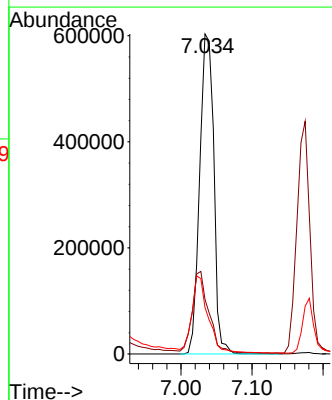
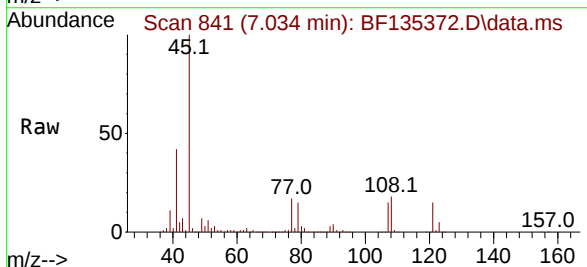
Instrument :
BNA_F
ClientSampleId :
PB155710BS

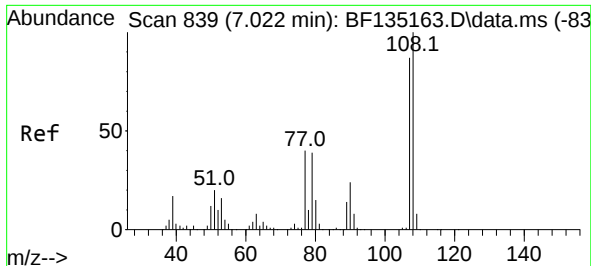
Tgt Ion: 79 Resp: 361591
Ion Ratio Lower Upper
79 100
108 84.2 61.2 91.8
77 61.5 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.920 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

Tgt Ion: 45 Resp: 835380
Ion Ratio Lower Upper
45 100
77 17.1 0.0 30.6
79 14.5 0.0 28.3

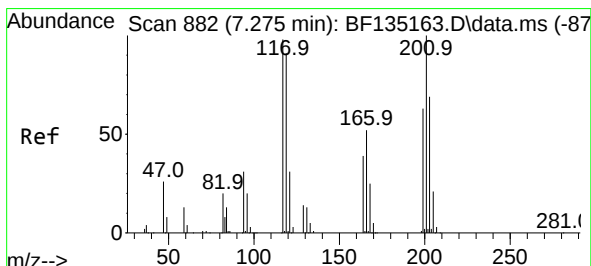
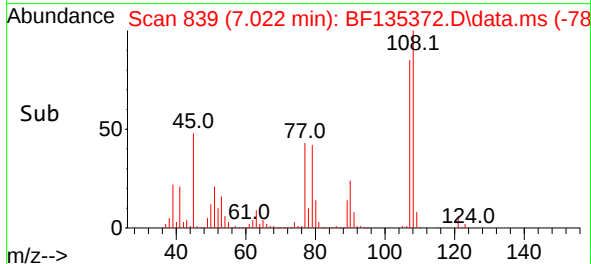
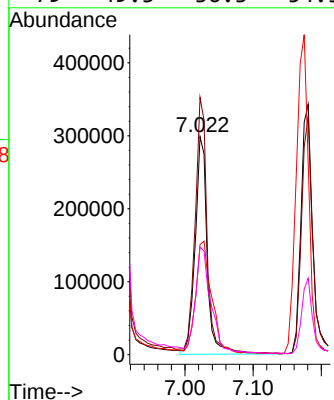
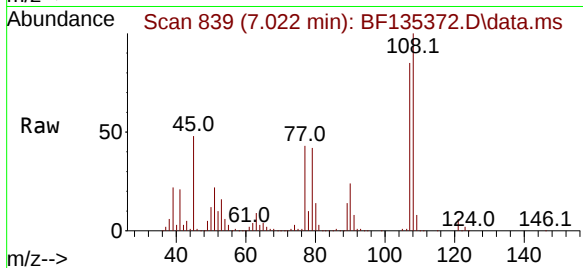




#17
2-Methylphenol
Concen: 41.955 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

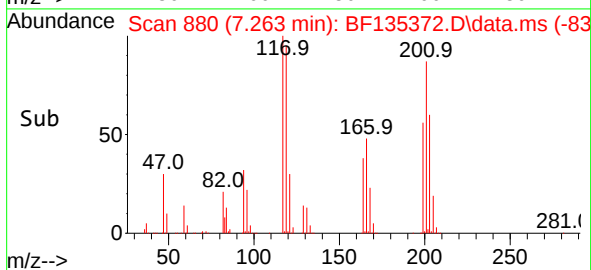
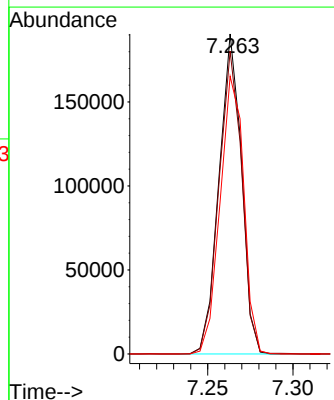
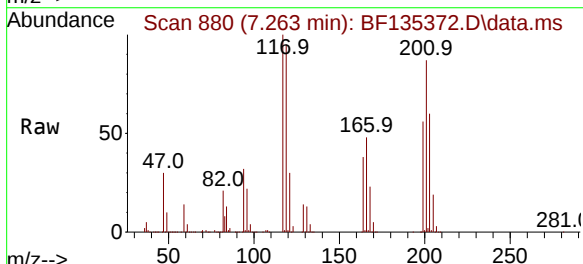
Instrument :
BNA_F
ClientSampleId :
PB155710BS

Tgt Ion:	107	Resp:	364714
Ion	Ratio	Lower	Upper
107	100		
108	117.9	92.0	138.0
77	50.5	36.7	55.1
79	49.3	36.3	54.5



#18
Hexachloroethane
Concen: 46.375 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

Tgt Ion:	117	Resp:	174530
Ion	Ratio	Lower	Upper
117	100		
119	94.7	74.7	112.1
201	86.8	81.8	122.8

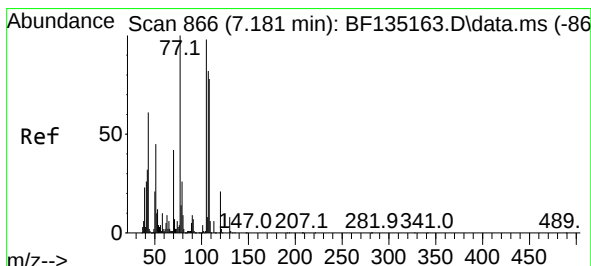
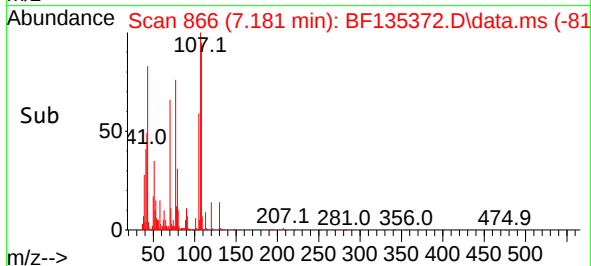
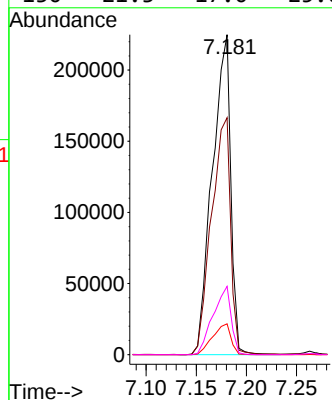
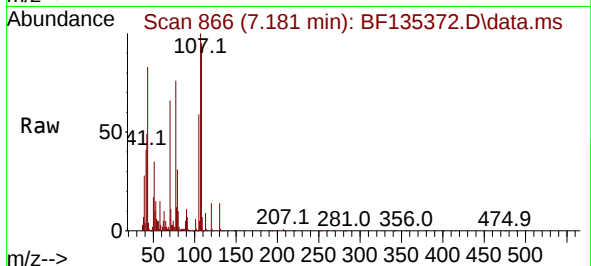




#19
n-Nitroso-di-n-propylamine
Concen: 39.493 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

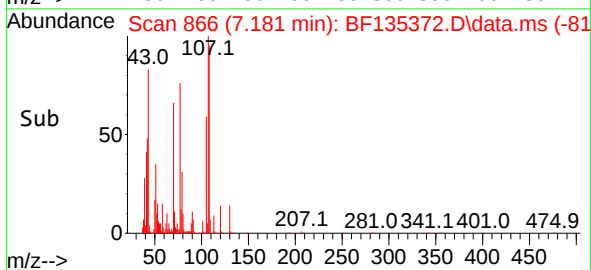
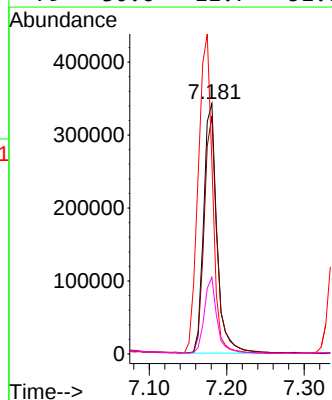
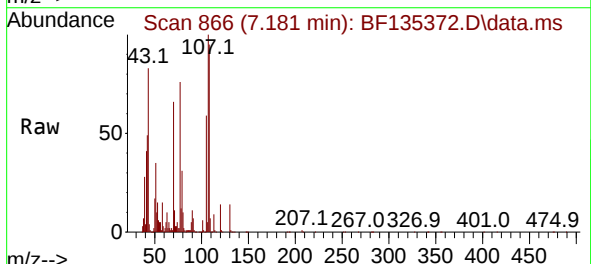
Instrument :
BNA_F
ClientSampleId :
PB155710BS

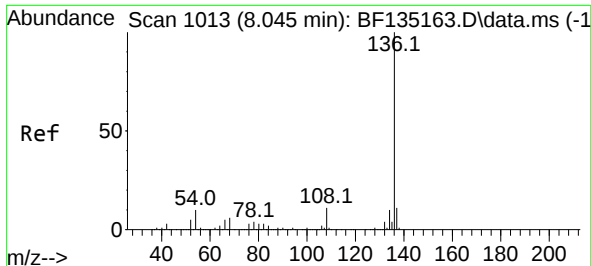
Tgt Ion: 70 Resp: 287033
Ion Ratio Lower Upper
70 100
42 74.1 55.4 83.0
101 9.7 7.7 11.5
130 21.3 17.0 25.6



#20
3+4-Methylphenols
Concen: 39.118 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

Tgt Ion:107 Resp: 408902
Ion Ratio Lower Upper
107 100
108 95.0 74.7 114.7
77 76.4 102.0 142.0#
79 30.6 11.7 51.7

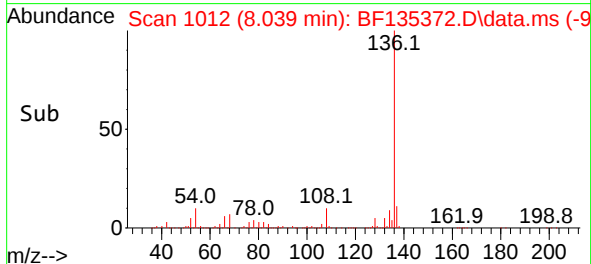
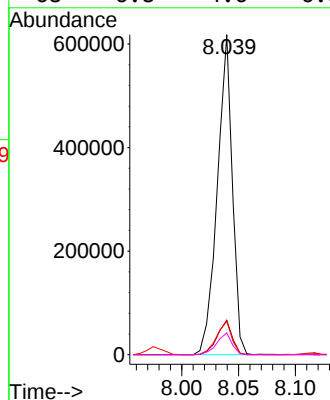
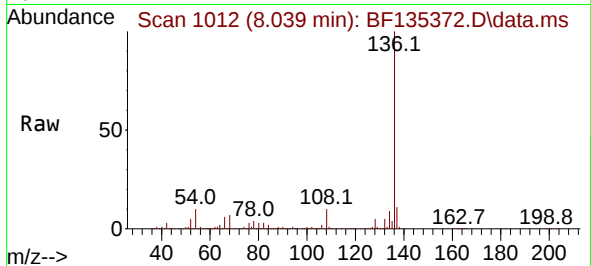




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

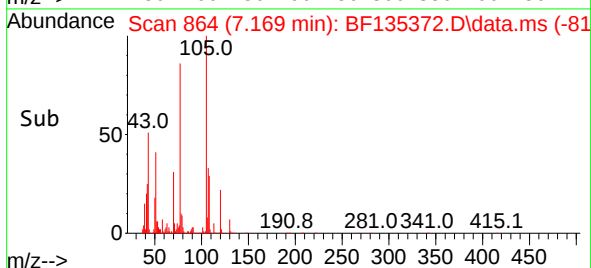
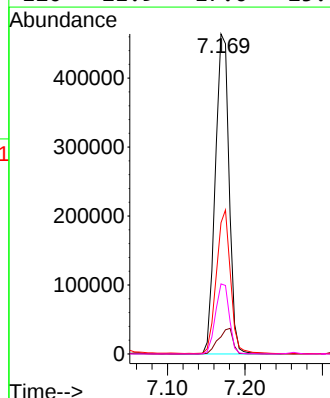
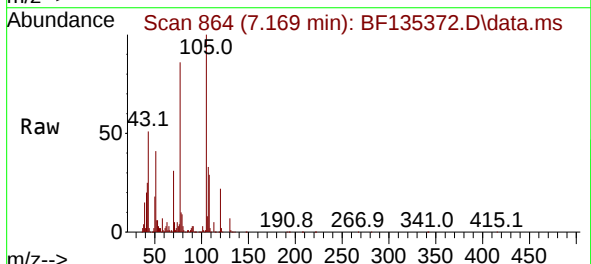
Instrument :
BNA_F
ClientSampleId :
PB155710BS

Tgt Ion:136 Resp: 570727
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.4 7.7 11.5
68 6.8 4.6 6.8



#22
Acetophenone
Concen: 43.885 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

Tgt Ion:105 Resp: 572626
Ion Ratio Lower Upper
105 100
71 5.4 5.8 8.6#
51 41.0 37.0 55.4
120 21.9 17.0 25.6





#23

Nitrobenzene-d5

Concen: 87.629 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

Instrument :

BNA_F

ClientSampleId :

PB155710BS

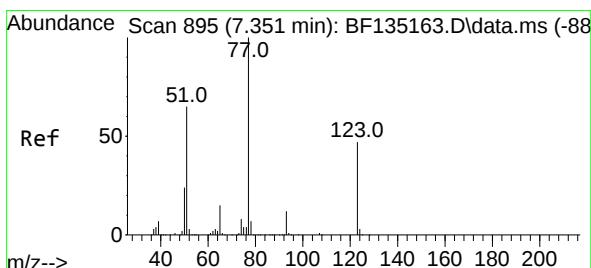
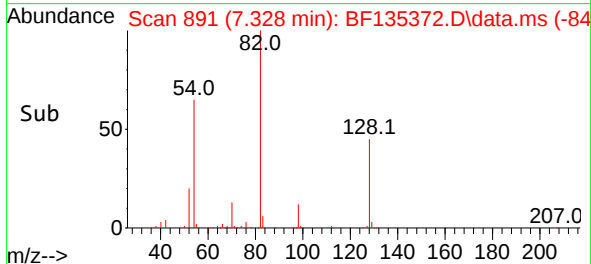
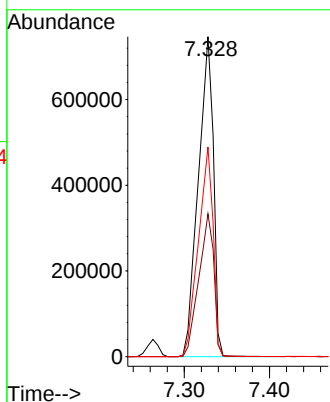
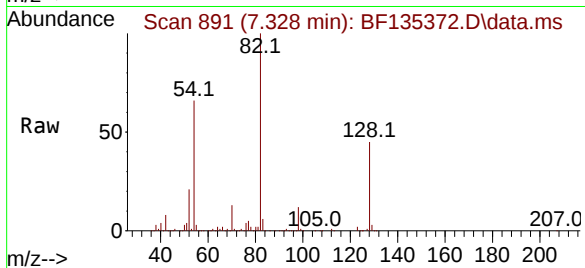
Tgt Ion: 82 Resp: 920539

Ion Ratio Lower Upper

82 100

128 44.6 35.8 53.6

54 65.5 50.6 76.0



#24

Nitrobenzene

Concen: 45.261 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

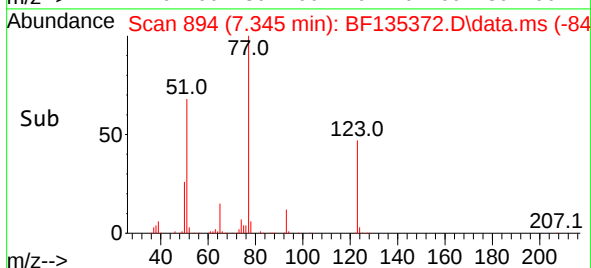
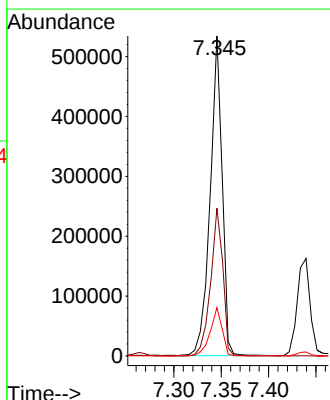
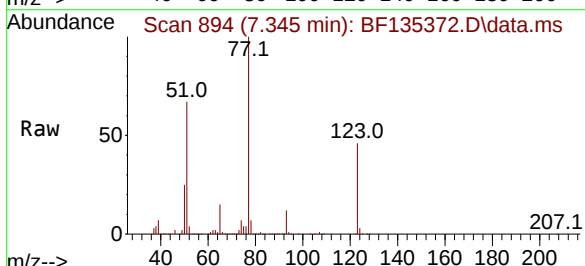
Tgt Ion: 77 Resp: 469944

Ion Ratio Lower Upper

77 100

123 46.2 37.6 56.4

65 15.1 12.2 18.4

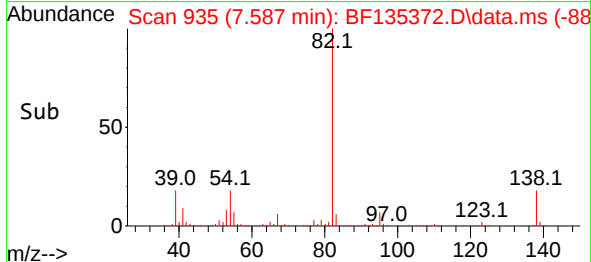
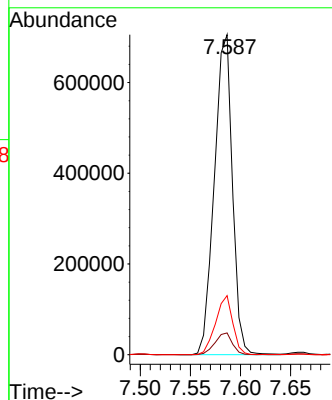
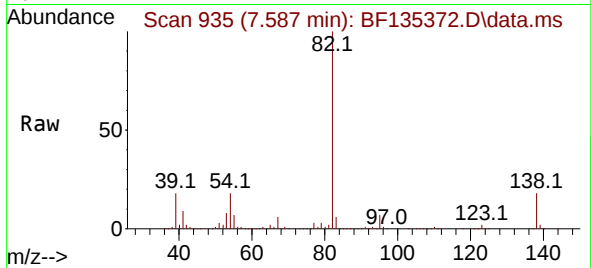




#25
Isophorone
Concen: 45.710 ng
RT: 7.587 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

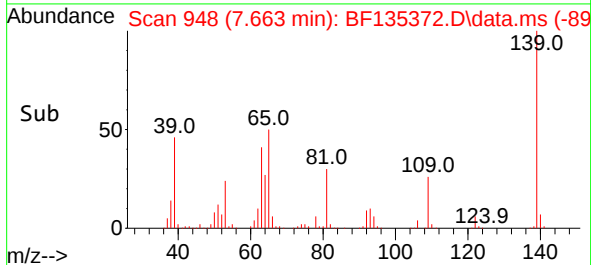
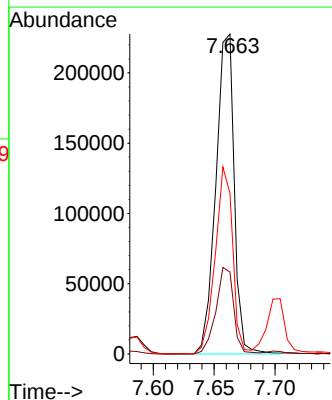
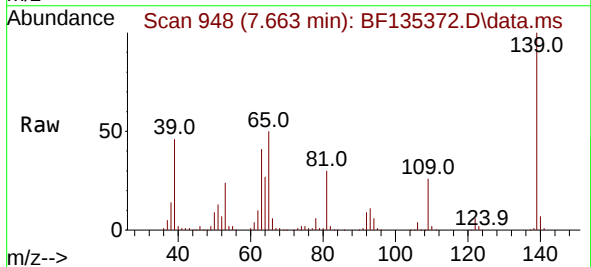
Instrument :
BNA_F
ClientSampleId :
PB155710BS

Tgt Ion: 82 Resp: 881742
Ion Ratio Lower Upper
82 100
95 6.8 6.0 9.0
138 18.4 14.5 21.7



#26
2-Nitrophenol
Concen: 48.211 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

Tgt Ion: 139 Resp: 240249
Ion Ratio Lower Upper
139 100
109 25.6 22.6 33.8
65 50.2 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 46.997 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135372.D

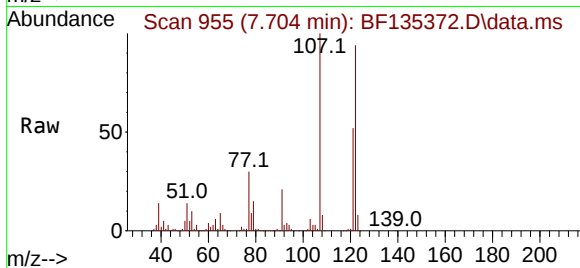
Acq: 21 Sep 2023 10:52

Instrument :

BNA_F

ClientSampleId :

PB155710BS



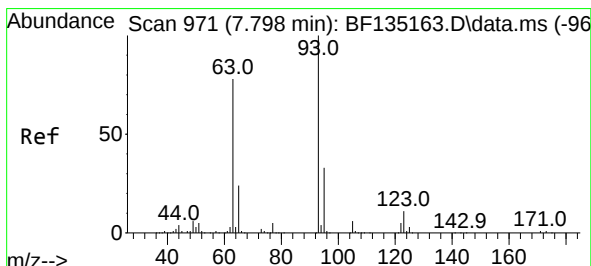
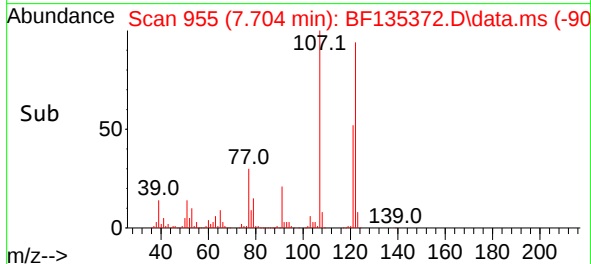
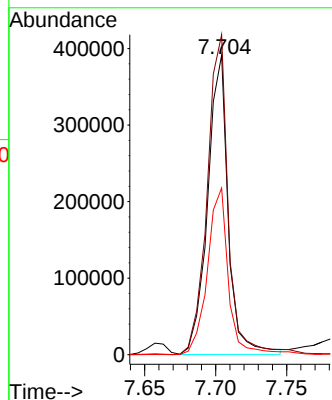
Tgt Ion:122 Resp: 393661

Ion Ratio Lower Upper

122 100

107 106.8 90.2 135.4

121 55.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 47.202 ng

RT: 7.792 min Scan# 970

Delta R.T. -0.006 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

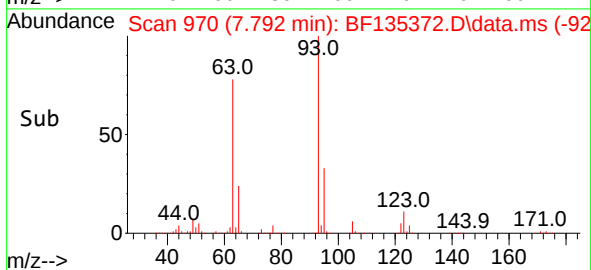
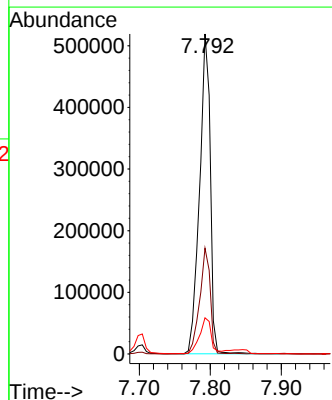
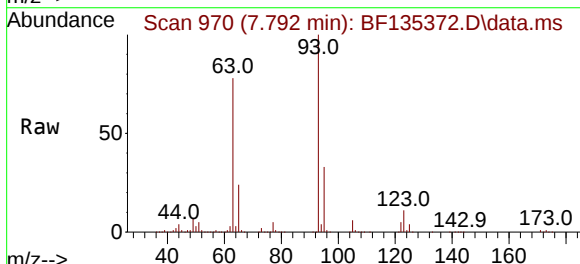
Tgt Ion: 93 Resp: 544971

Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.2

123 11.3 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 45.580 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

Instrument :

BNA_F

ClientSampleId :

PB155710BS

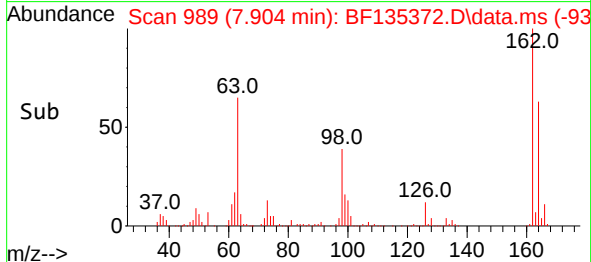
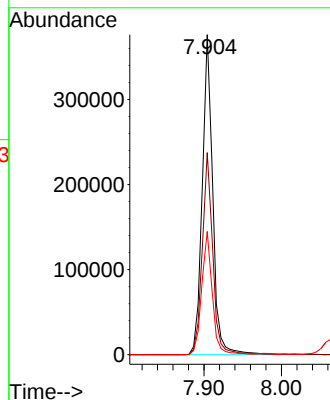
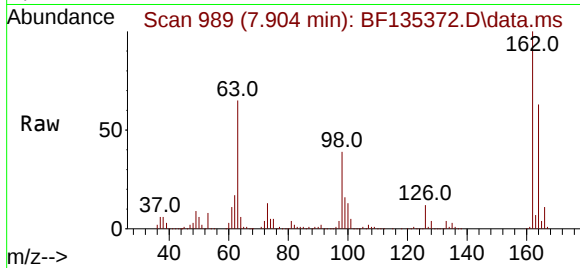
Tgt Ion:162 Resp: 353773

Ion Ratio Lower Upper

162 100

164 63.2 44.1 84.1

98 38.5 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 46.122 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

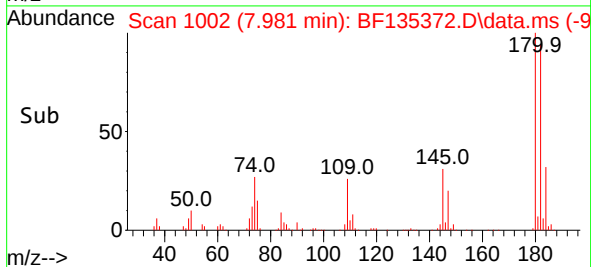
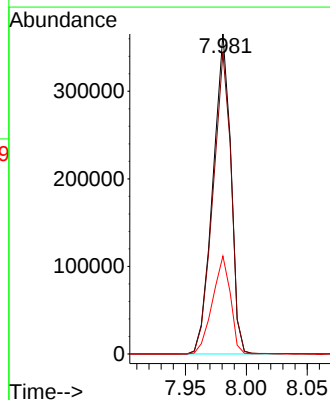
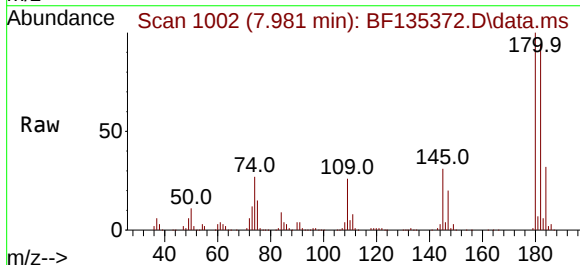
Tgt Ion:180 Resp: 374176

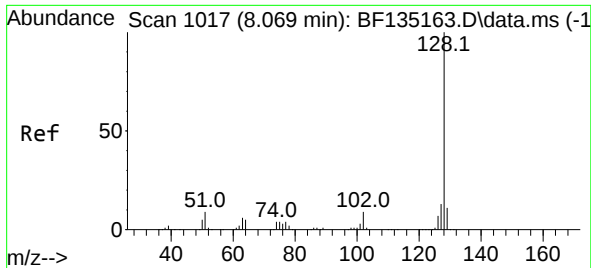
Ion Ratio Lower Upper

180 100

182 94.2 76.9 115.3

145 30.6 24.5 36.7

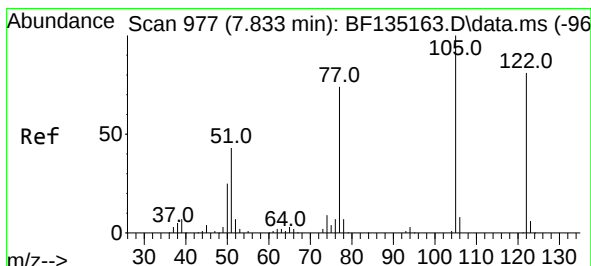
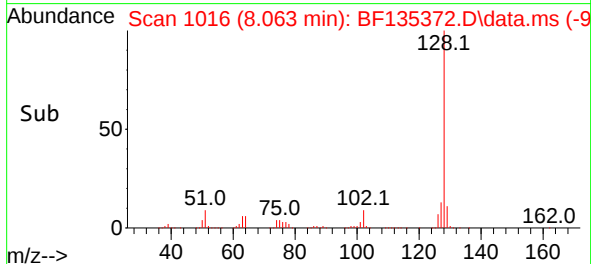
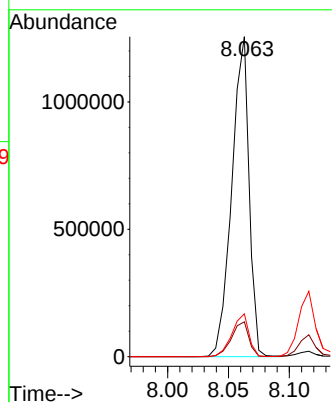
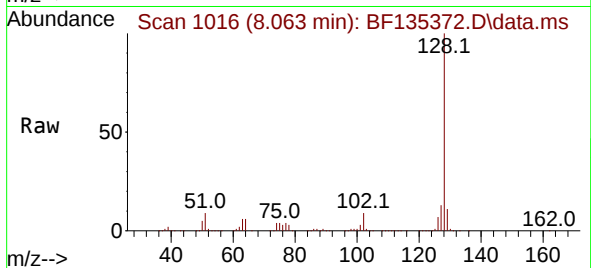




#31
Naphthalene
Concen: 44.718 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

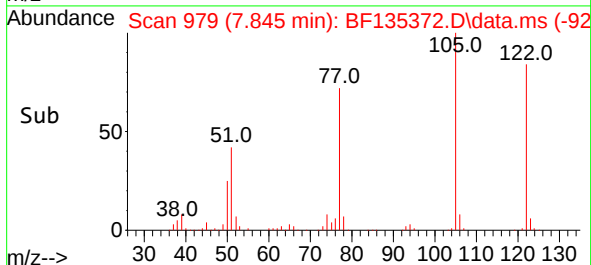
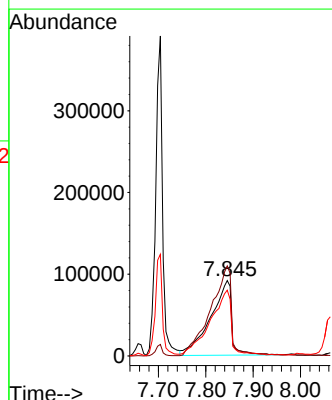
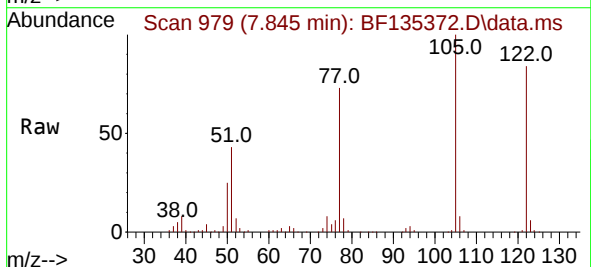
Instrument :
BNA_F
ClientSampleId :
PB155710BS

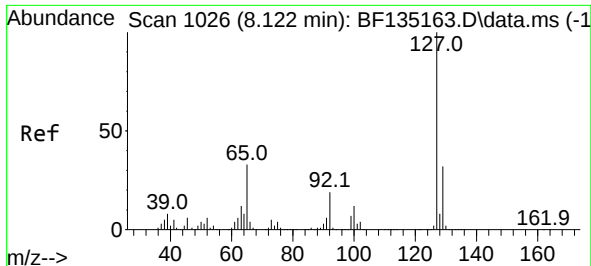
Tgt Ion:128 Resp: 1240019
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 45.003 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.012 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

Tgt Ion:122 Resp: 283856
Ion Ratio Lower Upper
122 100
105 119.5 99.9 139.9
77 87.3 70.0 110.0

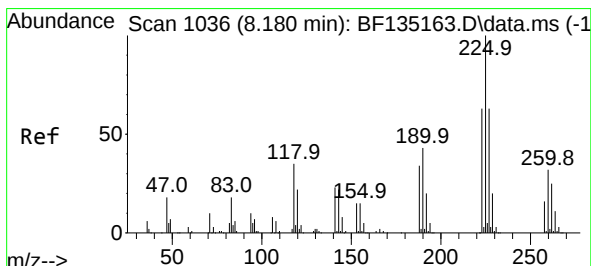
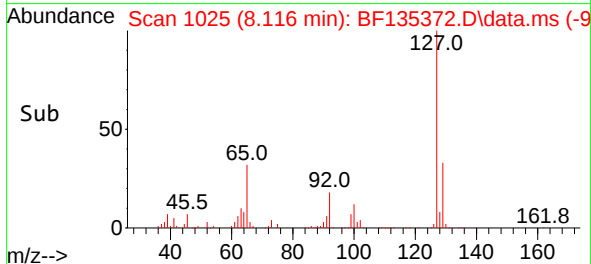
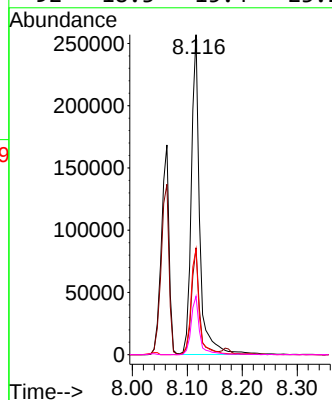
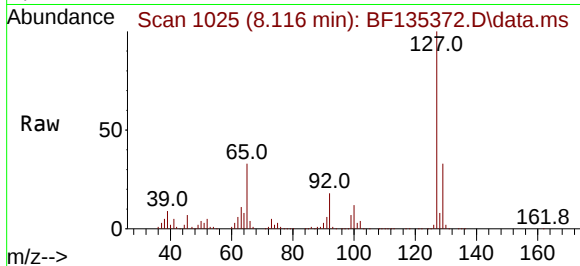




#33
4-Chloroaniline
Concen: 22.380 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

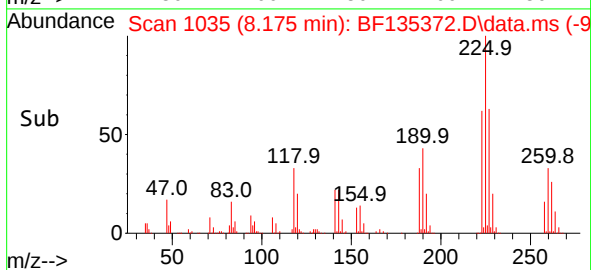
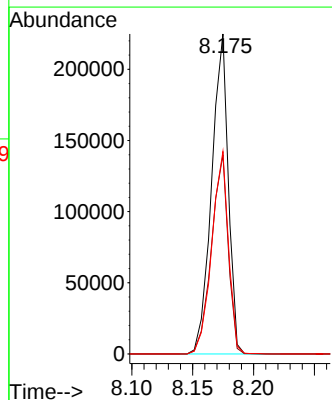
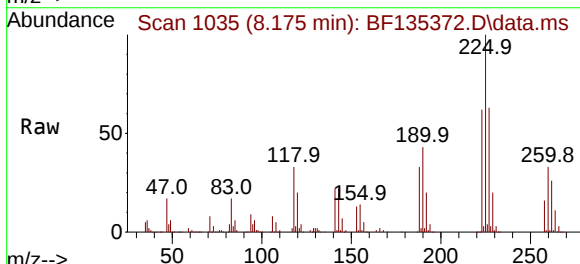
Instrument :
BNA_F
ClientSampleId :
PB155710BS

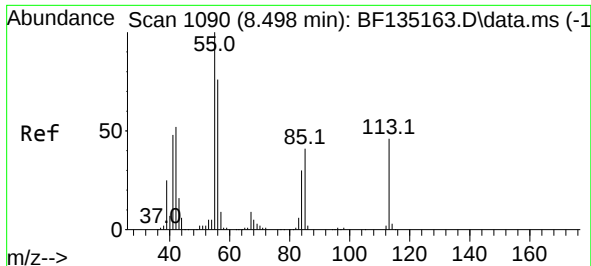
Tgt Ion:	127	Resp:	272278
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.8	38.8
65	33.0	26.6	39.8
92	18.3	15.4	23.2



#34
Hexachlorobutadiene
Concen: 43.682 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

Tgt Ion:	225	Resp:	213685
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	75.8
227	63.3	50.8	76.2

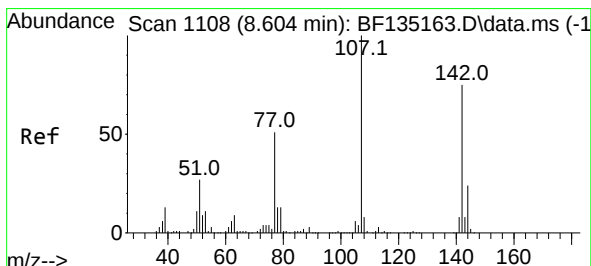
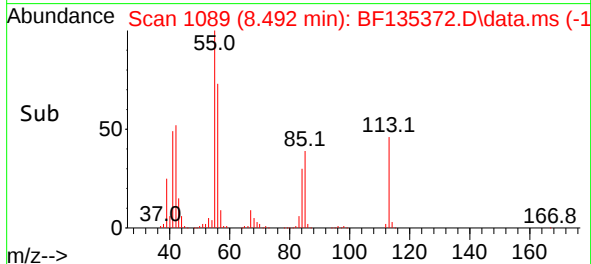
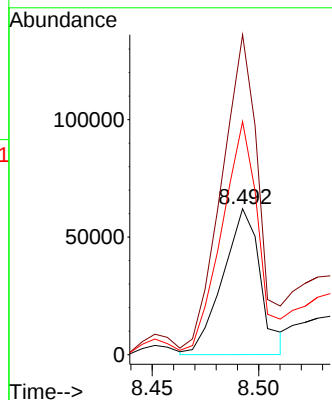
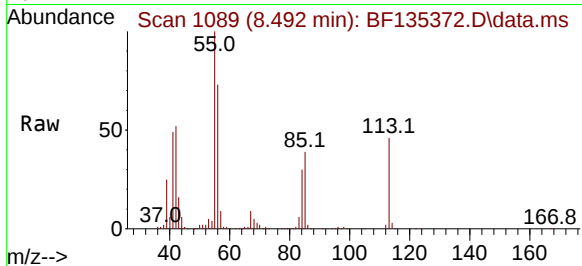




#35
Caprolactam
Concen: 29.233 ng
RT: 8.492 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

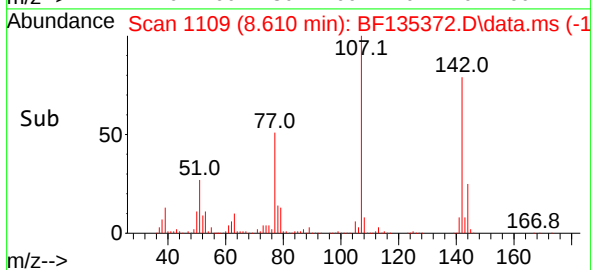
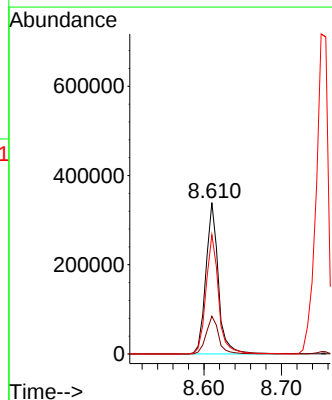
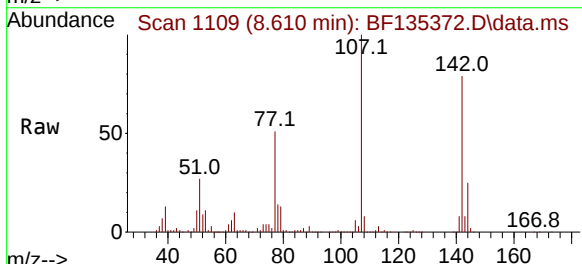
Instrument :
BNA_F
ClientSampleId :
PB155710BS

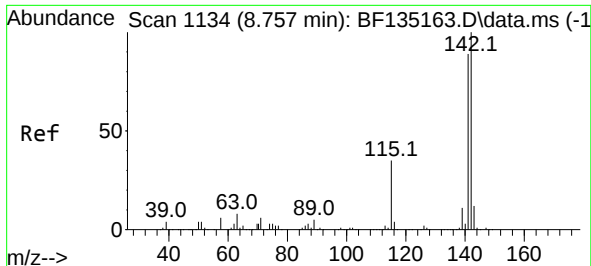
Tgt Ion:113 Resp: 76149
Ion Ratio Lower Upper
113 100
55 219.3 199.3 239.3
56 159.7 146.3 186.3



#36
4-Chloro-3-methylphenol
Concen: 43.822 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

Tgt Ion:107 Resp: 378032
Ion Ratio Lower Upper
107 100
144 25.0 19.0 28.4
142 78.8 60.2 90.2





#37

2-Methylnaphthalene

Concen: 41.712 ng

RT: 8.751 min Scan# 1134

Delta R.T. -0.006 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

Instrument :

BNA_F

ClientSampleId :

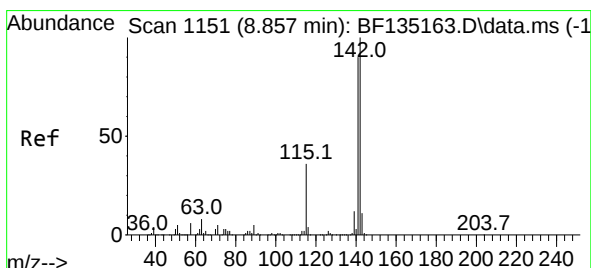
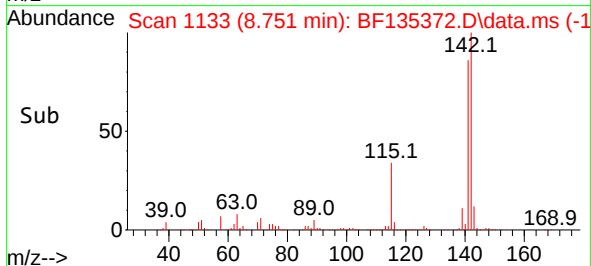
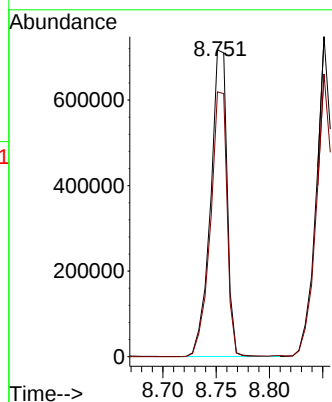
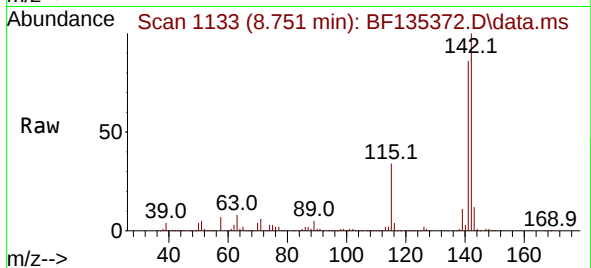
PB155710BS

Tgt Ion:142 Resp: 777502

Ion Ratio Lower Upper

142 100

141 86.3 71.0 106.6



#38

1-Methylnaphthalene

Concen: 41.887 ng

RT: 8.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF135372.D

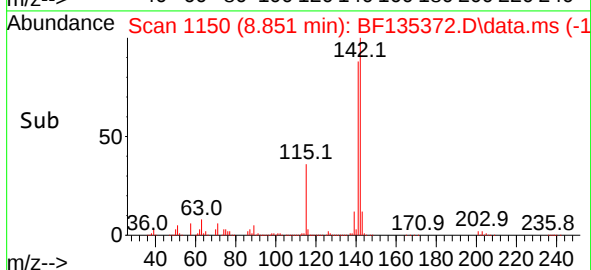
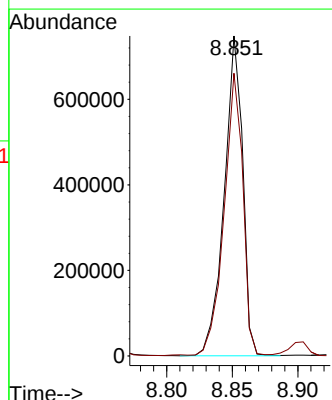
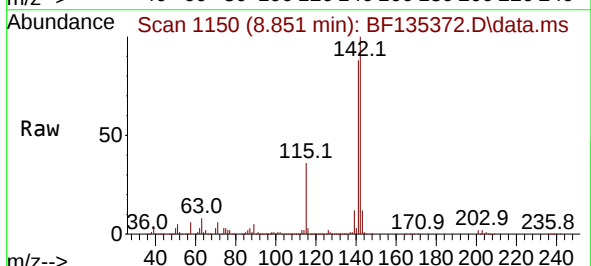
Acq: 21 Sep 2023 10:52

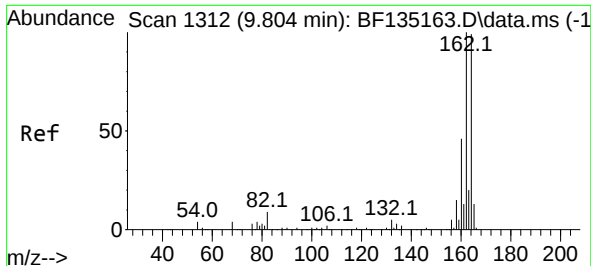
Tgt Ion:142 Resp: 730992

Ion Ratio Lower Upper

142 100

141 88.3 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

Instrument :

BNA_F

ClientSampleId :

PB155710BS

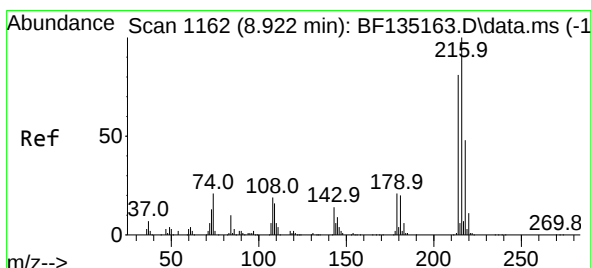
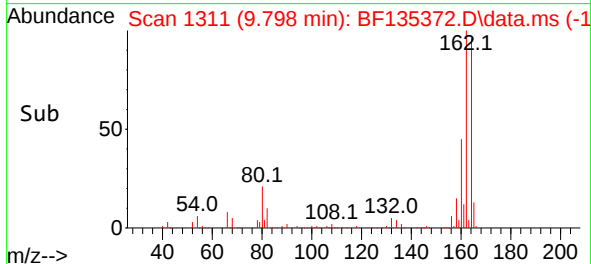
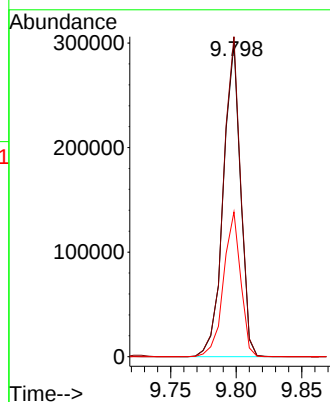
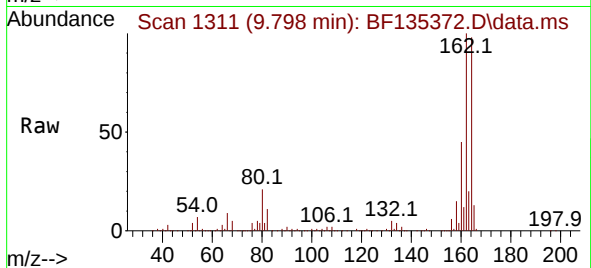
Tgt Ion:164 Resp: 272813

Ion Ratio Lower Upper

164 100

162 101.9 81.0 121.4

160 46.1 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.013 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

Tgt Ion:216 Resp: 363671

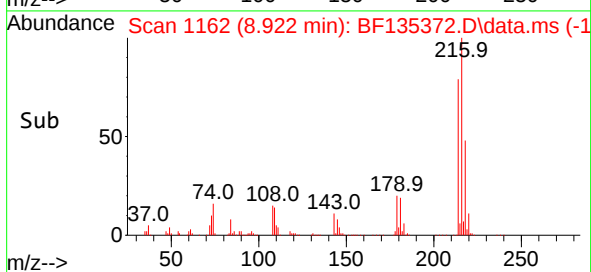
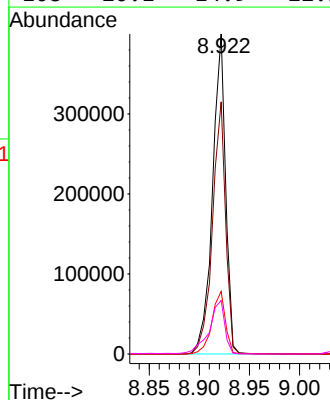
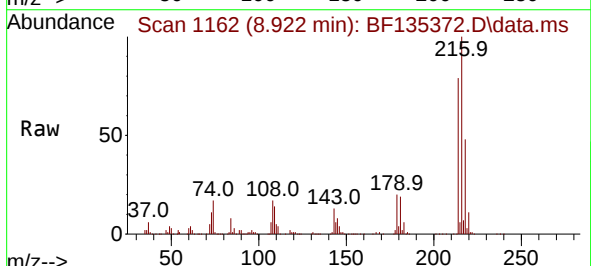
Ion Ratio Lower Upper

216 100

214 79.1 63.7 95.5

179 20.2 16.7 25.1

108 20.1 14.9 22.3

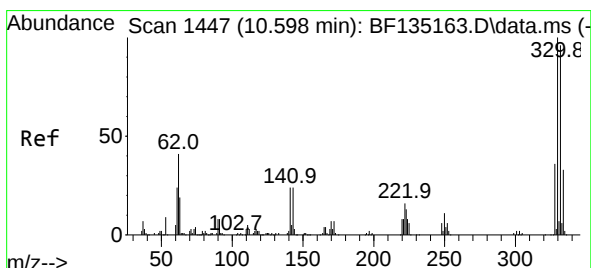
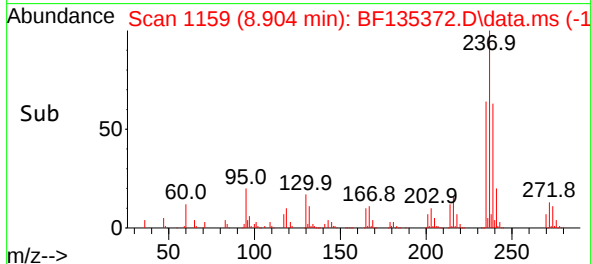
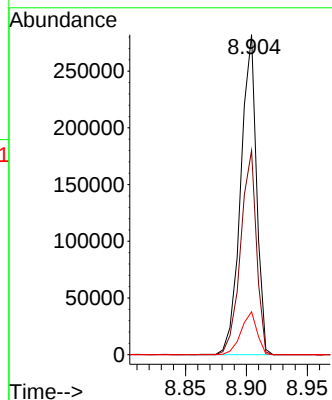
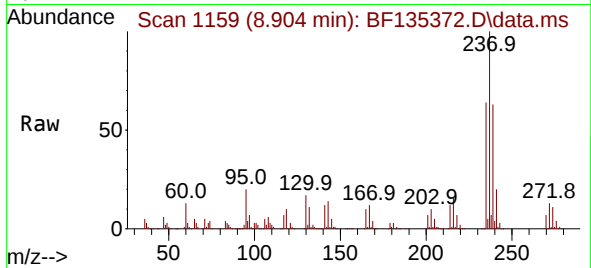




#41
Hexachlorocyclopentadiene
Concen: 73.831 ng
RT: 8.904 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

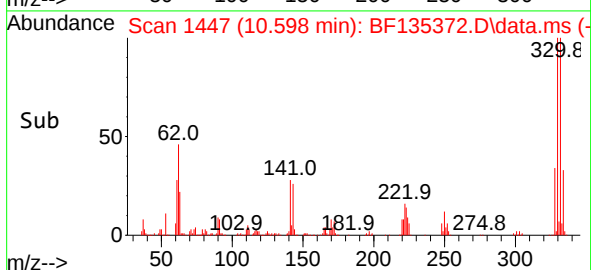
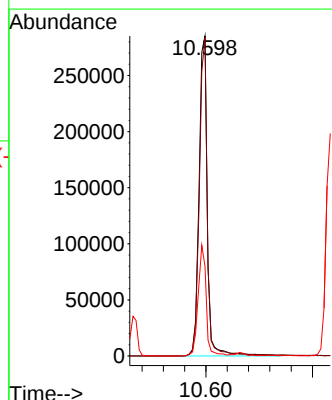
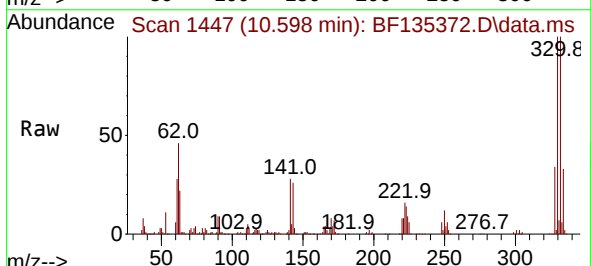
Instrument :
BNA_F
ClientSampleId :
PB155710BS

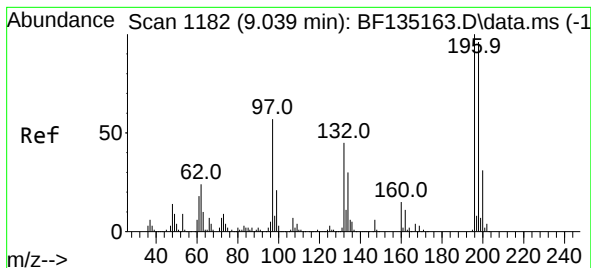
Tgt Ion:237 Resp: 254935
Ion Ratio Lower Upper
237 100
235 63.8 41.8 81.8
272 13.4 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 113.684 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

Tgt Ion:330 Resp: 308209
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 33.6 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 45.380 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

Instrument :

BNA_F

ClientSampleId :

PB155710BS

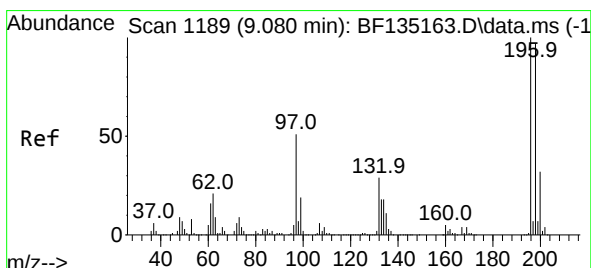
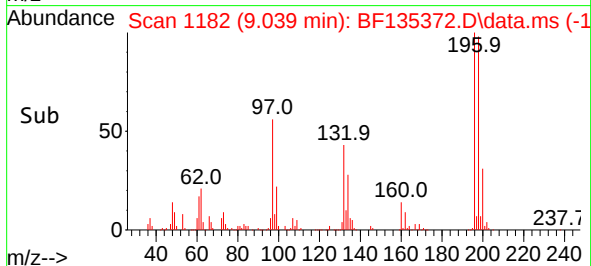
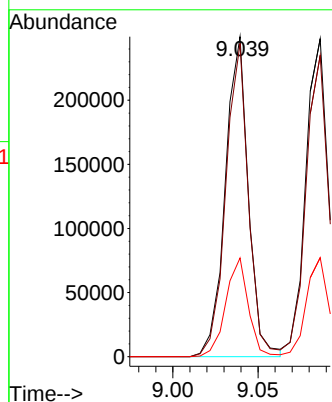
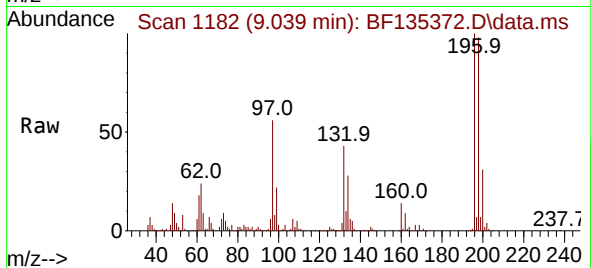
Tgt Ion:196 Resp: 234832

Ion Ratio Lower Upper

196 100

198 97.9 77.0 115.6

200 30.9 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 43.025 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

Tgt Ion:196 Resp: 256401

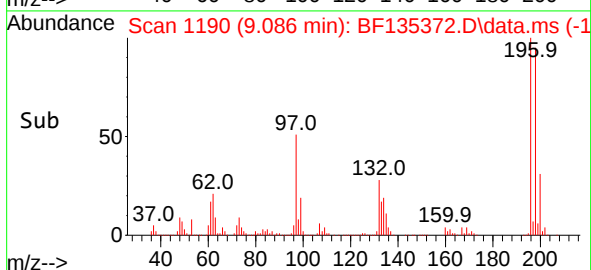
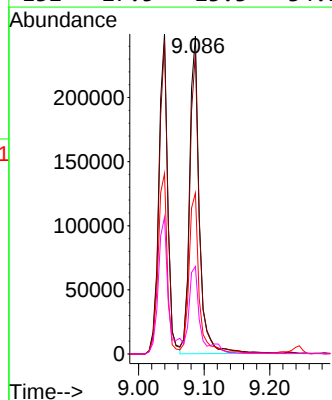
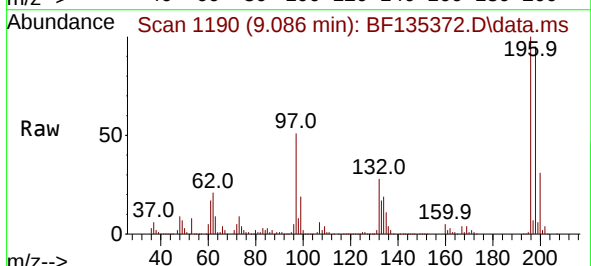
Ion Ratio Lower Upper

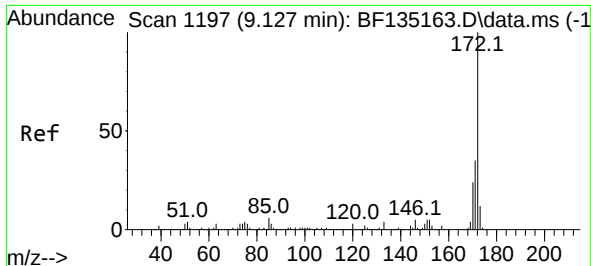
196 100

198 94.7 77.5 116.3

97 50.6 40.5 60.7

132 27.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 81.385 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

Instrument :

BNA_F

ClientSampleId :

PB155710BS

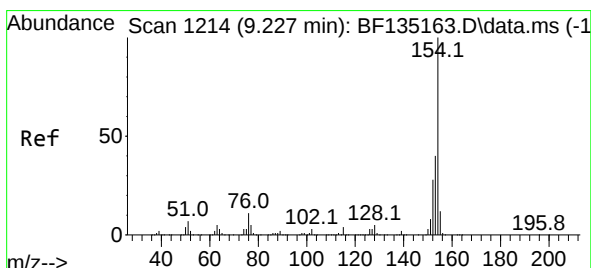
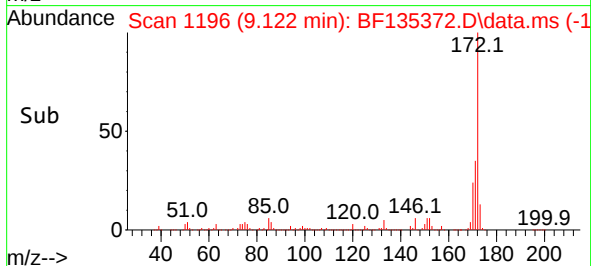
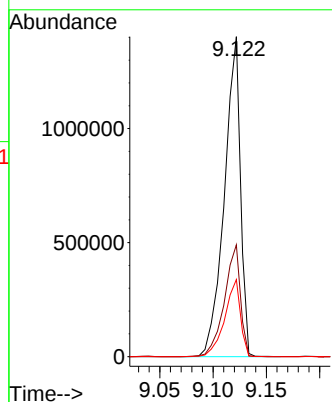
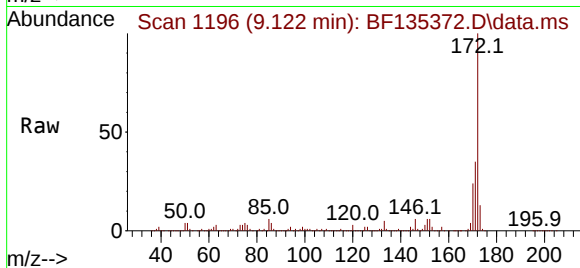
Tgt Ion:172 Resp: 1471628

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 24.1 19.0 28.4



#46

1,1'-Biphenyl

Concen: 44.804 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

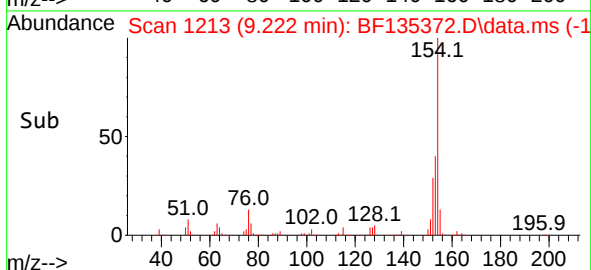
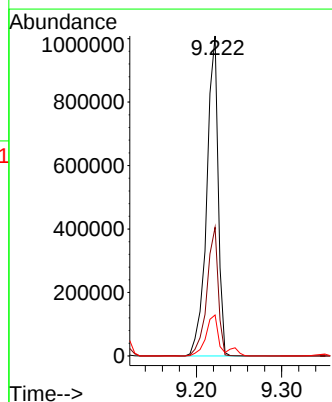
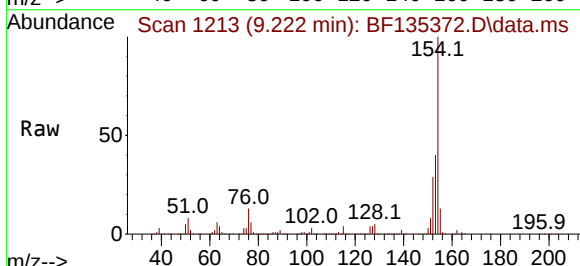
Tgt Ion:154 Resp: 939330

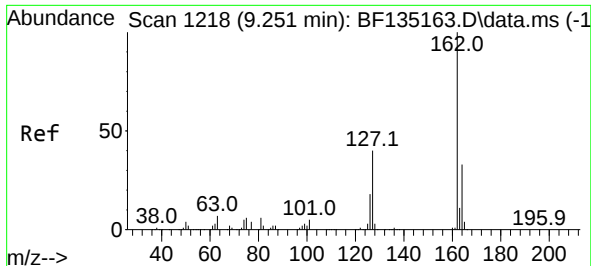
Ion Ratio Lower Upper

154 100

153 40.2 19.6 59.6

76 12.8 0.0 31.0

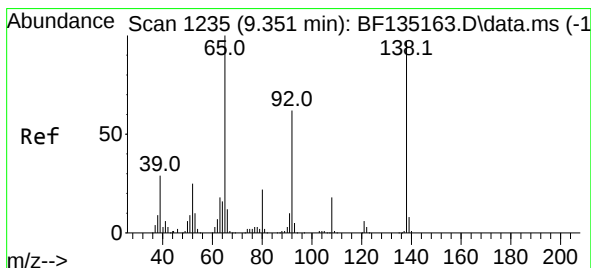
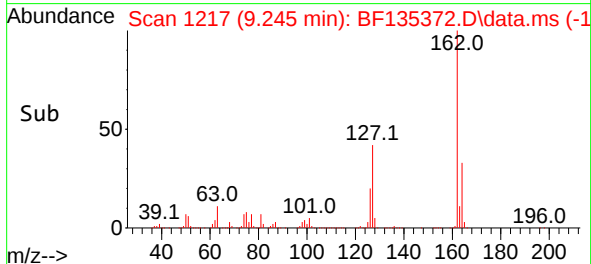
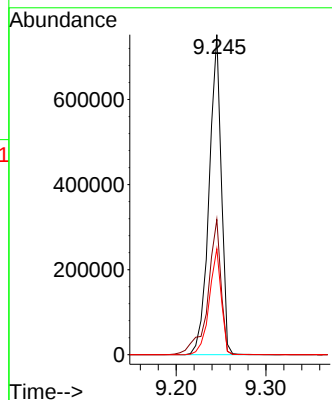
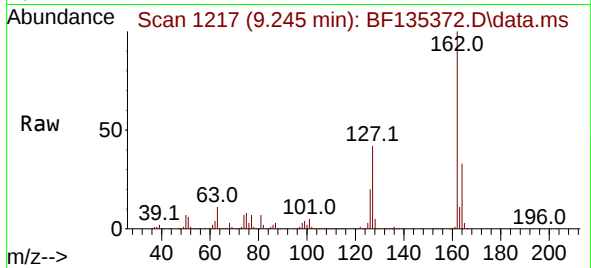




#47
2-Chloronaphthalene
Concen: 46.562 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

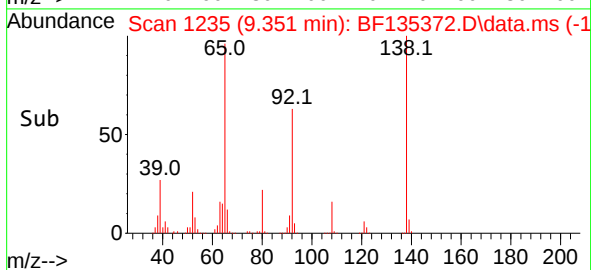
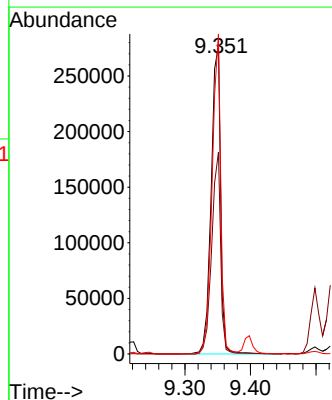
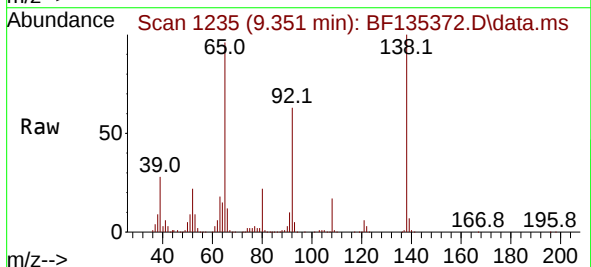
Instrument :
BNA_F
ClientSampleId :
PB155710BS

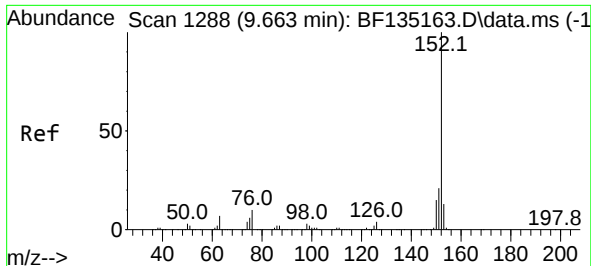
Tgt Ion:162 Resp: 708280
Ion Ratio Lower Upper
162 100
127 42.3 32.6 48.8
164 33.1 26.2 39.2



#48
2-Nitroaniline
Concen: 46.800 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

Tgt Ion: 65 Resp: 276571
Ion Ratio Lower Upper
65 100
92 65.4 49.4 74.0
138 103.8 77.4 116.0





#49

Acenaphthylene

Concen: 43.495 ng

RT: 9.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

Instrument :

BNA_F

ClientSampleId :

PB155710BS

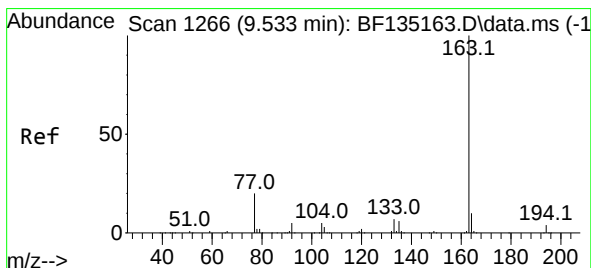
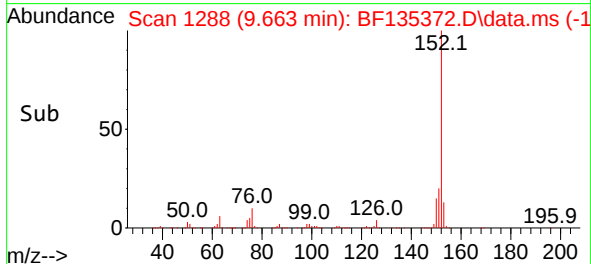
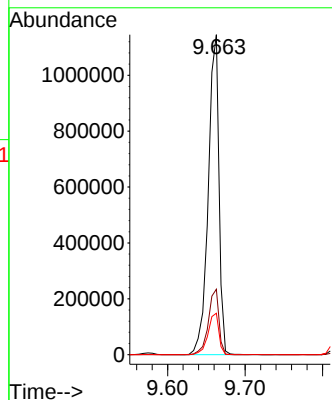
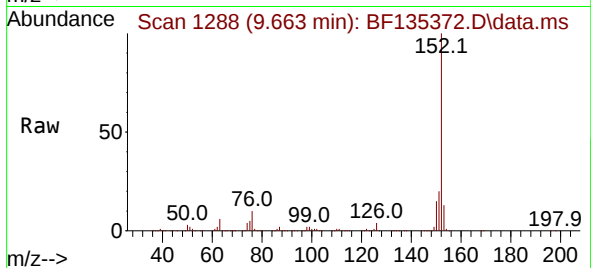
Tgt Ion:152 Resp: 1099561

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 44.385 ng

RT: 9.528 min Scan# 1265

Delta R.T. -0.005 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

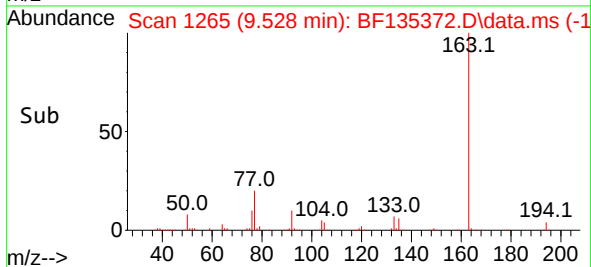
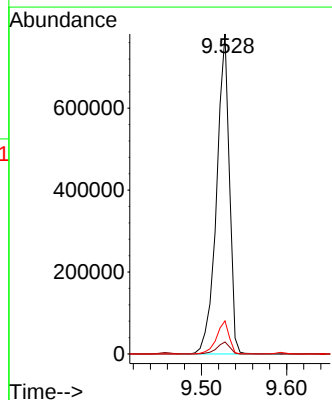
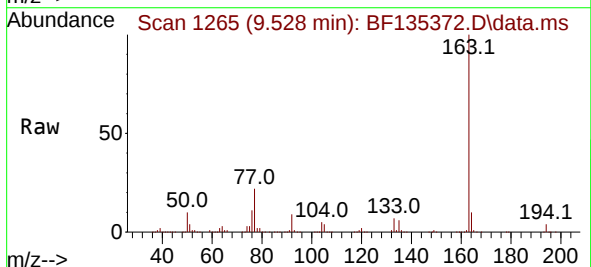
Tgt Ion:163 Resp: 818678

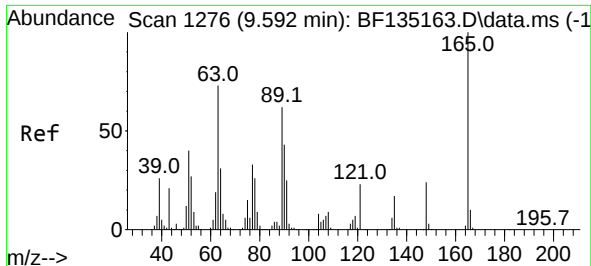
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.4 8.1 12.1

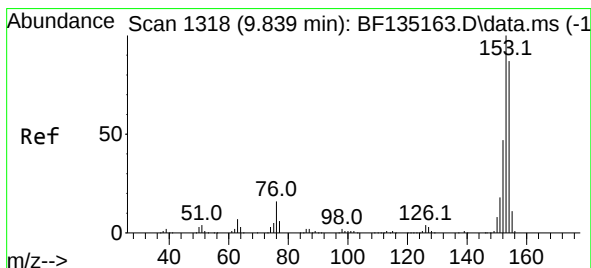
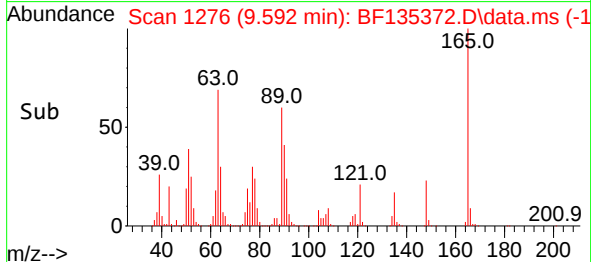
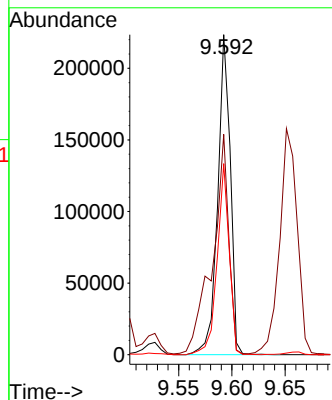
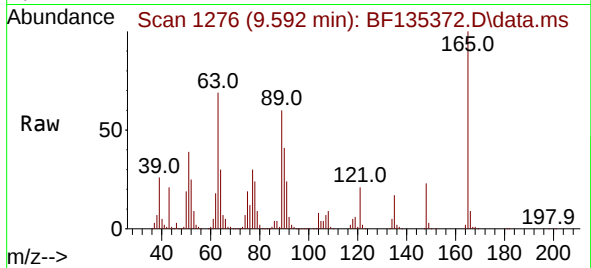




#51
2,6-Dinitrotoluene
Concen: 45.379 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

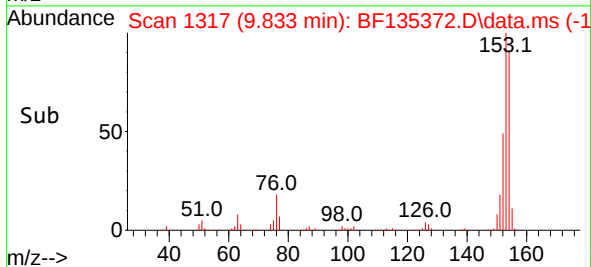
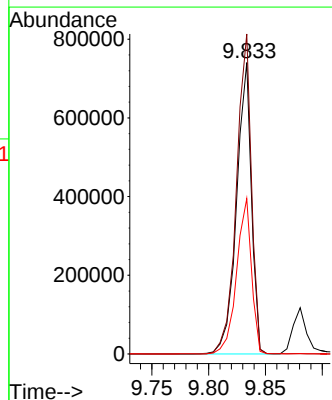
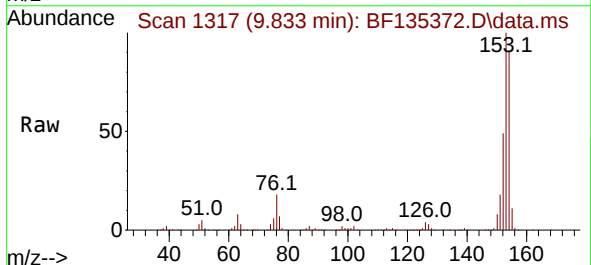
Instrument :
BNA_F
ClientSampleId :
PB155710BS

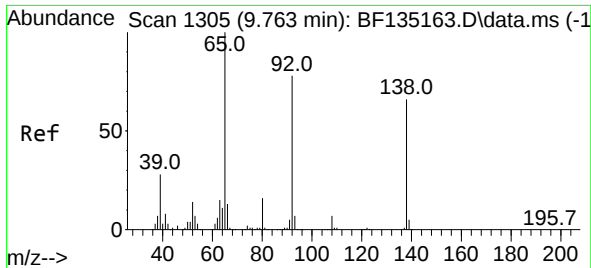
Tgt Ion:165 Resp: 183363
Ion Ratio Lower Upper
165 100
63 68.9 59.4 89.2
89 59.7 49.8 74.8



#52
Acenaphthene
Concen: 45.112 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

Tgt Ion:154 Resp: 673710
Ion Ratio Lower Upper
154 100
153 109.8 92.1 138.1
152 53.3 43.1 64.7

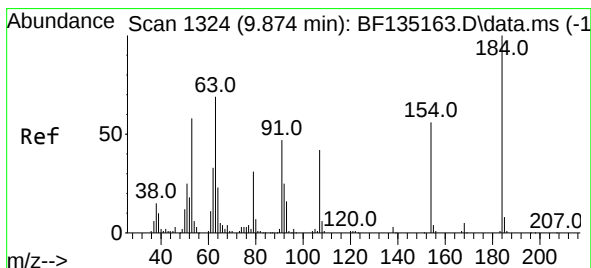
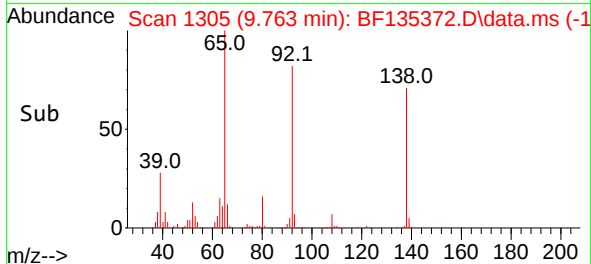
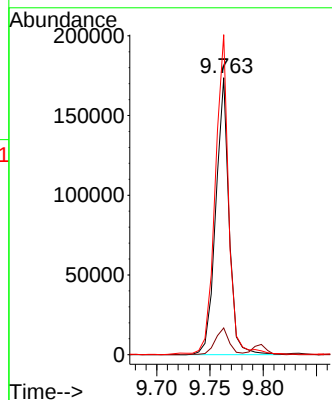
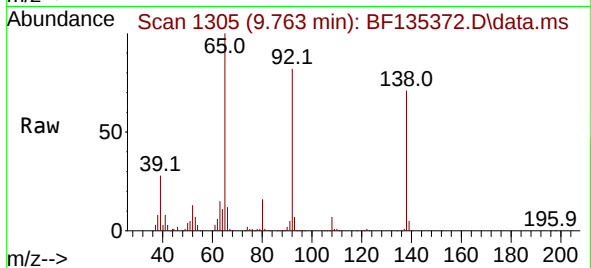




#53
3-Nitroaniline
Concen: 31.686 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

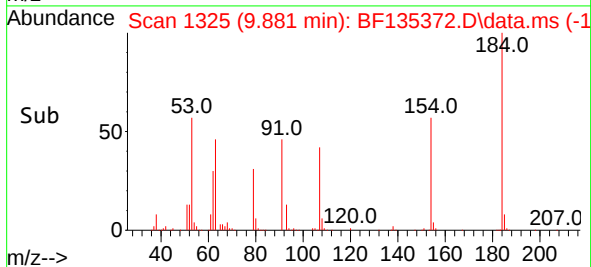
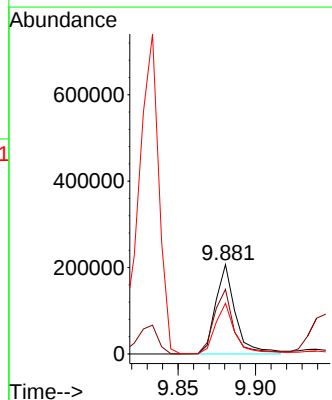
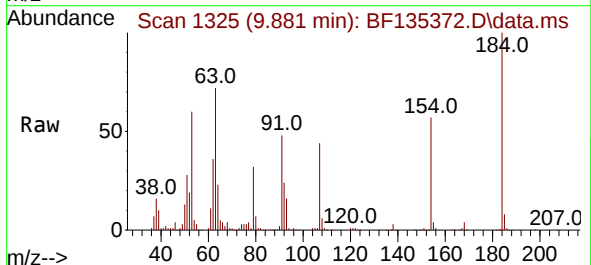
Instrument :
BNA_F
ClientSampleId :
PB155710BS

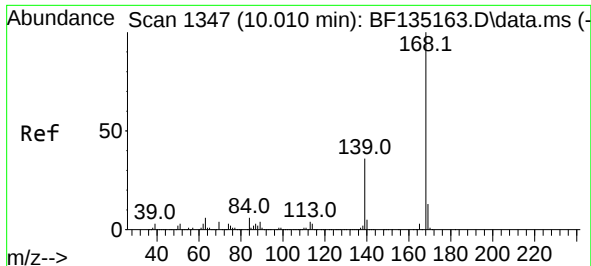
Tgt Ion:138 Resp: 150290
Ion Ratio Lower Upper
138 100
108 9.7 8.5 12.7
92 115.5 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 80.518 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.007 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

Tgt Ion:184 Resp: 184798
Ion Ratio Lower Upper
184 100
63 72.3 55.1 82.7
154 56.7 48.4 72.6

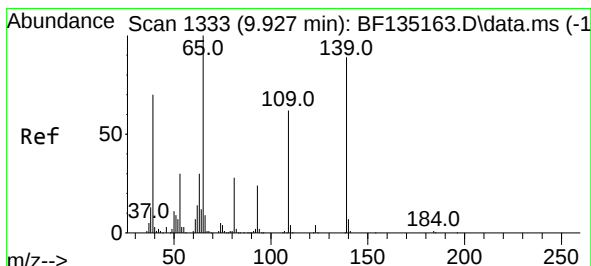
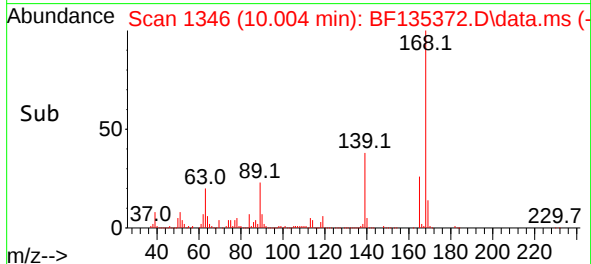
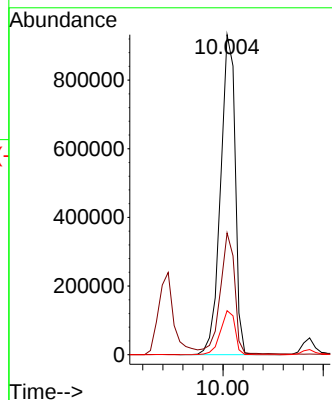
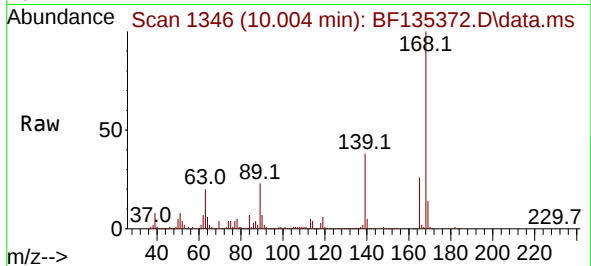




#55
Dibenzenofuran
Concen: 41.281 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

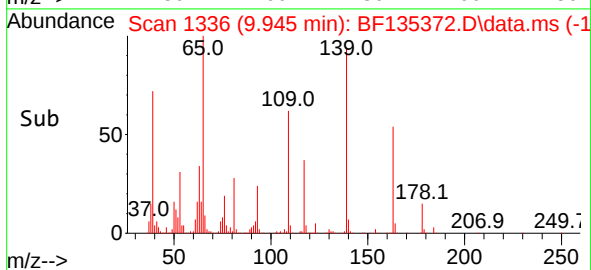
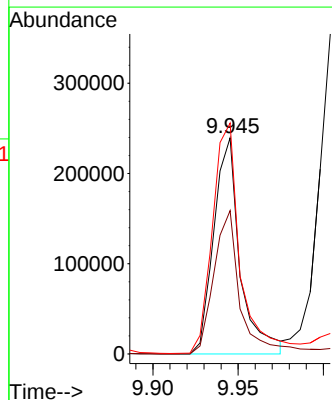
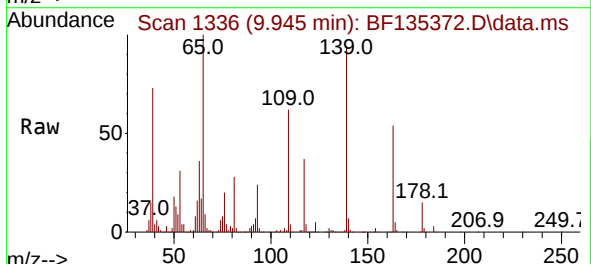
Instrument :
BNA_F
ClientSampleId :
PB155710BS

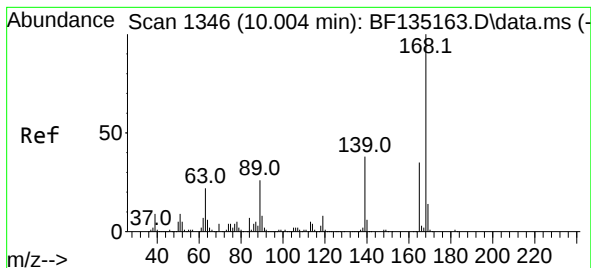
Tgt Ion:168 Resp: 940765
Ion Ratio Lower Upper
168 100
139 38.0 29.0 43.6
169 13.8 10.4 15.6



#56
4-Nitrophenol
Concen: 85.347 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.018 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

Tgt Ion:139 Resp: 257277
Ion Ratio Lower Upper
139 100
109 66.3 49.8 89.8
65 106.8 92.7 132.7

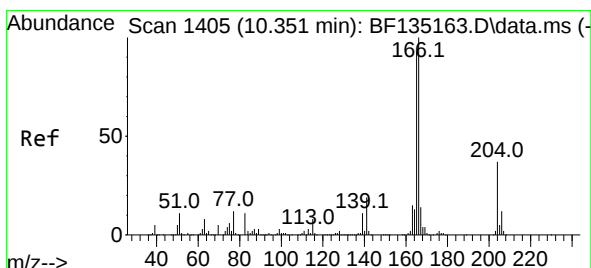
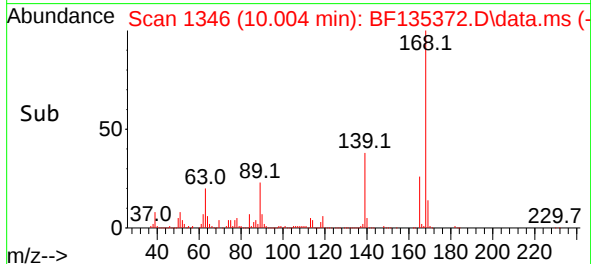
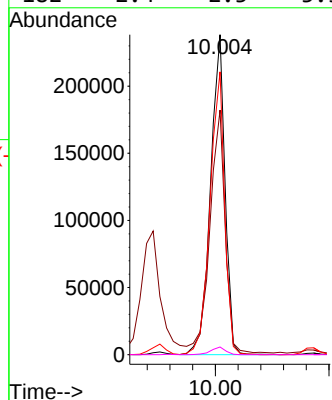
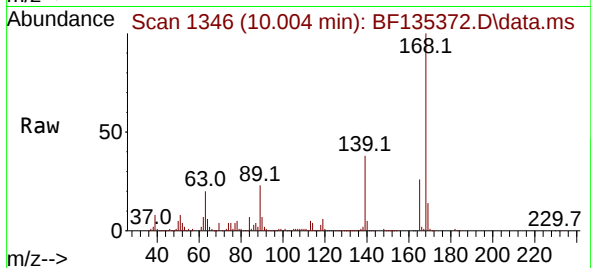




#57
2,4-Dinitrotoluene
Concen: 41.774 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

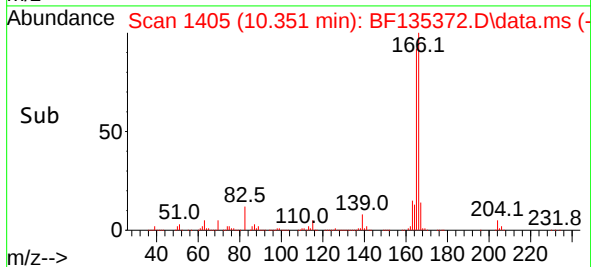
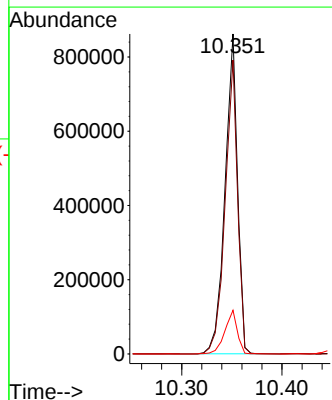
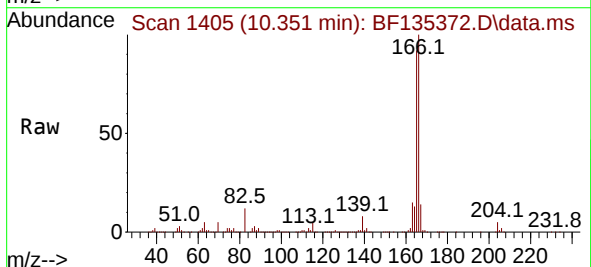
Instrument :
BNA_F
ClientSampleId :
PB155710BS

Tgt Ion:165 Resp: 211318
Ion Ratio Lower Upper
165 100
63 76.5 50.1 75.1#
89 88.4 59.3 88.9
182 2.4 2.3 3.5



#58
Fluorene
Concen: 42.518 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

Tgt Ion:166 Resp: 744909
Ion Ratio Lower Upper
166 100
165 91.8 74.3 111.5
167 13.7 10.9 16.3

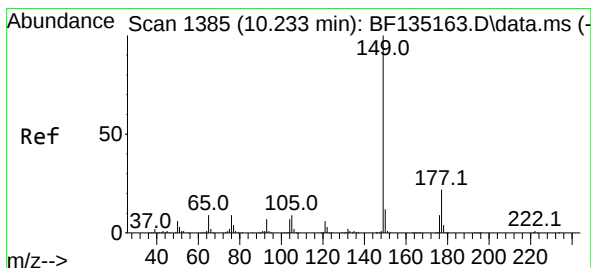
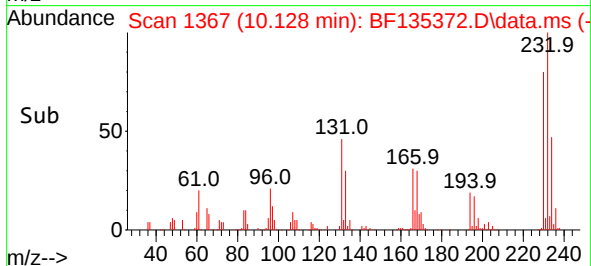
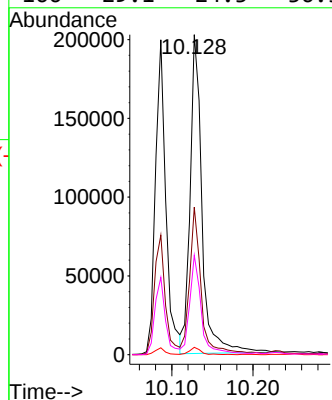
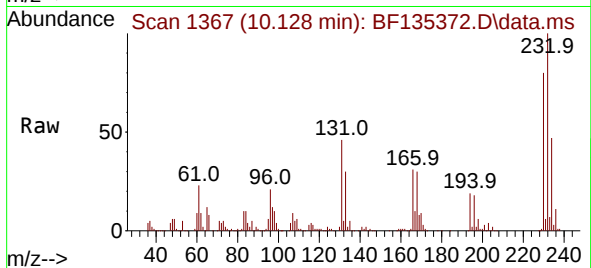




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.105 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

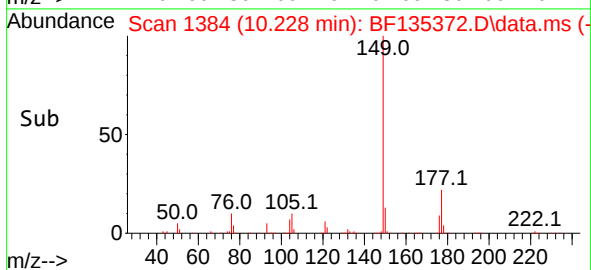
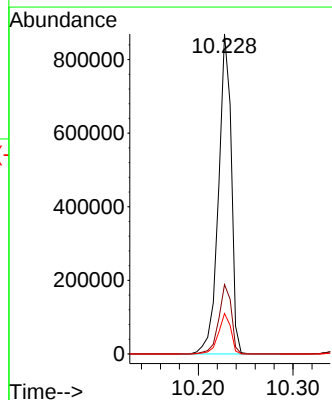
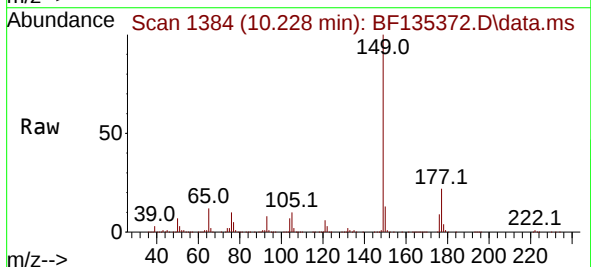
Instrument :
BNA_F
ClientSampleId :
PB155710BS

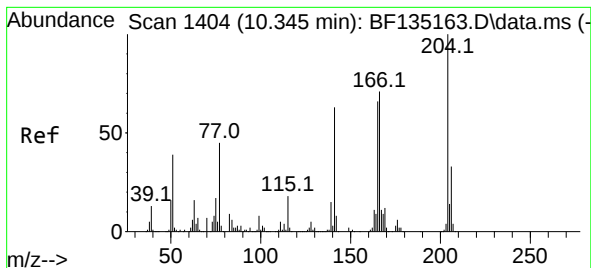
Tgt Ion:232 Resp: 206772
Ion Ratio Lower Upper
232 100
131 45.2 35.4 53.2
130 2.3 1.8 2.8
166 29.1 24.3 36.5



#60
Diethylphthalate
Concen: 43.886 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

Tgt Ion:149 Resp: 812388
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.6
150 12.7 10.0 15.0

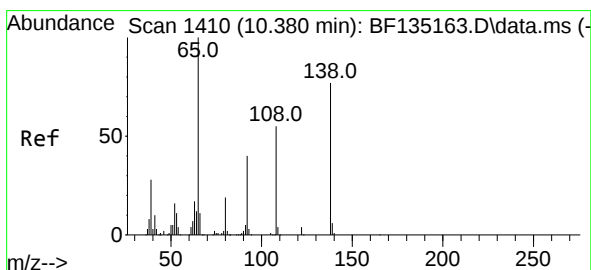
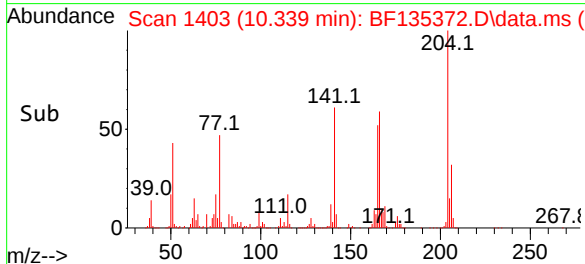
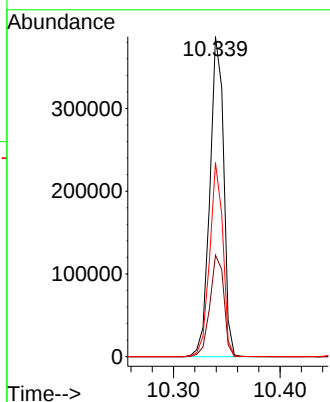
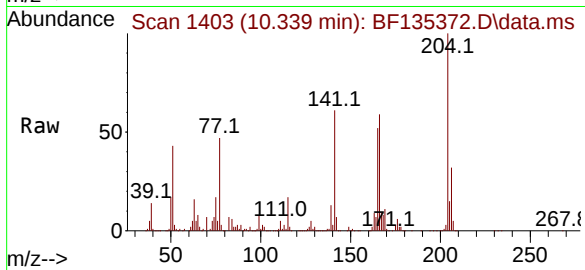




#61
4-Chlorophenyl-phenylether
Concen: 41.304 ng
RT: 10.339 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

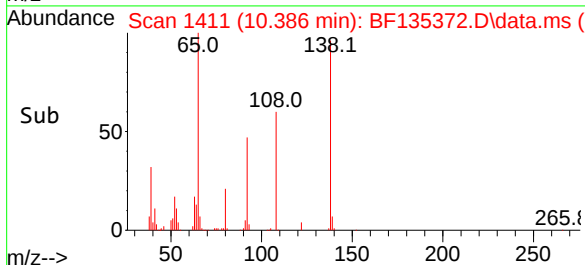
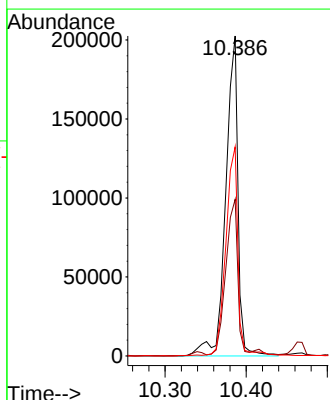
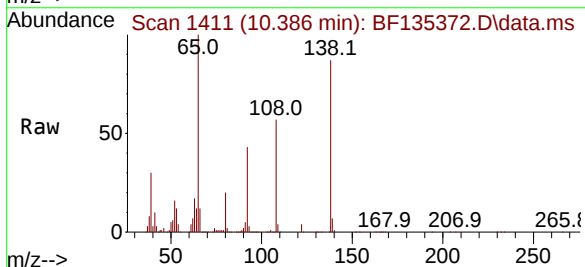
Instrument :
BNA_F
ClientSampleId :
PB155710BS

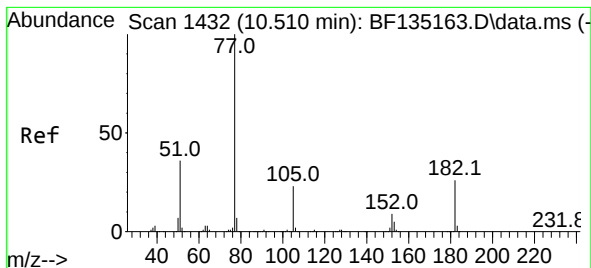
Tgt Ion:204 Resp: 347612
Ion Ratio Lower Upper
204 100
206 31.8 26.7 40.1
141 60.7 50.6 75.8



#62
4-Nitroaniline
Concen: 46.932 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

Tgt Ion:138 Resp: 213975
Ion Ratio Lower Upper
138 100
92 48.9 31.8 71.8
108 65.3 52.0 92.0





#63

Azobenzene

Concen: 45.743 ng

RT: 10.504 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

Instrument :

BNA_F

ClientSampleId :

PB155710BS

Tgt Ion: 77 Resp: 828709

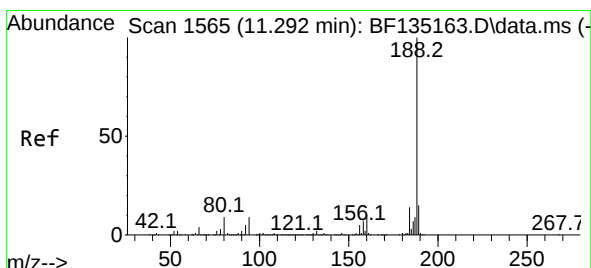
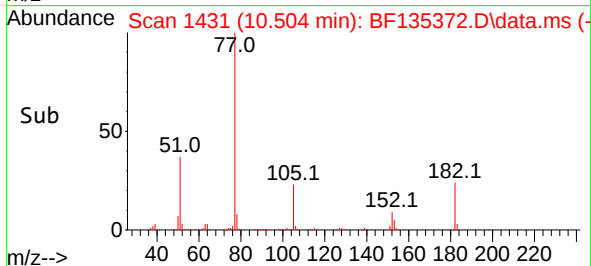
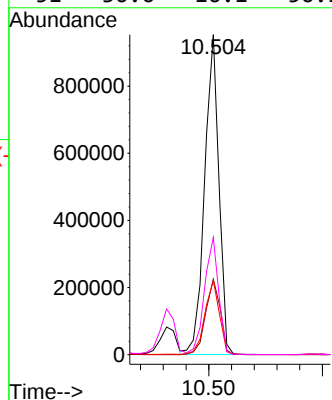
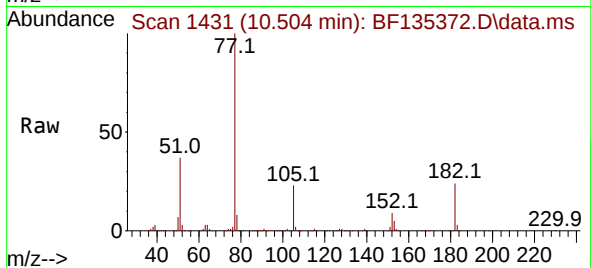
Ion Ratio Lower Upper

77 100

182 23.6 6.4 46.4

105 23.2 3.1 43.1

51 36.6 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.000 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

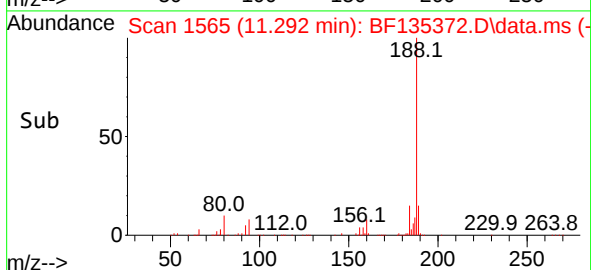
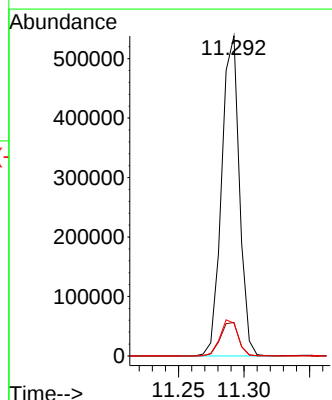
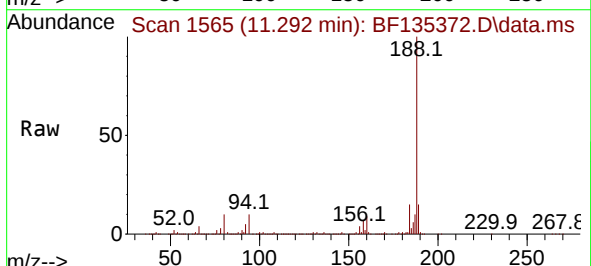
Tgt Ion: 188 Resp: 506197

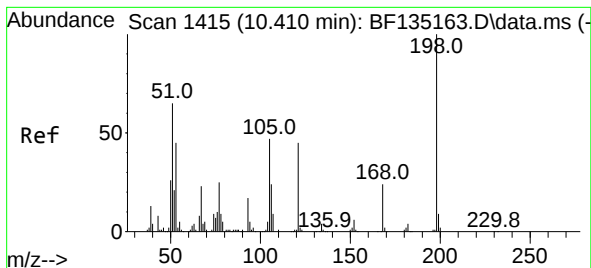
Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.6

80 10.3 7.5 11.3

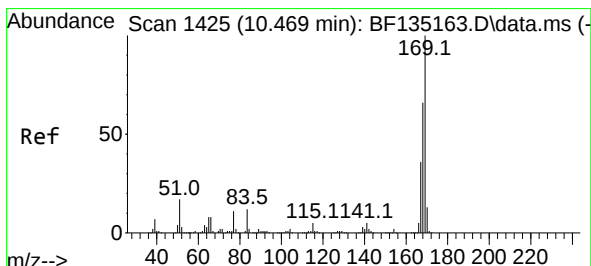
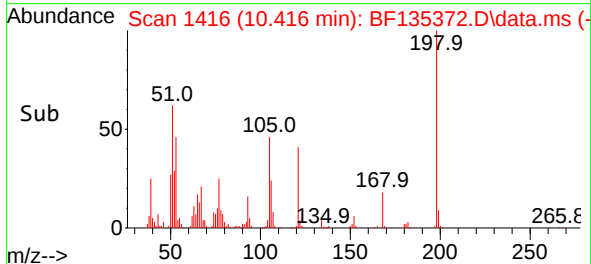
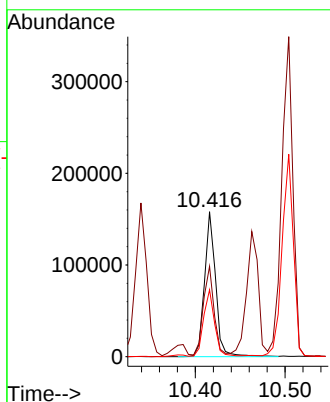
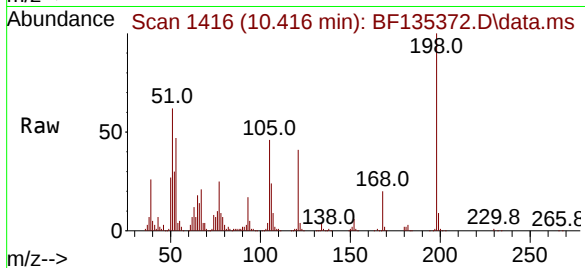




#65
4,6-Dinitro-2-methylphenol
Concen: 50.571 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

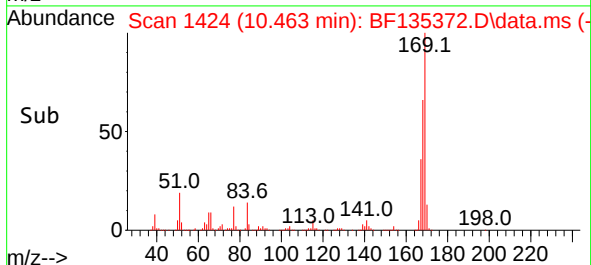
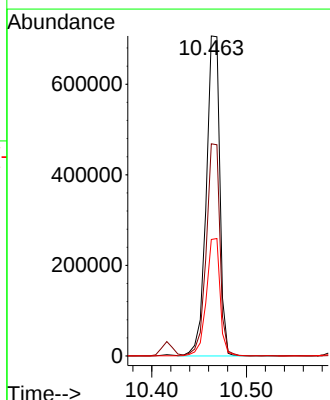
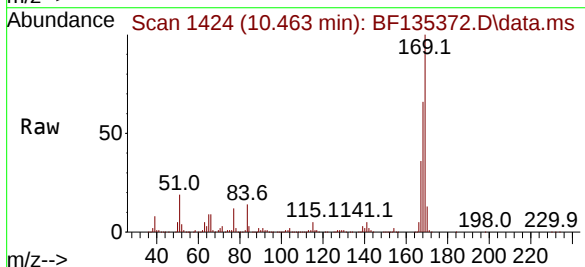
Instrument :
BNA_F
ClientSampleId :
PB155710BS

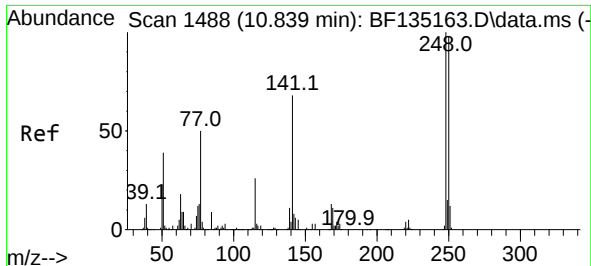
Tgt Ion:198 Resp: 135963
Ion Ratio Lower Upper
198 100
51 62.3 47.7 87.7
105 46.1 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 45.678 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

Tgt Ion:169 Resp: 700018
Ion Ratio Lower Upper
169 100
168 66.3 52.8 79.2
167 36.4 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 44.488 ng

RT: 10.833 min Scan# 1487

Delta R.T. -0.006 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

Instrument :

BNA_F

ClientSampleId :

PB155710BS

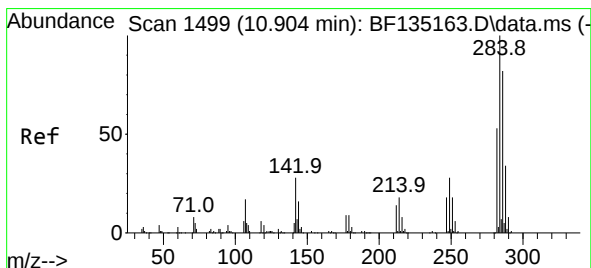
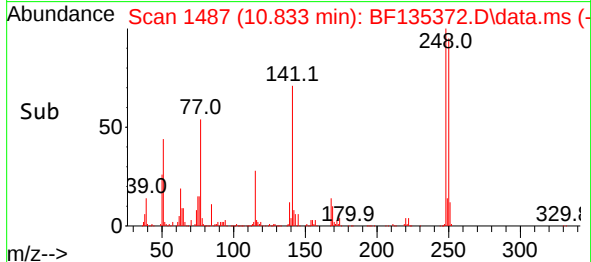
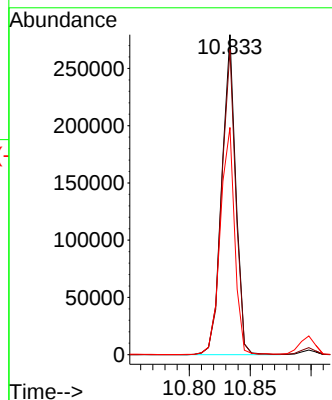
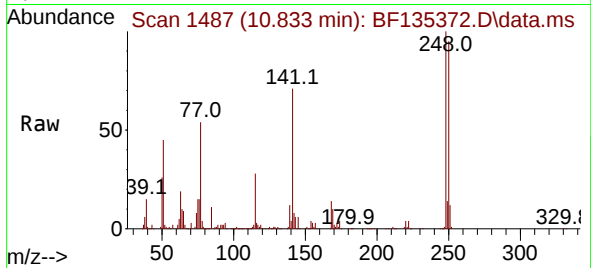
Tgt Ion:248 Resp: 223974

Ion Ratio Lower Upper

248 100

250 95.4 78.6 117.8

141 71.0 54.2 81.2



#68

Hexachlorobenzene

Concen: 46.015 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

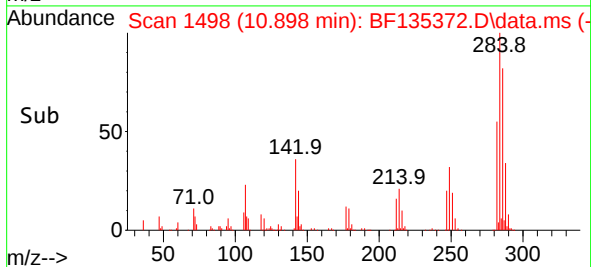
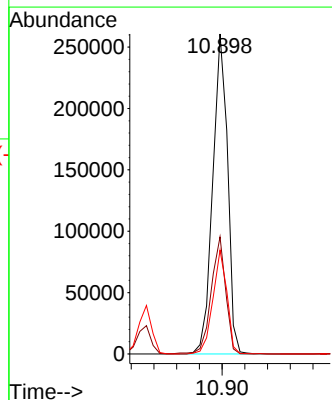
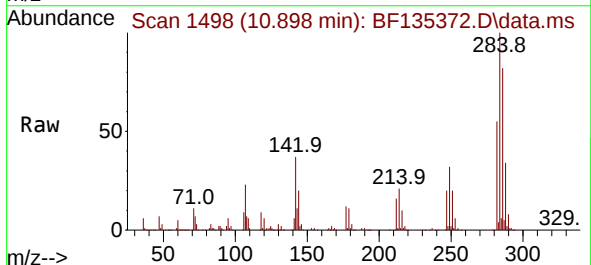
Tgt Ion:284 Resp: 236012

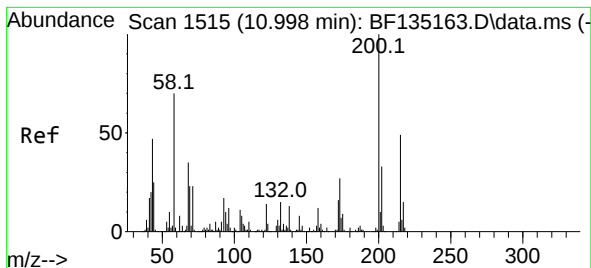
Ion Ratio Lower Upper

284 100

142 36.6 22.2 33.4#

249 32.4 22.5 33.7





#69

Atrazine

Concen: 54.224 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

Instrument :

BNA_F

ClientSampleId :

PB155710BS

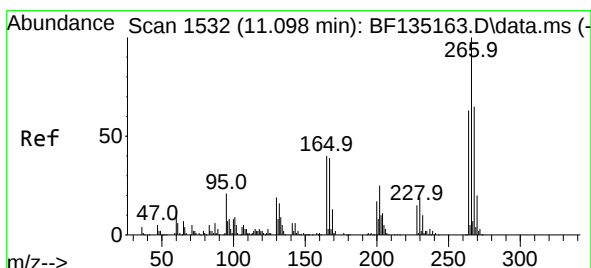
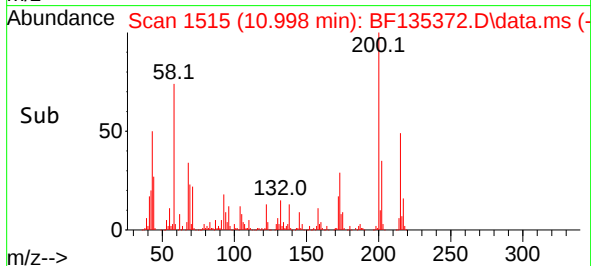
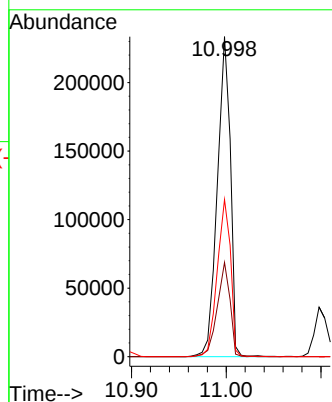
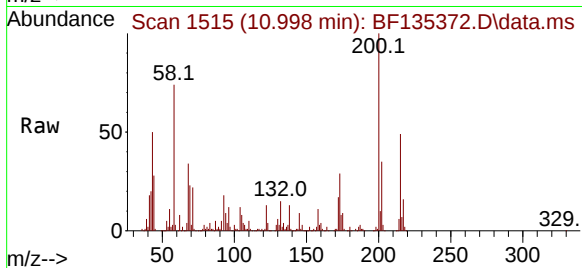
Tgt Ion:200 Resp: 223595

Ion Ratio Lower Upper

200 100

173 29.5 7.4 47.4

215 49.1 28.6 68.6



#70

Pentachlorophenol

Concen: 71.627 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

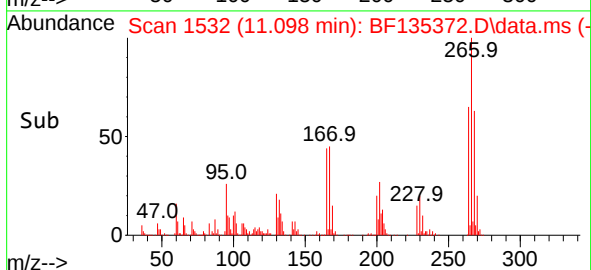
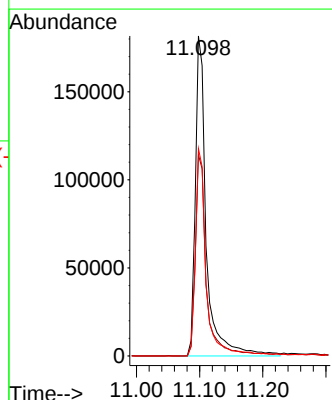
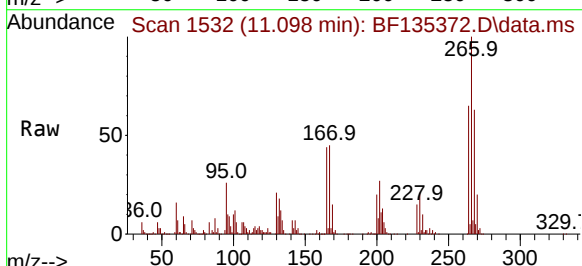
Tgt Ion:266 Resp: 219801

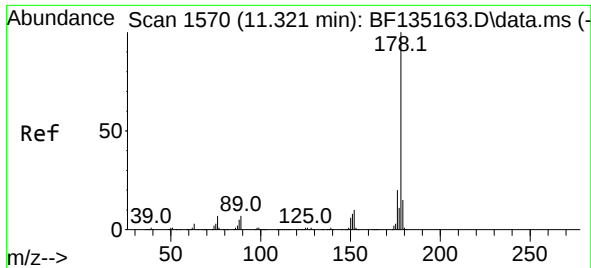
Ion Ratio Lower Upper

266 100

268 62.9 52.1 78.1

264 64.8 50.8 76.2

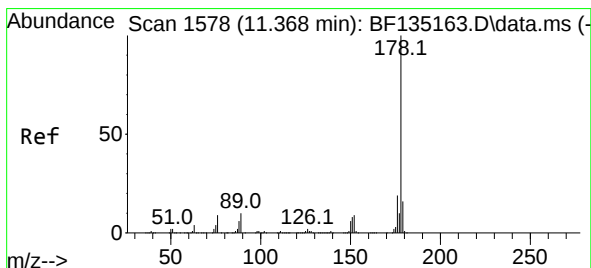
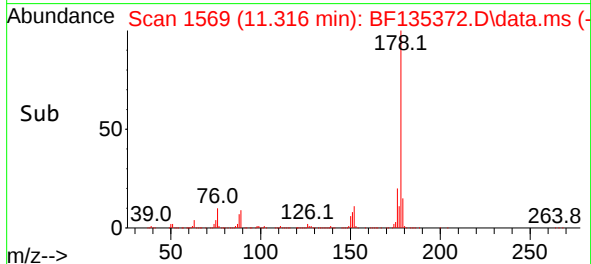
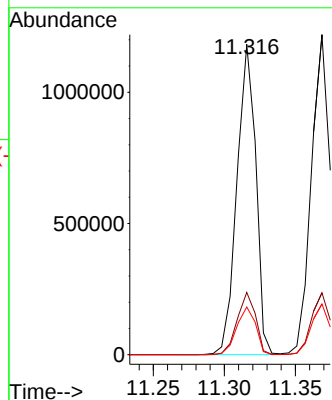
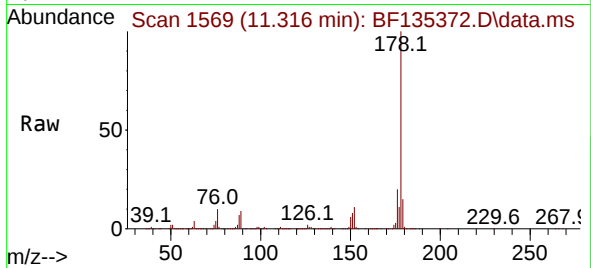




#71
Phenanthrene
Concen: 45.874 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

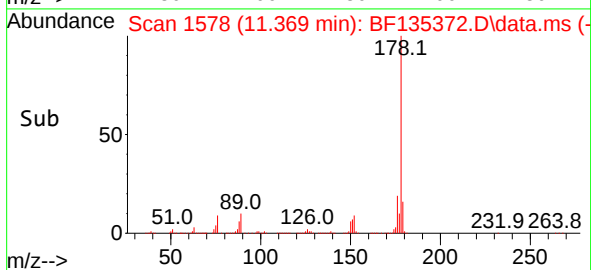
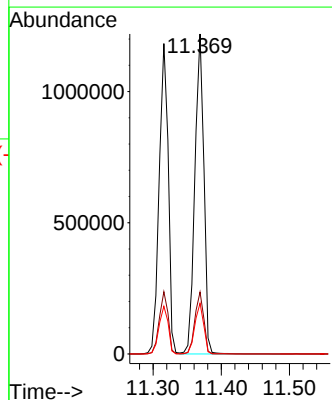
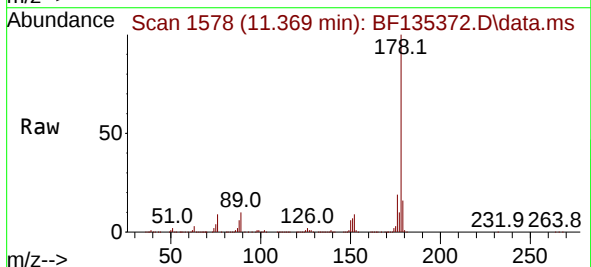
Instrument :
BNA_F
ClientSampleId :
PB155710BS

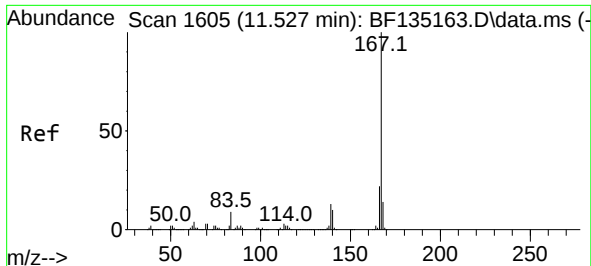
Tgt Ion:178 Resp: 1098272
Ion Ratio Lower Upper
178 100
176 20.1 15.6 23.4
179 15.4 12.0 18.0



#72
Anthracene
Concen: 45.291 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

Tgt Ion:178 Resp: 1114551
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.9 12.6 19.0



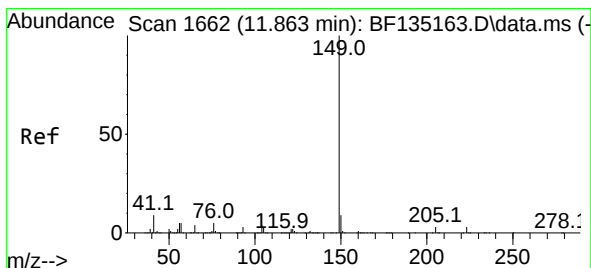
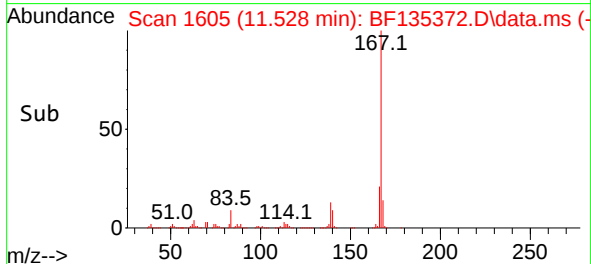
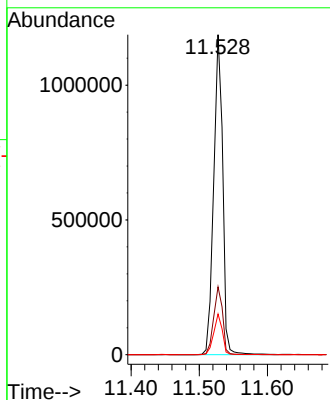
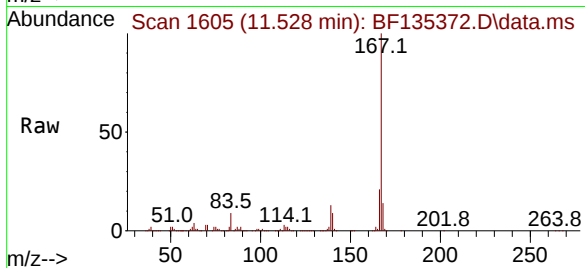


#73
 Carbazole
 Concen: 48.671 ng
 RT: 11.528 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135372.D
 Acq: 21 Sep 2023 10:52

Instrument :
 BNA_F
 ClientSampleId :
 PB155710BS

Tgt Ion:167 Resp: 1090323

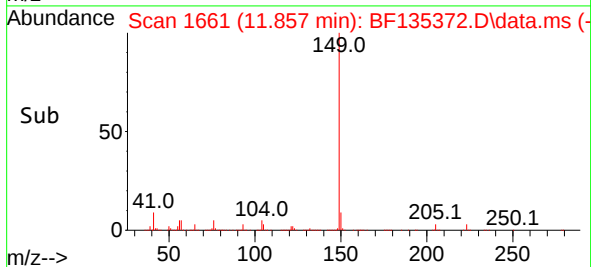
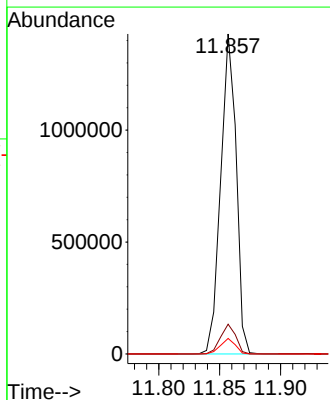
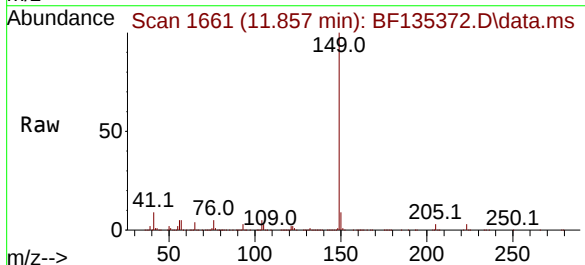
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.0
139	12.7	10.6	15.8

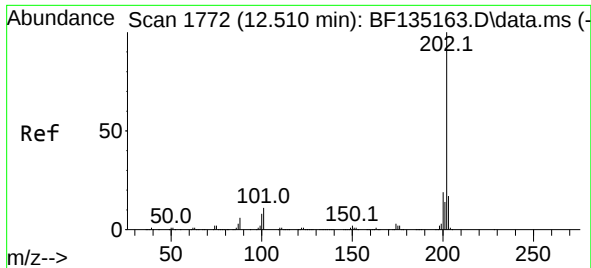


#74
 Di-n-butylphthalate
 Concen: 48.052 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF135372.D
 Acq: 21 Sep 2023 10:52

Tgt Ion:149 Resp: 1268424

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	4.9	3.6	5.4

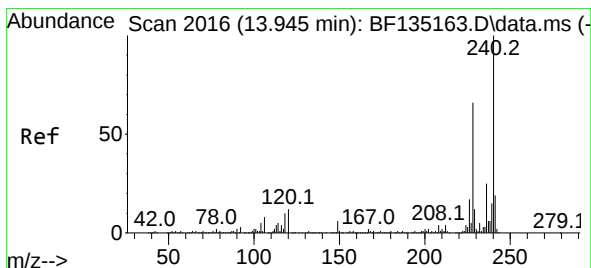
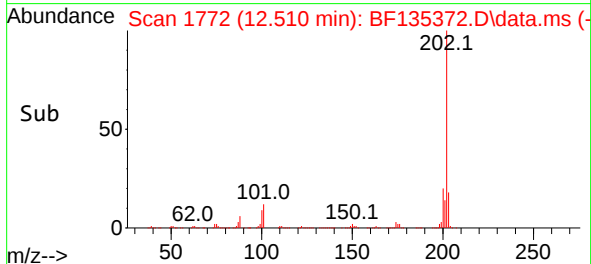
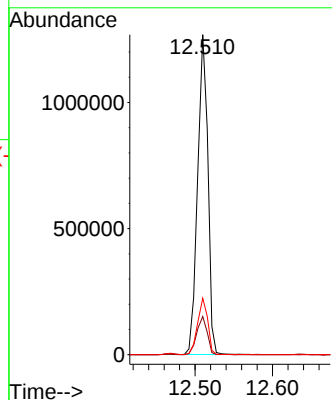
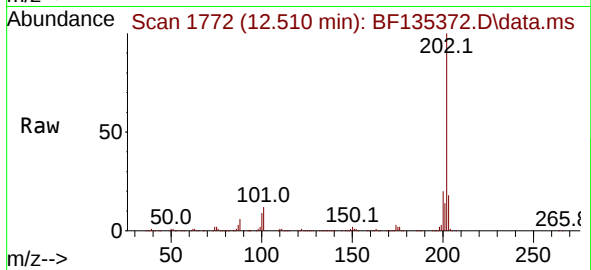




#75
Fluoranthene
Concen: 46.786 ng
RT: 12.510 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

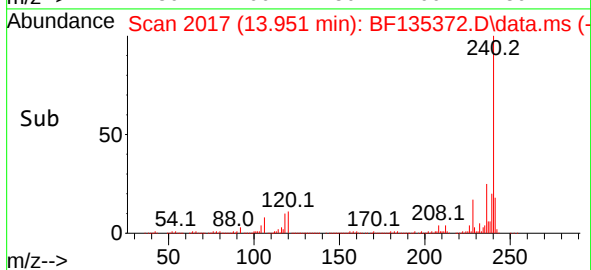
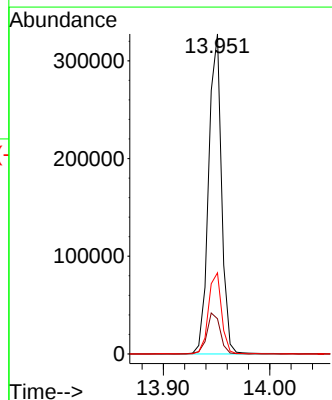
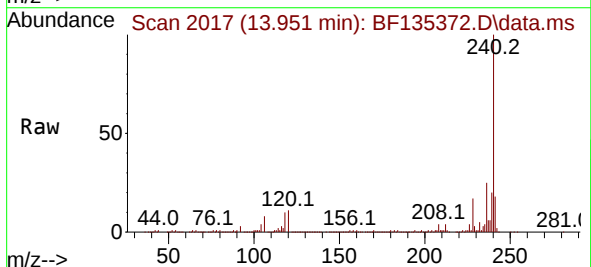
Instrument :
BNA_F
ClientSampleId :
PB155710BS

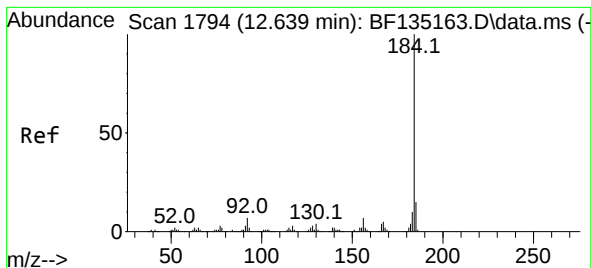
Tgt Ion:202 Resp: 1167134
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.3
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

Tgt Ion:240 Resp: 275945
Ion Ratio Lower Upper
240 100
120 11.0 9.4 14.2
236 25.3 19.8 29.8





#77

Benzidine

Concen: 56.002 ng

RT: 12.639 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

Instrument :

BNA_F

ClientSampleId :

PB155710BS

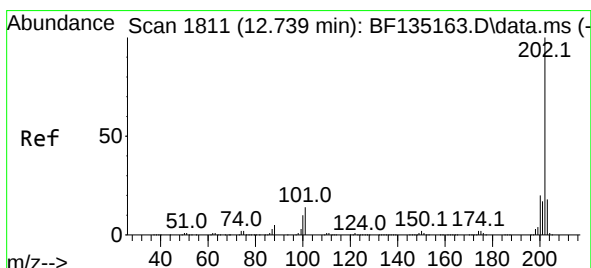
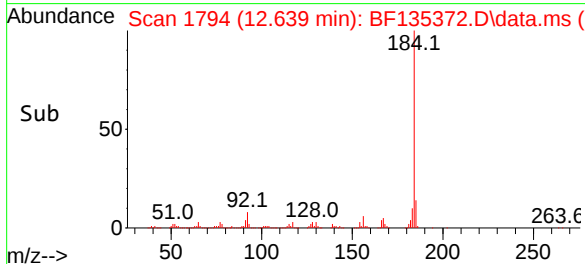
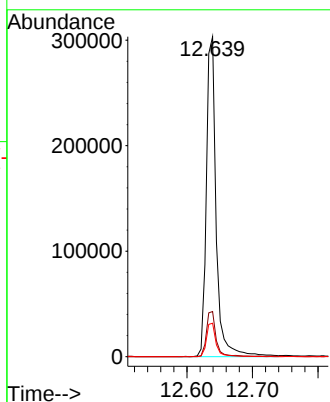
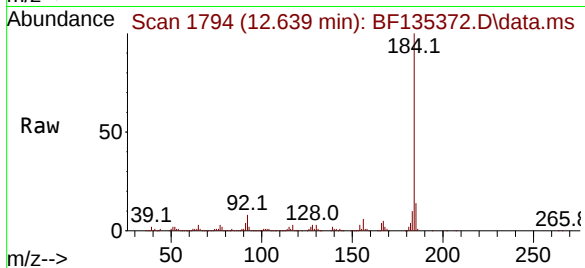
Tgt Ion:184 Resp: 316594

Ion Ratio Lower Upper

184 100

185 14.1 11.7 17.5

183 10.5 8.2 12.4



#78

Pyrene

Concen: 45.131 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

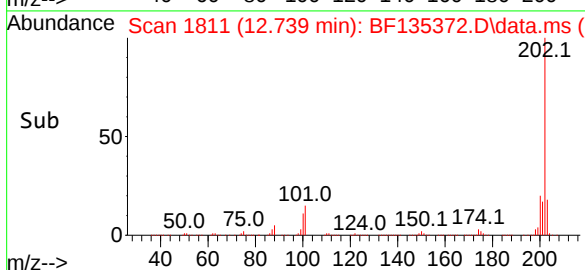
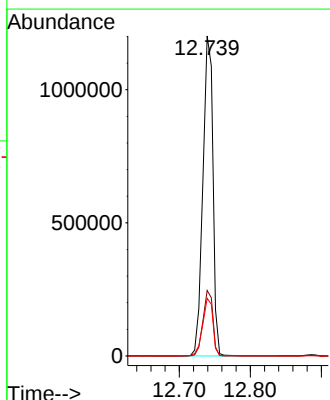
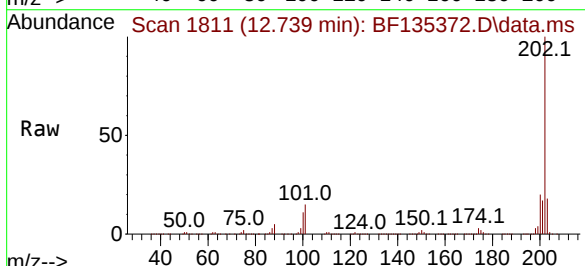
Tgt Ion:202 Resp: 1185697

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

203 18.0 14.2 21.4





#79

Terphenyl-d14

Concen: 81.067 ng

RT: 12.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

Instrument :

BNA_F

ClientSampleId :

PB155710BS

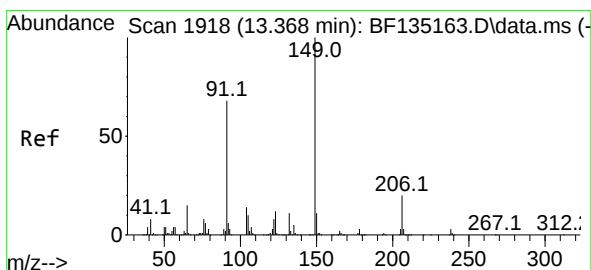
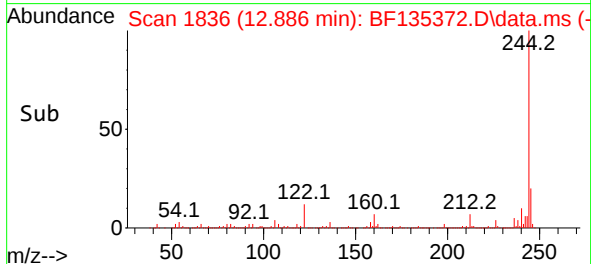
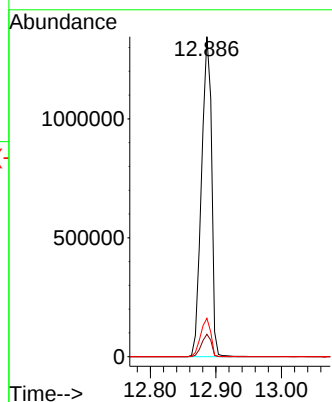
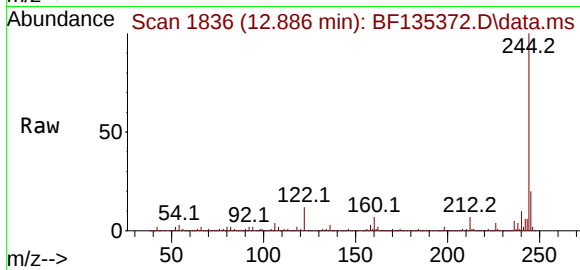
Tgt Ion:244 Resp: 1443050

Ion Ratio Lower Upper

244 100

212 7.0 5.1 7.7

122 12.0 7.9 11.9#



#80

Butylbenzylphthalate

Concen: 50.715 ng

RT: 13.363 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

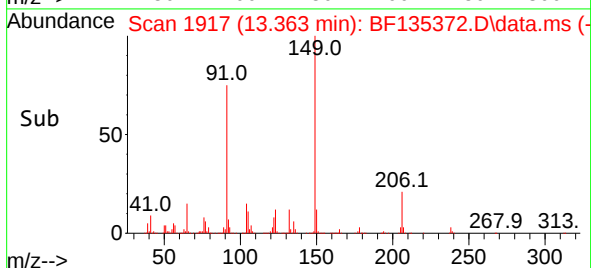
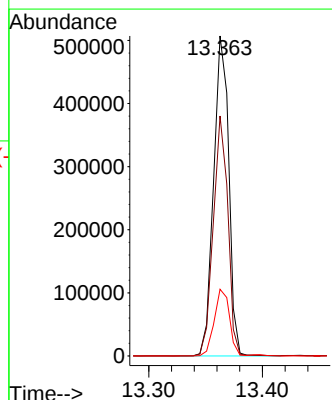
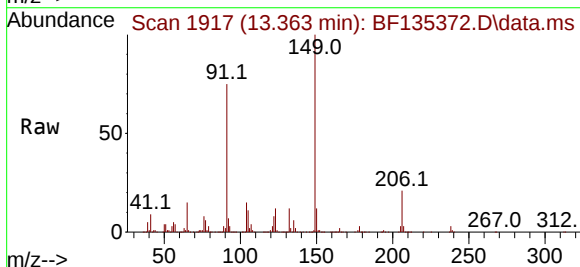
Tgt Ion:149 Resp: 469110

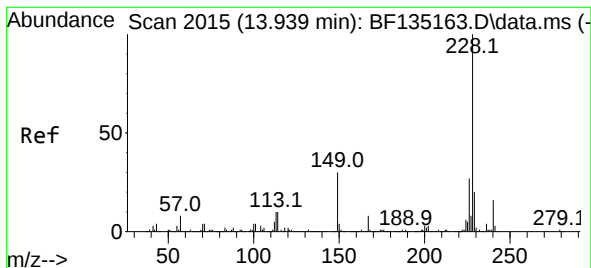
Ion Ratio Lower Upper

149 100

91 75.0 54.7 82.1

206 20.9 16.3 24.5





#81

Benzo(a)anthracene

Concen: 46.339 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

Instrument :

BNA_F

ClientSampleId :

PB155710BS

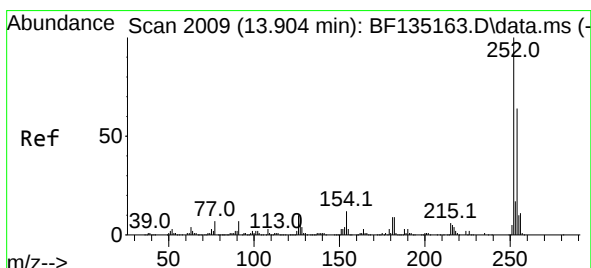
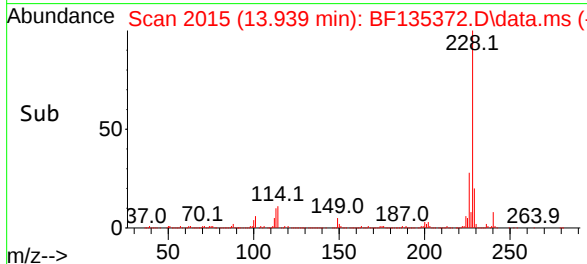
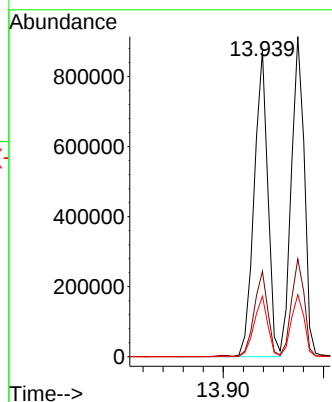
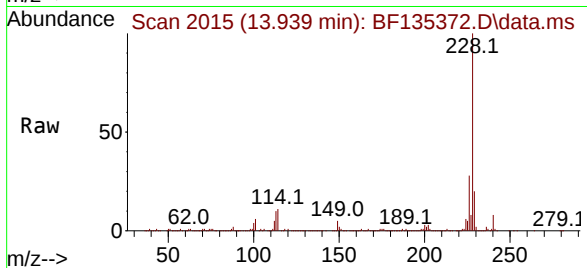
Tgt Ion:228 Resp: 825692

Ion Ratio Lower Upper

228 100

226 27.9 21.7 32.5

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 36.840 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

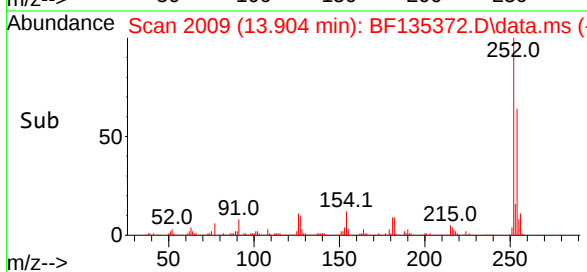
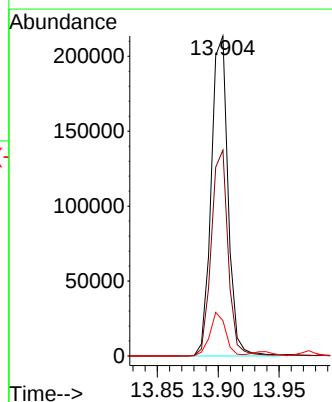
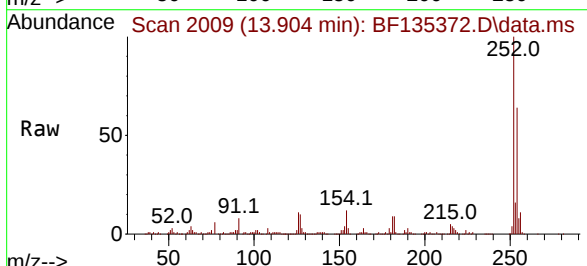
Tgt Ion:252 Resp: 205039

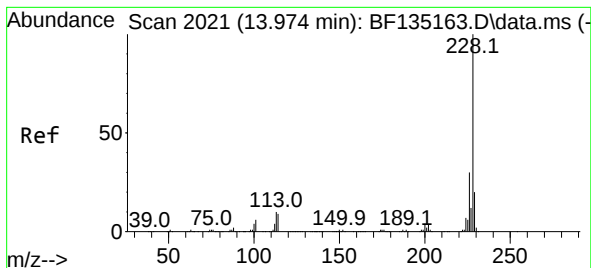
Ion Ratio Lower Upper

252 100

254 64.3 51.0 76.4

126 11.0 7.8 11.8





#83

Chrysene

Concen: 46.488 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

Instrument :

BNA_F

ClientSampleId :

PB155710BS

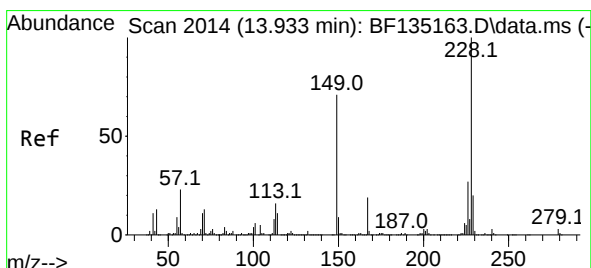
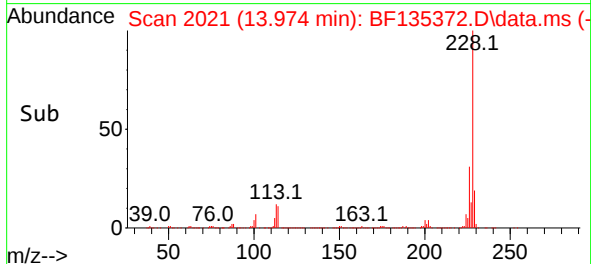
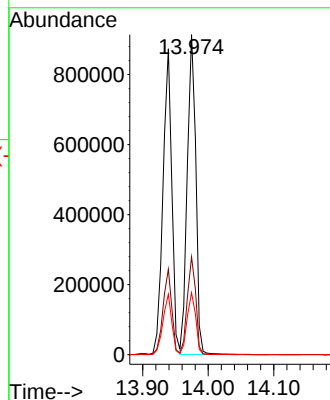
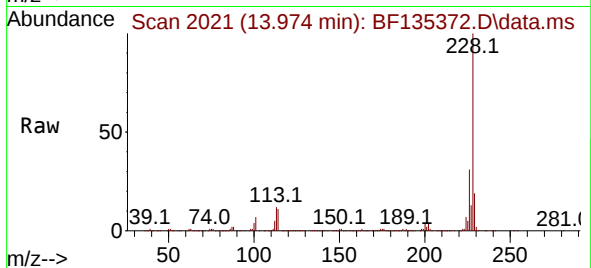
Tgt Ion:228 Resp: 823570

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

229 19.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.223 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

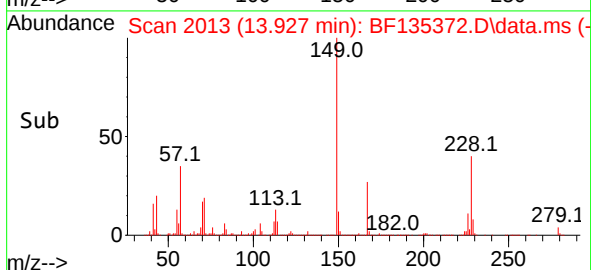
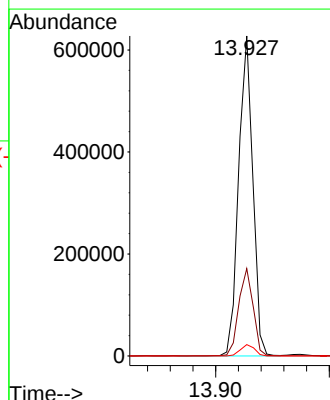
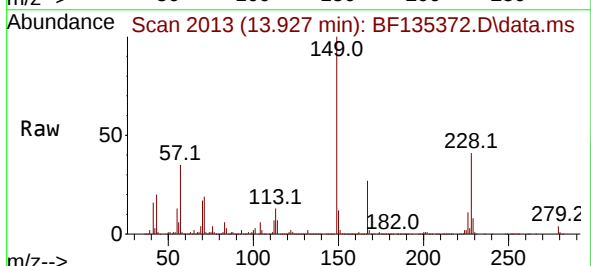
Tgt Ion:149 Resp: 543163

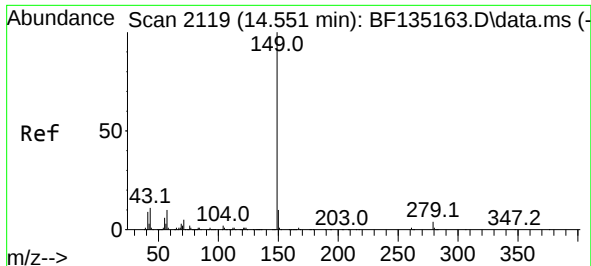
Ion Ratio Lower Upper

149 100

167 27.3 21.9 32.9

279 3.5 3.3 4.9

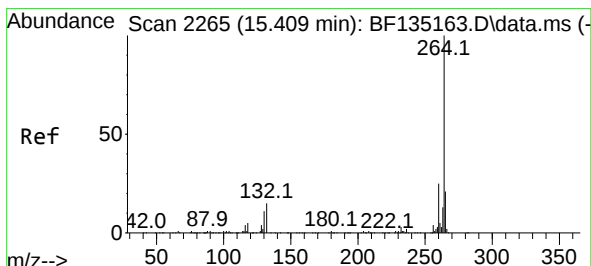
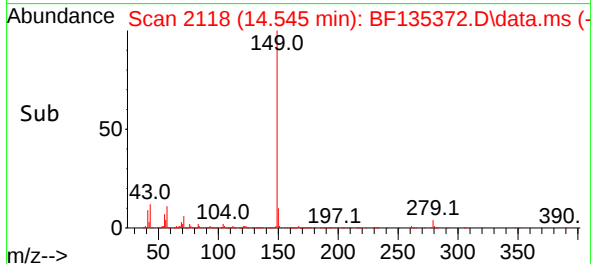
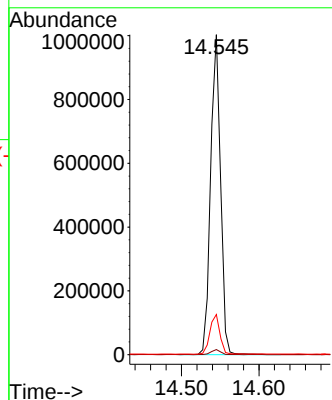
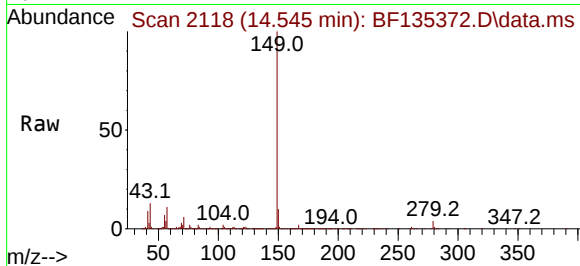




#85
Di-n-octyl phthalate
Concen: 58.946 ng
RT: 14.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

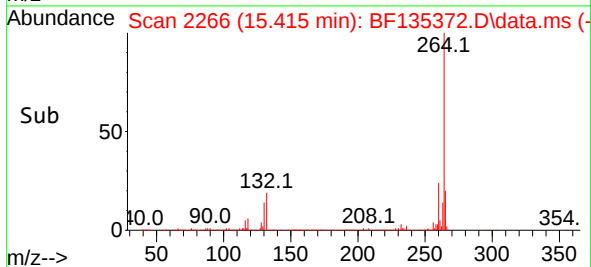
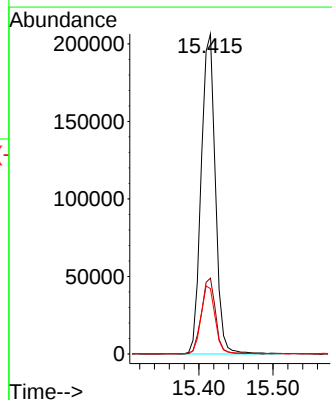
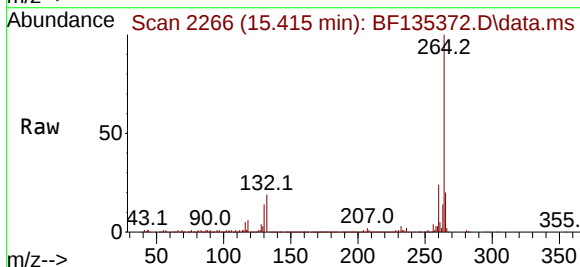
Instrument :
BNA_F
ClientSampleId :
PB155710BS

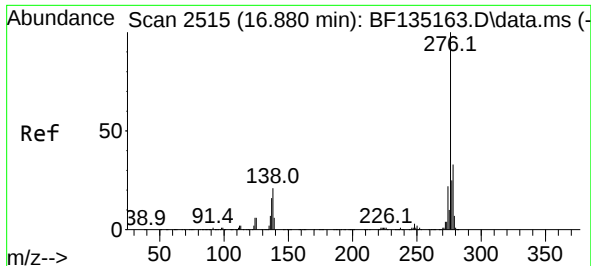
Tgt Ion:149 Resp: 889179
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.5 9.8 14.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF135372.D
Acq: 21 Sep 2023 10:52

Tgt Ion:264 Resp: 275095
Ion Ratio Lower Upper
264 100
260 23.7 19.8 29.6
265 20.4 17.0 25.4

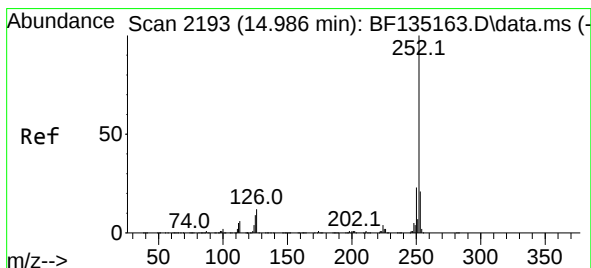
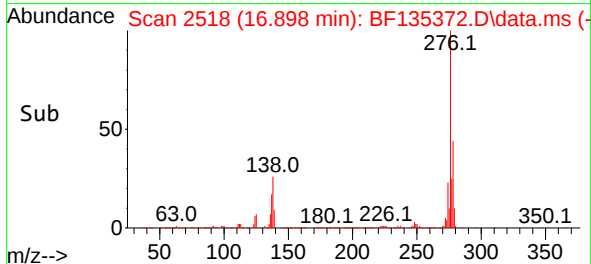
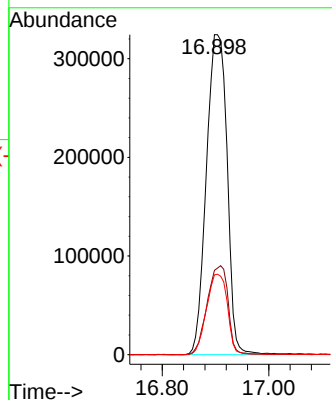
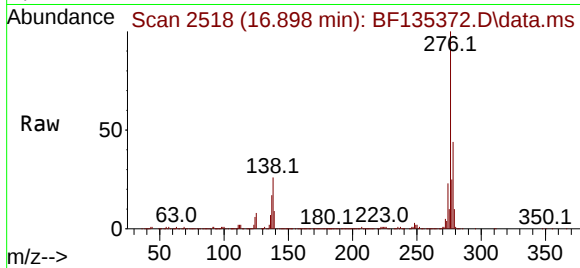




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.706 ng
 RT: 16.898 min Scan# 21519
 Delta R.T. 0.018 min
 Lab File: BF135372.D
 Acq: 21 Sep 2023 10:52

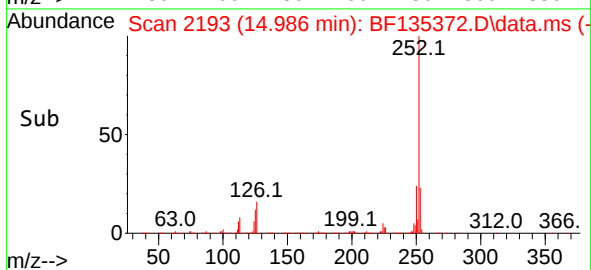
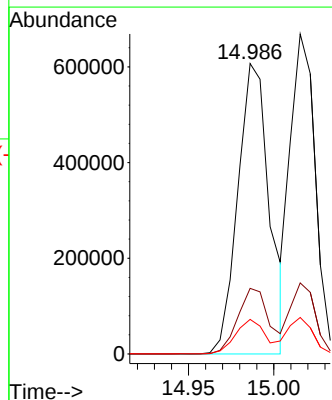
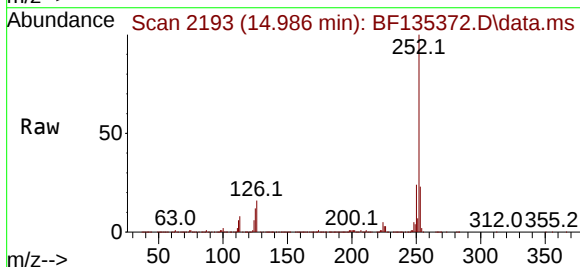
Instrument :
 BNA_F
 ClientSampleId :
 PB155710BS

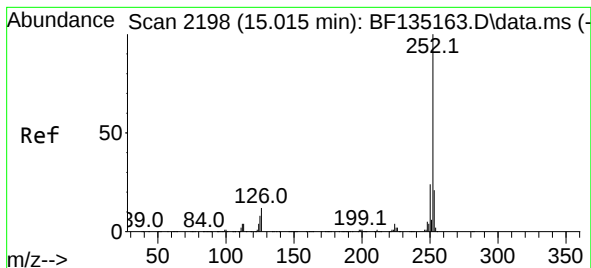
Tgt Ion:276 Resp: 878519
 Ion Ratio Lower Upper
 276 100
 138 28.1 19.2 28.8
 277 25.2 19.7 29.5



#88
 Benzo(b)fluoranthene
 Concen: 52.647 ng
 RT: 14.986 min Scan# 2193
 Delta R.T. 0.000 min
 Lab File: BF135372.D
 Acq: 21 Sep 2023 10:52

Tgt Ion:252 Resp: 784011
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.2 25.8
 125 11.9 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 46.498 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

Instrument :

BNA_F

ClientSampleId :

PB155710BS

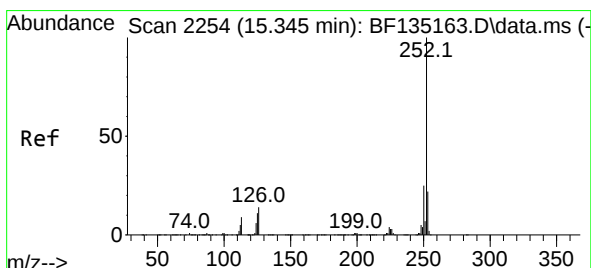
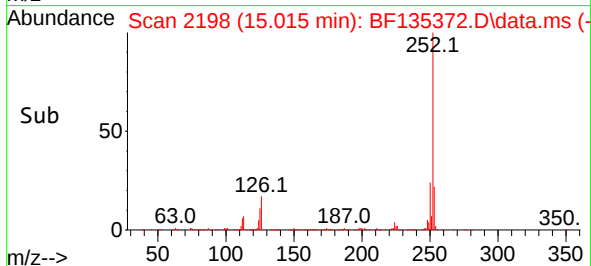
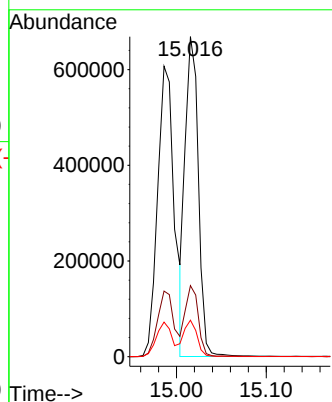
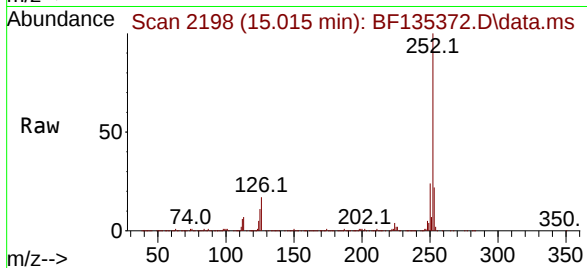
Tgt Ion:252 Resp: 684006

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 11.4 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 47.391 ng

RT: 15.357 min Scan# 2256

Delta R.T. 0.012 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

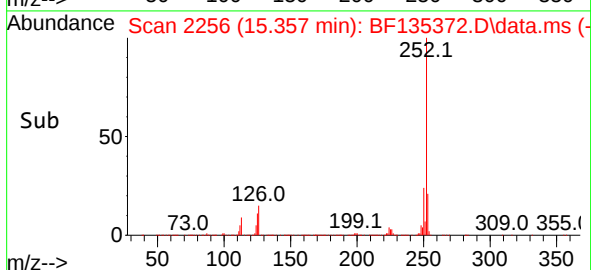
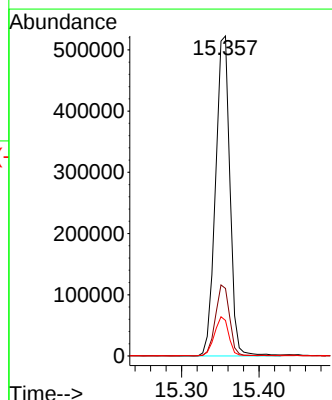
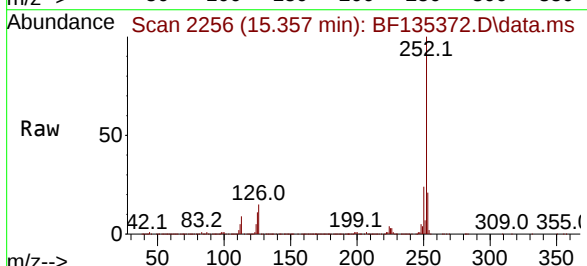
Tgt Ion:252 Resp: 673024

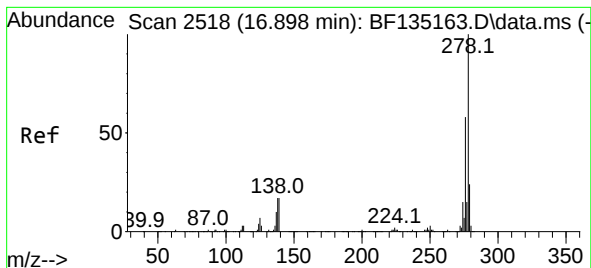
Ion Ratio Lower Upper

252 100

253 21.1 17.5 26.3

125 11.1 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 48.673 ng

RT: 16.915 min Scan# 2521

Delta R.T. 0.018 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

Instrument :

BNA_F

ClientSampleId :

PB155710BS

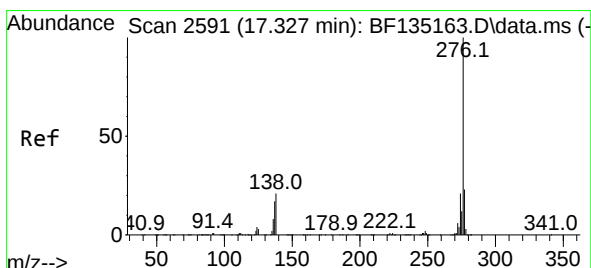
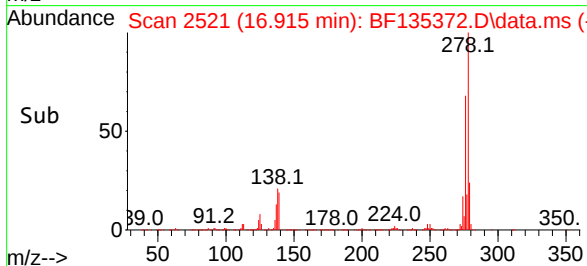
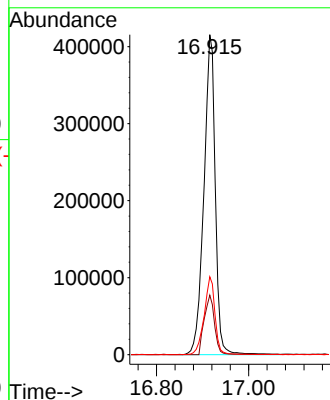
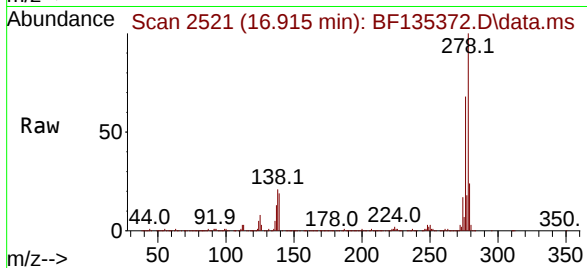
Tgt Ion:278 Resp: 718324

Ion Ratio Lower Upper

278 100

139 18.6 13.4 20.0

279 24.4 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 49.824 ng

RT: 17.351 min Scan# 2595

Delta R.T. 0.024 min

Lab File: BF135372.D

Acq: 21 Sep 2023 10:52

Tgt Ion:276 Resp: 767936

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 25.6 16.9 25.3#

