

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110423\
 Data File : BF136143.D
 Acq On : 04 Nov 2023 12:04
 Operator : CG\JU
 Sample : PB156895BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7D-AT-8-8.5

Quant Time: Nov 06 00:59:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:53:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	105934	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	434384	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	230446	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	432341	20.000	ng	0.00
76) Chrysene-d12	14.010	240	227074	20.000	ng	0.00
86) Perylene-d12	15.492	264	213487	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	799643	118.618	ng	0.01
7) Phenol-d6	6.457	99	991434	118.037	ng	0.00
23) Nitrobenzene-d5	7.387	82	597416	82.908	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	311976	126.834	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1145554	79.243	ng	0.00
79) Terphenyl-d14	12.951	244	1332052	91.162	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	93004	31.682	ng	99
3) Pyridine	3.410	79	232736	29.047	ng	99
4) n-Nitrosodimethylamine	3.375	42	135362	40.406	ng	90
6) Aniline	6.481	93	306861	28.218	ng	98
8) 2-Chlorophenol	6.604	128	318635	44.210	ng	99
9) Benzaldehyde	6.369	77	36724	7.841	ng	98
10) Phenol	6.475	94	375907	43.270	ng	83
11) bis(2-Chloroethyl)ether	6.563	93	287115	42.216	ng	99
12) 1,3-Dichlorobenzene	6.763	146	323843	43.172	ng	99
13) 1,4-Dichlorobenzene	6.840	146	330934	44.022	ng	99
14) 1,2-Dichlorobenzene	6.987	146	313314	44.573	ng	97
15) Benzyl Alcohol	6.963	79	255877	42.964	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.098	45	385093	41.137	ng	99
17) 2-Methylphenol	7.075	107	244612	40.007	ng	97
18) Hexachloroethane	7.328	117	118623	44.895	ng	98
19) n-Nitroso-di-n-propyla...	7.240	70	200234	41.723	ng	98
20) 3+4-Methylphenols	7.228	107	299526	40.175	ng	97
22) Acetophenone	7.234	105	412867	42.863	ng	96
24) Nitrobenzene	7.404	77	311218	42.698	ng	96
25) Isophorone	7.640	82	568575	41.795	ng	99
26) 2-Nitrophenol	7.716	139	161646	48.608	ng	91
27) 2,4-Dimethylphenol	7.757	122	254515	40.501	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	340868	40.895	ng	98
29) 2,4-Dichlorophenol	7.957	162	258576	43.647	ng	97
30) 1,2,4-Trichlorobenzene	8.039	180	282124	43.654	ng	100
31) Naphthalene	8.122	128	879518	41.988	ng	99
32) Benzoic acid	7.881	122	201309	40.842	ng	96
33) 4-Chloroaniline	8.169	127	192243	20.957	ng	99
34) Hexachlorobutadiene	8.239	225	164120	44.282	ng	100
35) Caprolactam	8.545	113	60273	31.289	ng	91
36) 4-Chloro-3-methylphenol	8.657	107	280825	45.152	ng	99
37) 2-Methylnaphthalene	8.816	142	569911	40.577	ng	100
38) 1-Methylnaphthalene	8.916	142	544814	41.682	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	266915	40.613	ng	99
41) Hexachlorocyclopentadiene	8.969	237	297222	84.651	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	182910	42.685	ng	99

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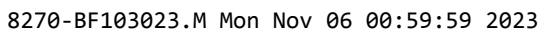
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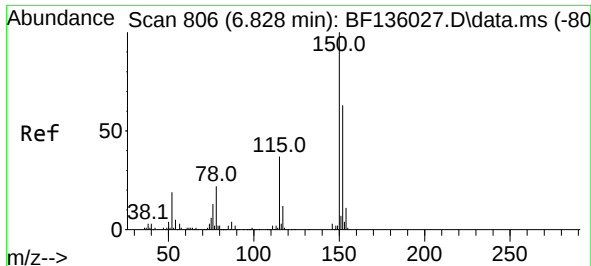
Quant Time: Nov 06 00:59:50 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	201236	40.541	ng	99
46) 1,1'-Biphenyl	9.281	154	723030	41.158	ng	99
47) 2-Chloronaphthalene	9.304	162	552896	42.693	ng	97
48) 2-Nitroaniline	9.404	65	174297	45.477	ng	96
49) Acenaphthylene	9.722	152	868127	42.970	ng	99
50) Dimethylphthalate	9.586	163	649626	42.737	ng	99
51) 2,6-Dinitrotoluene	9.645	165	148296	45.614	ng	89
52) Acenaphthene	9.898	154	536173	41.747	ng	99
53) 3-Nitroaniline	9.816	138	127230	33.540	ng	97
54) 2,4-Dinitrophenol	9.922	184	155691	87.527	ng	# 88
55) Dibenzofuran	10.069	168	782802	41.799	ng	97
56) 4-Nitrophenol	9.981	139	246332	86.812	ng	83
57) 2,4-Dinitrotoluene	10.051	165	197565	48.030	ng	98
58) Fluorene	10.410	166	600917	42.856	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	175015	44.348	ng	97
60) Diethylphthalate	10.292	149	677329	46.636	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	292230	41.751	ng	95
62) 4-Nitroaniline	10.433	138	150911	41.314	ng	95
63) Azobenzene	10.569	77	584609	41.796	ng	97
65) 4,6-Dinitro-2-methylph...	10.457	198	104162	44.348	ng	75
66) n-Nitrosodiphenylamine	10.528	169	544722	41.766	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	191750	42.303	ng	93
68) Hexachlorobenzene	10.957	284	219074	45.253	ng	# 91
69) Atrazine	11.057	200	181663	51.194	ng	97
70) Pentachlorophenol	11.157	266	225675	72.586	ng	98
71) Phenanthrene	11.380	178	942414	43.293	ng	99
72) Anthracene	11.427	178	955826	42.850	ng	100
73) Carbazole	11.586	167	831112	42.877	ng	99
74) Di-n-butylphthalate	11.922	149	974229	43.985	ng	98
75) Fluoranthene	12.574	202	964763	43.141	ng	95
77) Benzidine	12.698	184	154823	34.981	ng	98
78) Pyrene	12.804	202	962157	48.060	ng	99
80) Butylbenzylphthalate	13.433	149	324920	45.340	ng	99
81) Benzo(a)anthracene	13.998	228	647732	43.087	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	176148	36.712	ng	98
83) Chrysene	14.033	228	629621	42.528	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	362118	43.373	ng	# 97
85) Di-n-octyl phthalate	14.621	149	522234	41.754	ng	99
87) Indeno(1,2,3-cd)pyrene	17.009	276	738780	52.949	ng	98
88) Benzo(b)fluoranthene	15.057	252	591452	46.820	ng	99
89) Benzo(k)fluoranthene	15.092	252	525755	42.064	ng	98
90) Benzo(a)pyrene	15.433	252	514355	43.822	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	619537	54.207	ng	# 96
92) Benzo(g,h,i)perylene	17.474	276	617078	47.458	ng	98

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

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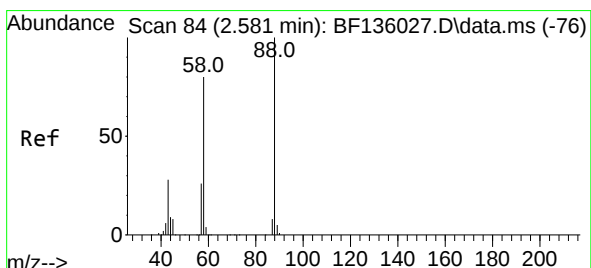
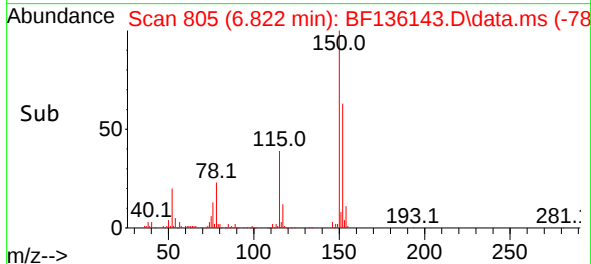
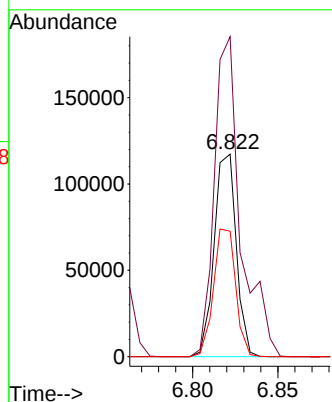
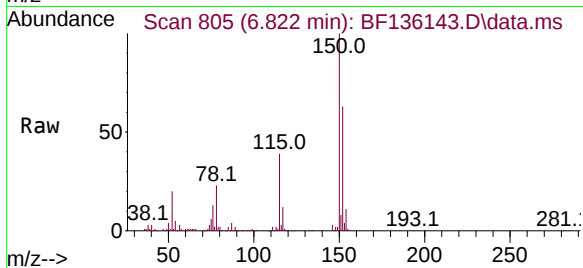




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF136143.D
 Acq: 04 Nov 2023 12:04

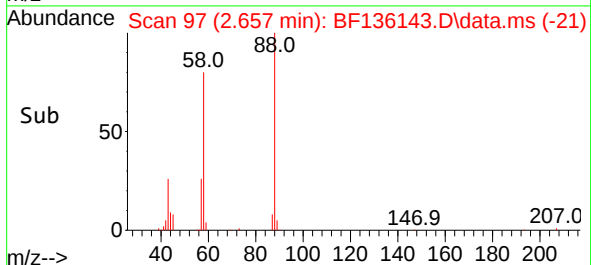
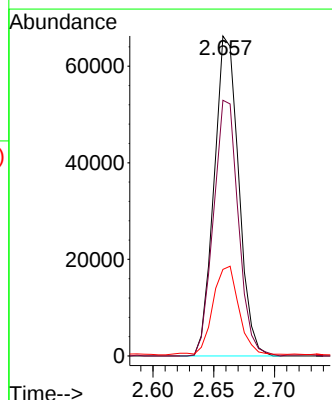
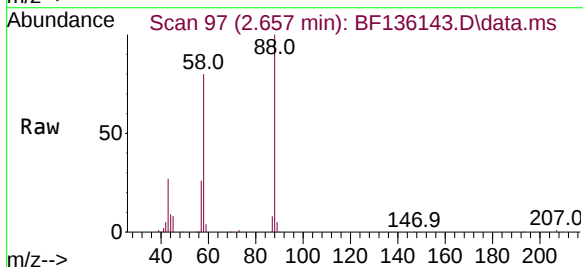
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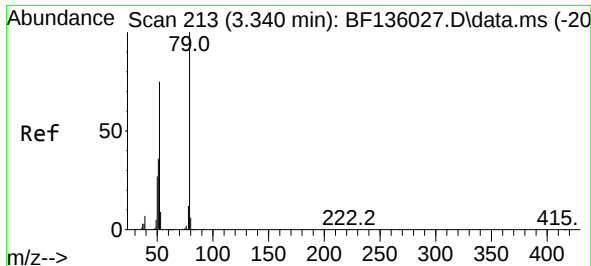
Tgt Ion:152 Resp: 105934
 Ion Ratio Lower Upper
 152 100
 150 157.9 126.4 189.6
 115 61.9 47.0 70.4



#2
 1,4-Dioxane
 Concen: 31.682 ng
 RT: 2.657 min Scan# 97
 Delta R.T. 0.094 min
 Lab File: BF136143.D
 Acq: 04 Nov 2023 12:04

Tgt Ion: 88 Resp: 93004
 Ion Ratio Lower Upper
 88 100
 58 80.6 64.3 96.5
 43 30.0 22.3 33.5

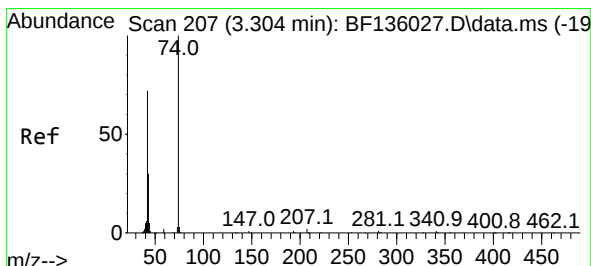
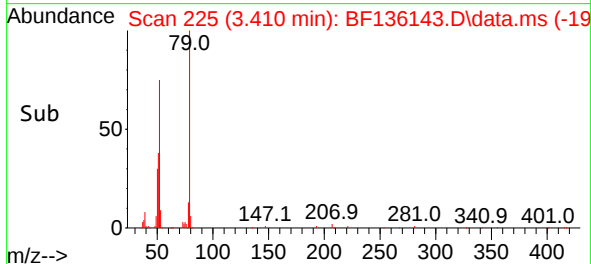
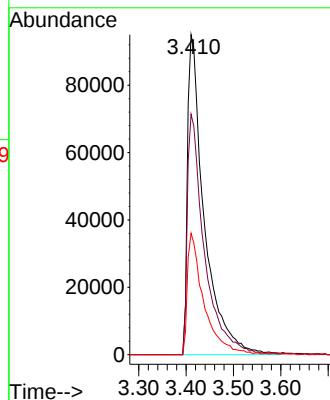
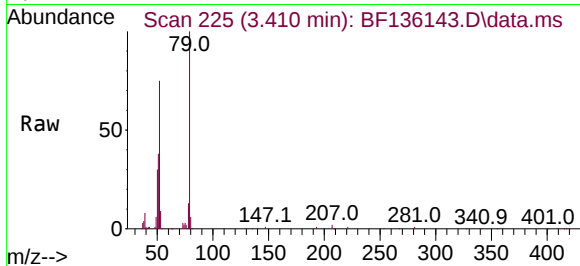




#3
 Pyridine
 Concen: 29.047 ng
 RT: 3.410 min Scan# 213
 Delta R.T. 0.088 min
 Lab File: BF136143.D
 Acq: 04 Nov 2023 12:04

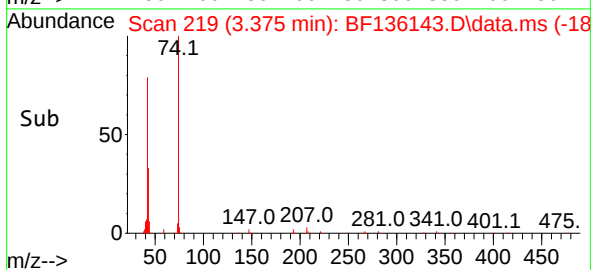
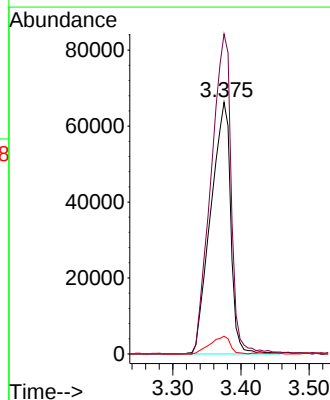
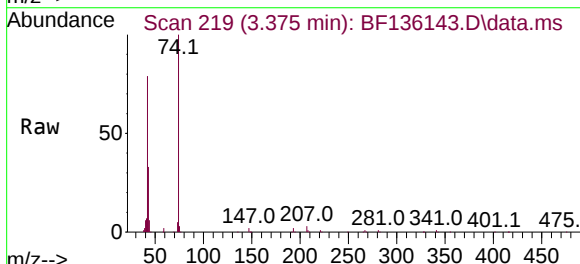
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 ClientSampleId :
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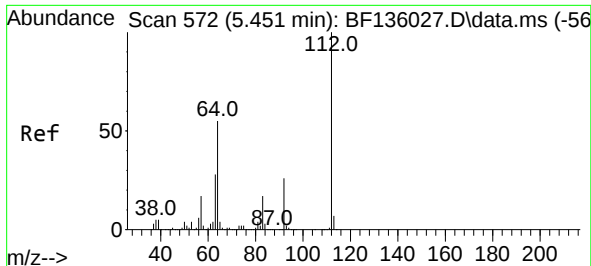
Tgt Ion: 79 Resp: 232736
 Ion Ratio Lower Upper
 79 100
 52 75.1 60.3 90.5
 51 38.0 29.3 43.9



#4
 n-Nitrosodimethylamine
 Concen: 40.406 ng
 RT: 3.375 min Scan# 219
 Delta R.T. 0.083 min
 Lab File: BF136143.D
 Acq: 04 Nov 2023 12:04

Tgt Ion: 42 Resp: 135362
 Ion Ratio Lower Upper
 42 100
 74 127.2 111.8 167.6
 44 7.1 6.2 9.4

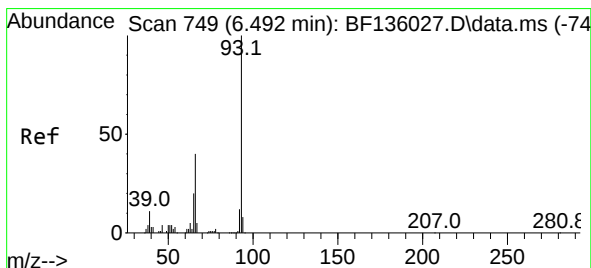
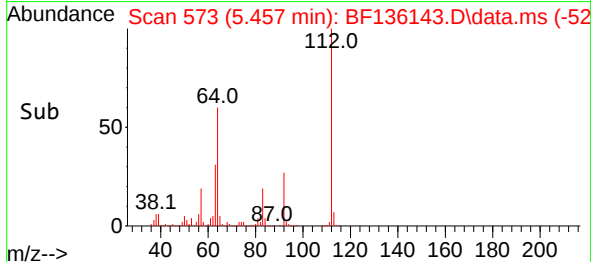
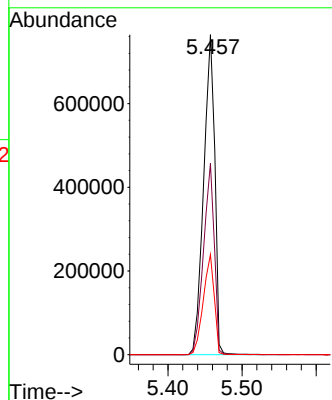
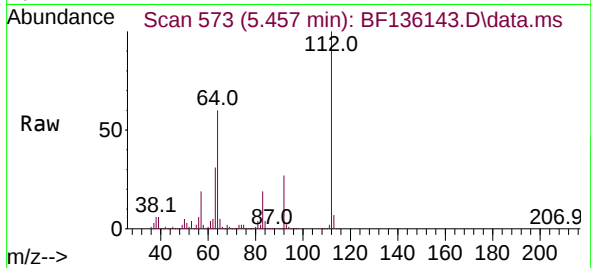




#5
2-Fluorophenol
Concen: 118.618 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

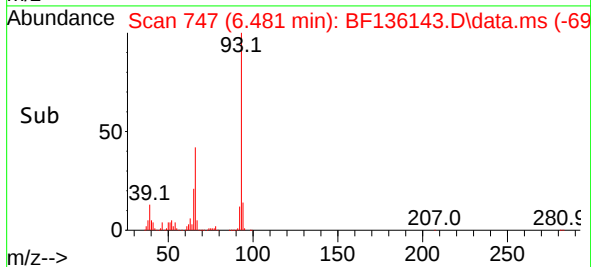
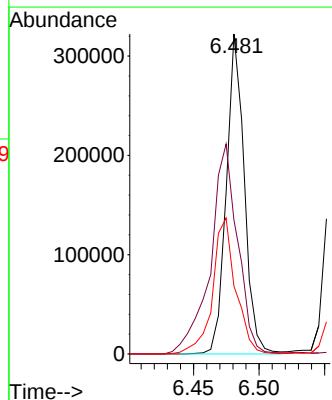
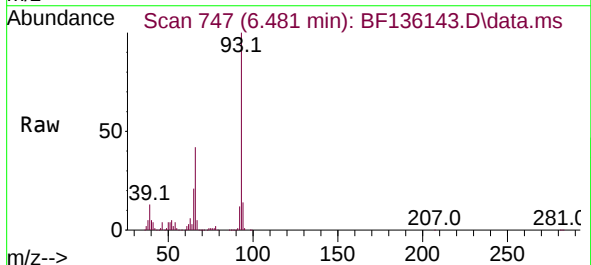
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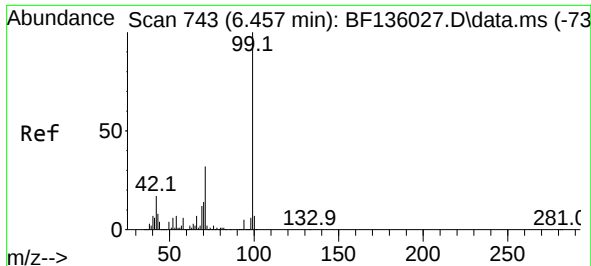
Tgt Ion:112 Resp: 799643
Ion Ratio Lower Upper
112 100
64 59.8 43.9 65.9
63 31.3 22.4 33.6



#6
Aniline
Concen: 28.218 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

Tgt Ion: 93 Resp: 306861
Ion Ratio Lower Upper
93 100
66 41.8 32.4 48.6
65 21.2 16.2 24.2

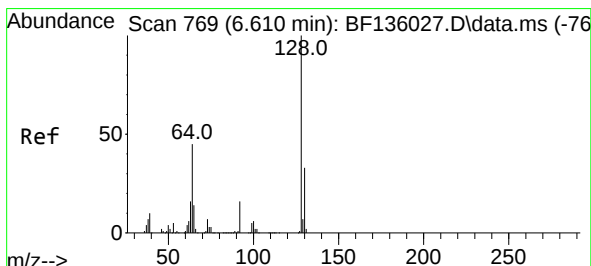
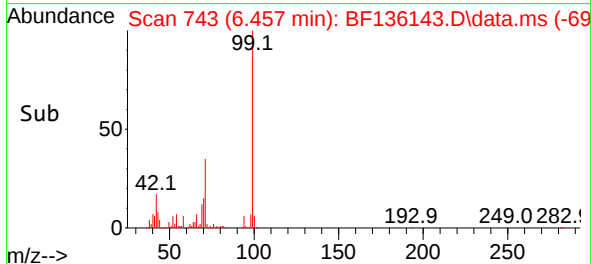
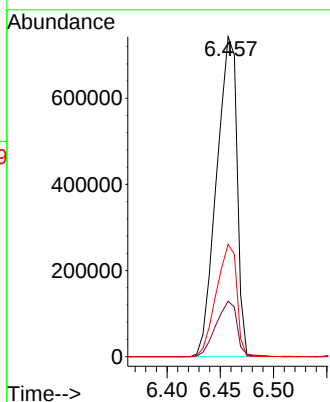
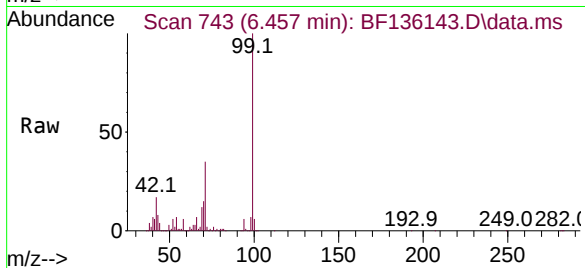




#7
Phenol-d6
Concen: 118.037 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

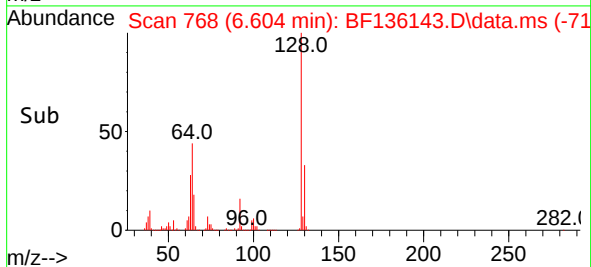
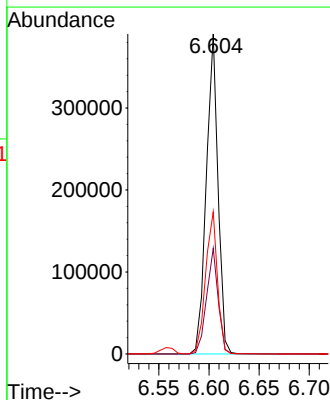
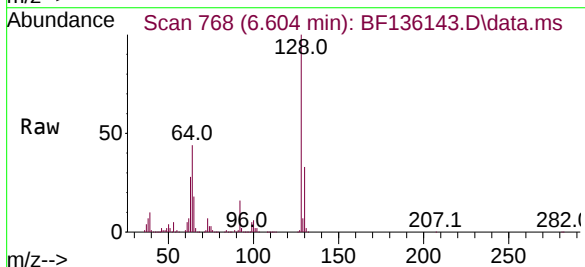
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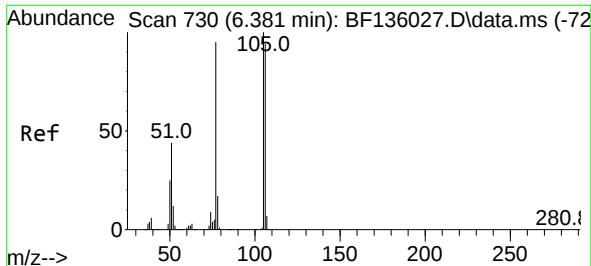
Tgt Ion: 99 Resp: 991434
Ion Ratio Lower Upper
99 100
42 17.4 13.7 20.5
71 35.1 25.9 38.9



#8
2-Chlorophenol
Concen: 44.210 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

Tgt Ion: 128 Resp: 318635
Ion Ratio Lower Upper
128 100
130 33.0 12.8 52.8
64 44.4 25.8 65.8





#9

Benzaldehyde

Concen: 7.841 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

SB-7D-AT-8-8.5

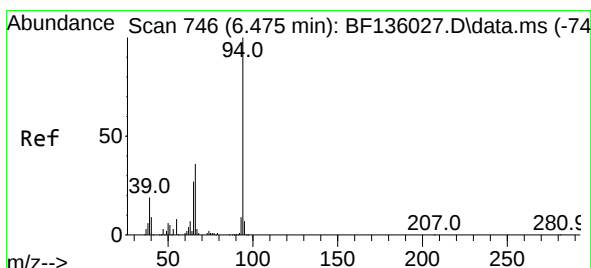
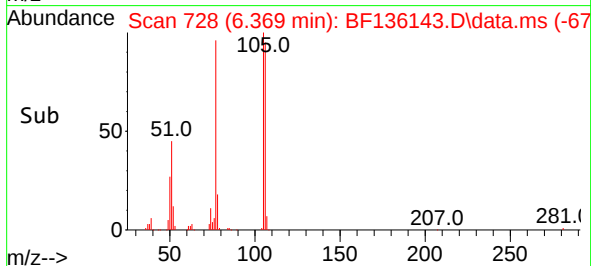
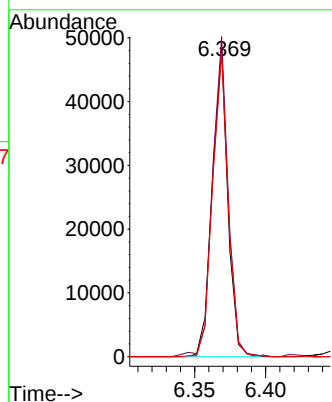
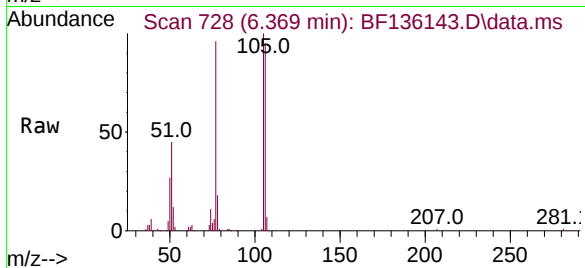
Tgt Ion: 77 Resp: 36724

Ion Ratio Lower Upper

77 100

105 103.7 85.7 125.7

106 98.3 79.8 119.8



#10

Phenol

Concen: 43.270 ng

RT: 6.475 min Scan# 746

Delta R.T. 0.006 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

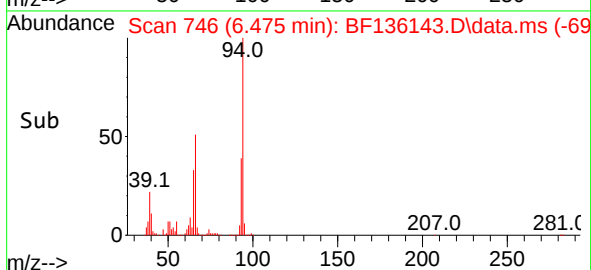
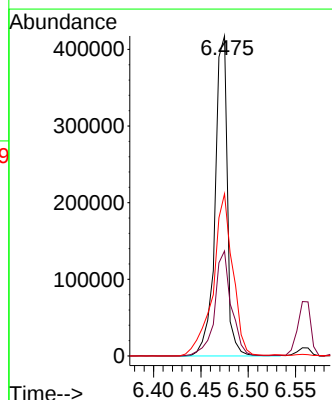
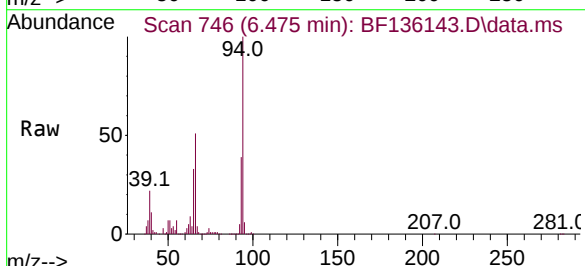
Tgt Ion: 94 Resp: 375907

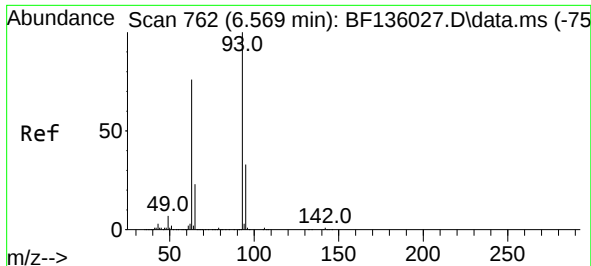
Ion Ratio Lower Upper

94 100

65 32.8 7.5 47.5

66 50.7 17.1 57.1

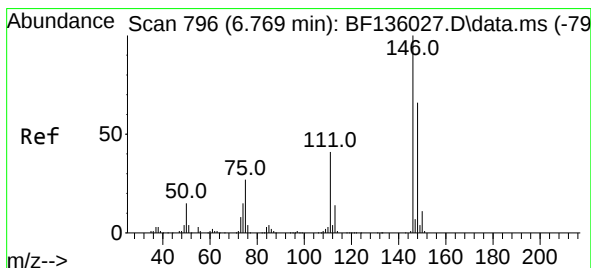
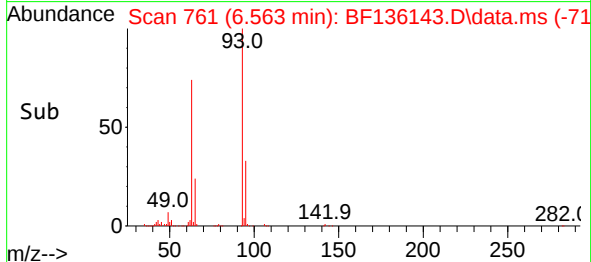
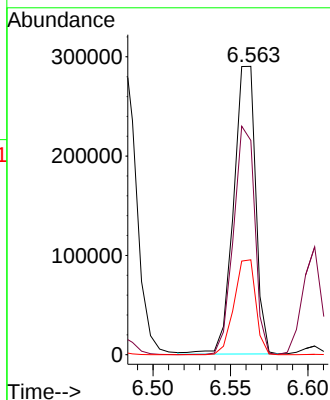
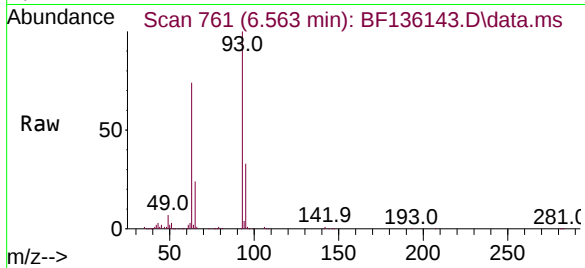




#11
bis(2-Chloroethyl)ether
Concen: 42.216 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

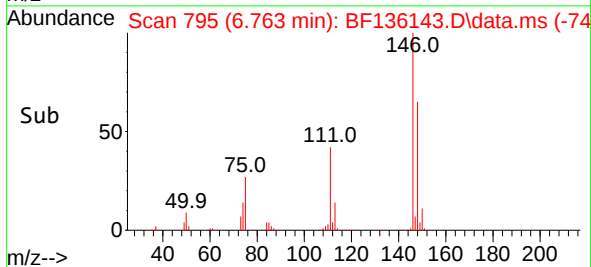
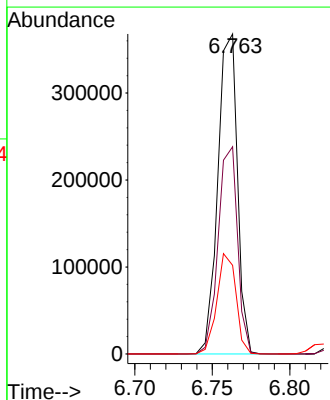
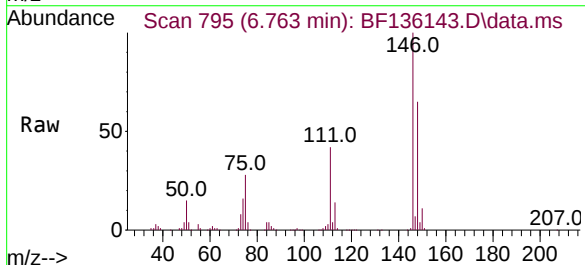
Instrument :
BNA_F
ClientSampleId :
SB-7D-AT-8-8.5

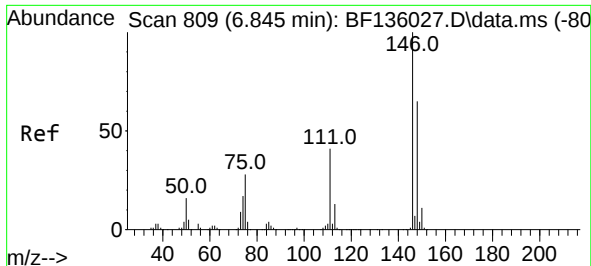
Tgt Ion: 93 Resp: 287115
Ion Ratio Lower Upper
93 100
63 74.3 55.8 95.8
95 32.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 43.172 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

Tgt Ion:146 Resp: 323843
Ion Ratio Lower Upper
146 100
148 64.7 52.6 78.8
75 27.7 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 44.022 ng

RT: 6.840 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF136143.D

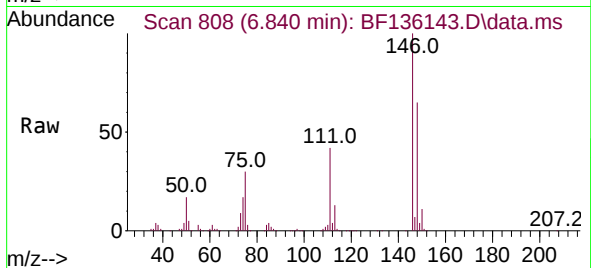
Acq: 04 Nov 2023 12:04

Instrument :

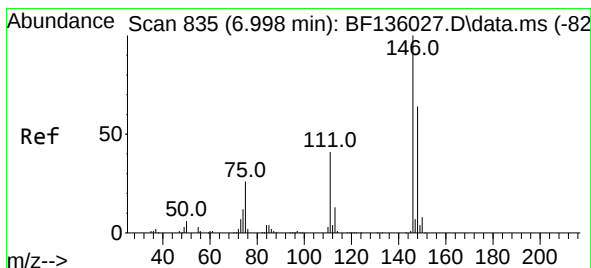
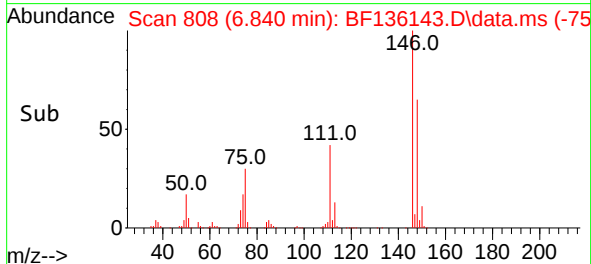
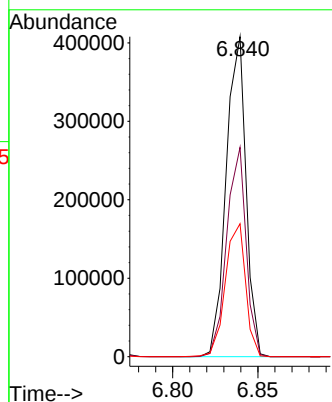
BNA_F

ClientSampleId :

SB-7D-AT-8-8.5



Tgt Ion:146	Resp:	330934
Ion	Ratio	Lower Upper
146	100	
148	65.4	52.1 78.1
111	41.6	32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 44.573 ng

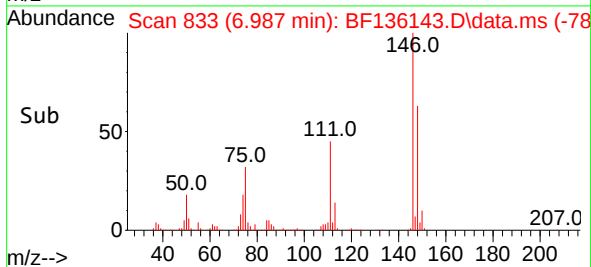
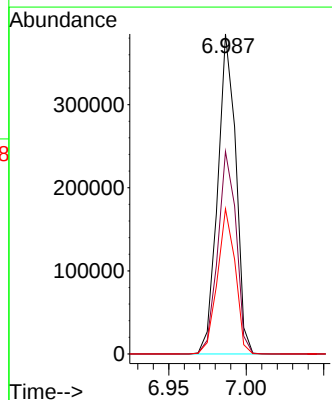
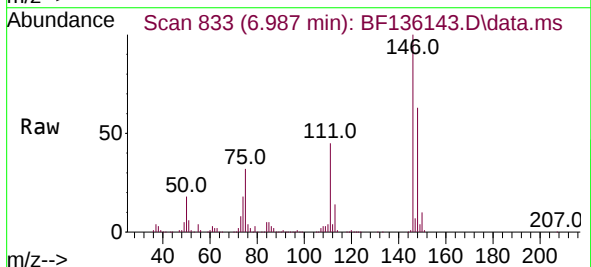
RT: 6.987 min Scan# 833

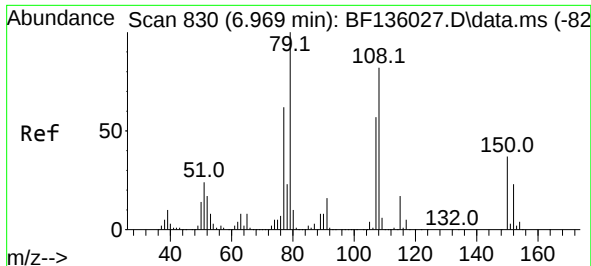
Delta R.T. -0.006 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Tgt Ion:146	Resp:	313314
Ion	Ratio	Lower Upper
146	100	
148	63.3	51.4 77.2
111	45.3	33.0 49.4

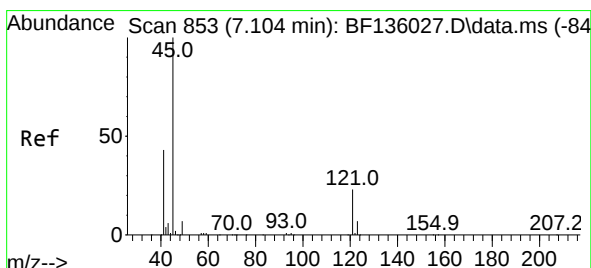
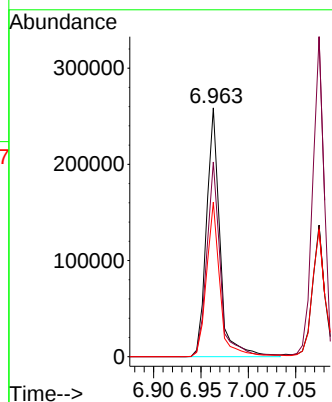
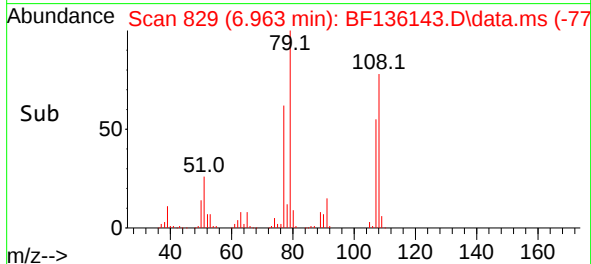
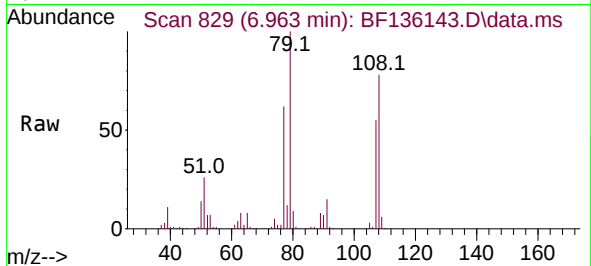




#15
Benzyl Alcohol
Concen: 42.964 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

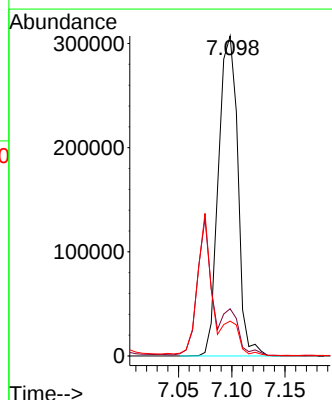
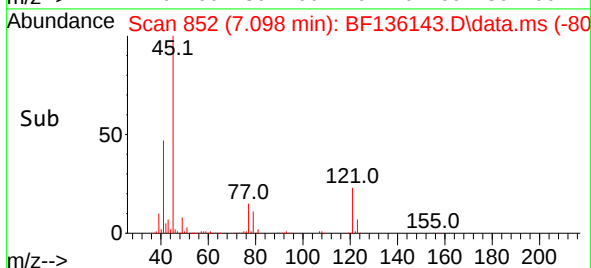
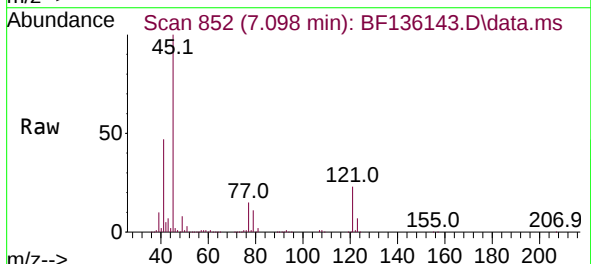
Instrument :
BNA_F
ClientSampleId :
SB-7D-AT-8-8.5

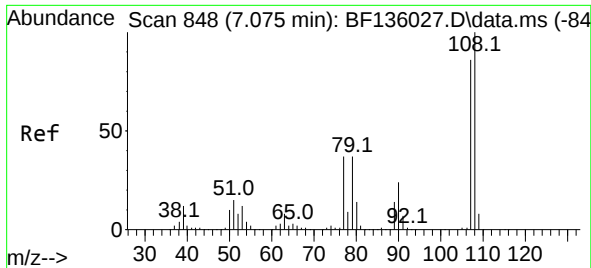
Tgt Ion: 79 Resp: 255877
Ion Ratio Lower Upper
79 100
108 78.3 65.9 98.9
77 62.1 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.137 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

Tgt Ion: 45 Resp: 385093
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.6
79 10.9 0.0 30.6



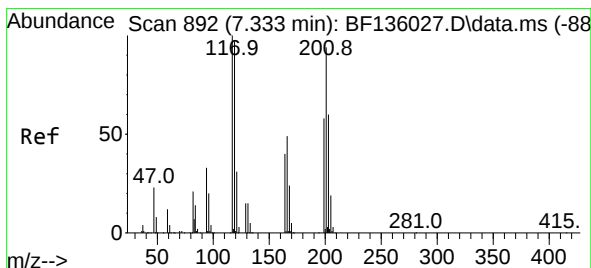
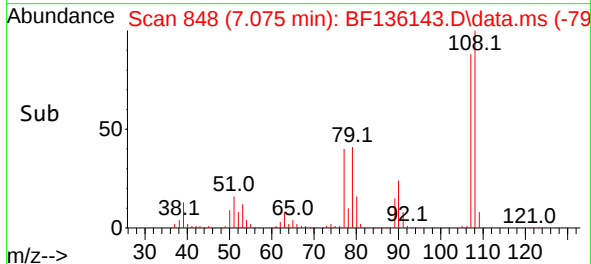
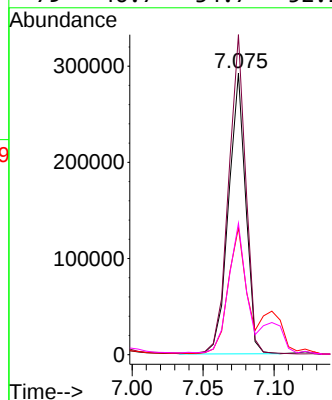
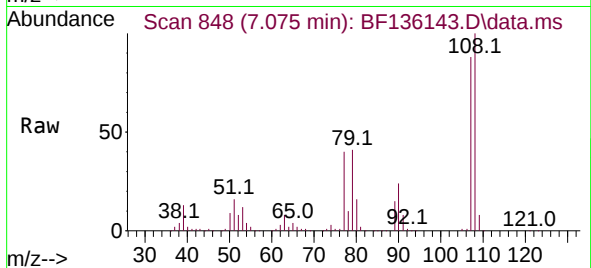


#17
2-Methylphenol
Concen: 40.007 ng
RT: 7.075 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

Instrument :
BNA_F
ClientSampleId :
SB-7D-AT-8-8.5

Tgt Ion:107 Resp: 244612

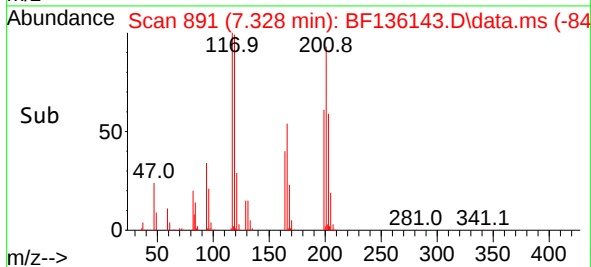
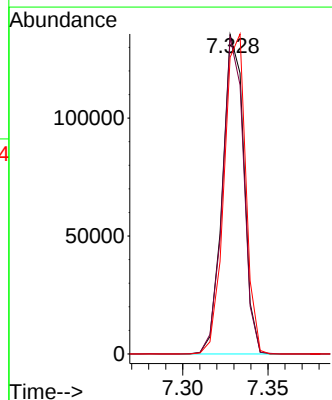
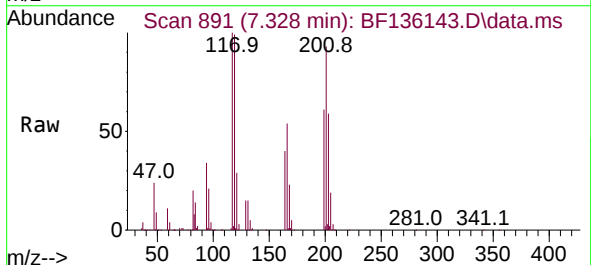
Ion	Ratio	Lower	Upper
107	100		
108	113.6	93.4	140.2
77	45.1	34.4	51.6
79	46.7	34.7	52.1

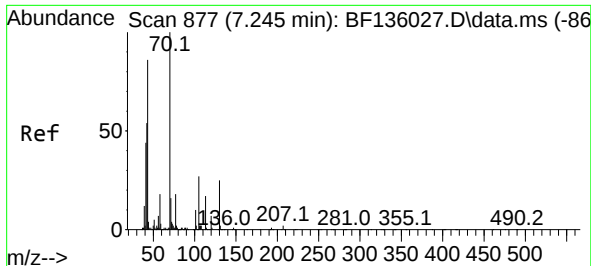


#18
Hexachloroethane
Concen: 44.895 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

Tgt Ion:117 Resp: 118623

Ion	Ratio	Lower	Upper
117	100		
119	99.2	77.7	116.5
201	92.9	75.0	112.6





#19

n-Nitroso-di-n-propylamine

Concen: 41.723 ng

RT: 7.240 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

SB-7D-AT-8-8.5

Tgt Ion: 70 Resp: 200234

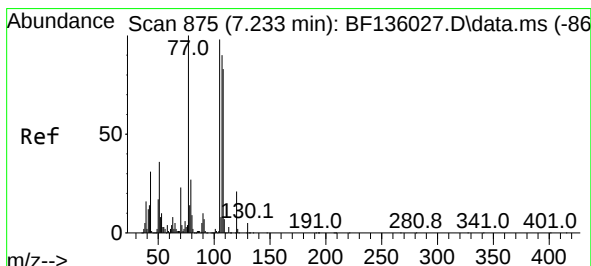
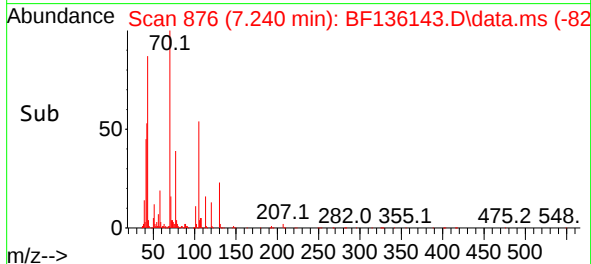
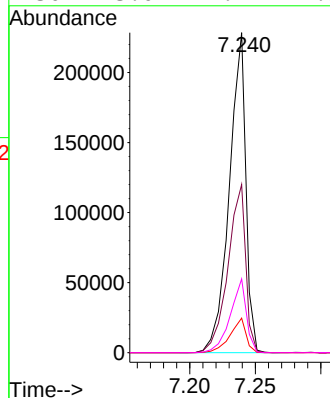
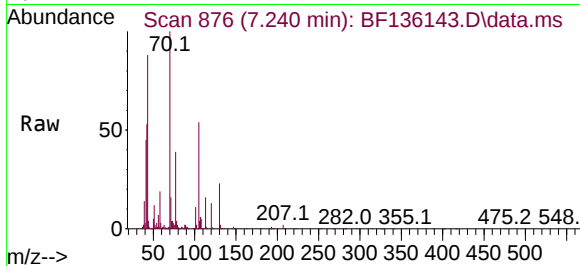
Ion Ratio Lower Upper

70 100

42 52.6 43.0 64.4

101 10.8 8.0 12.0

130 23.0 19.7 29.5



#20

3+4-Methylphenols

Concen: 40.175 ng

RT: 7.228 min Scan# 874

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Tgt Ion:107 Resp: 299526

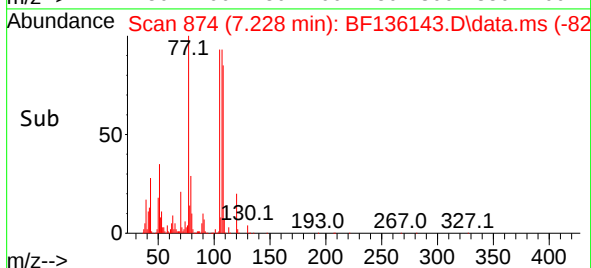
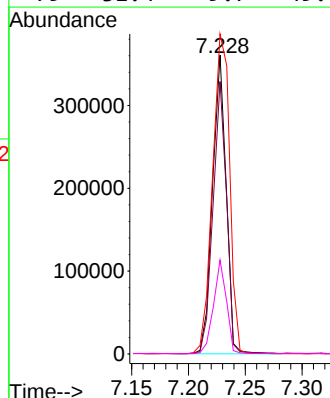
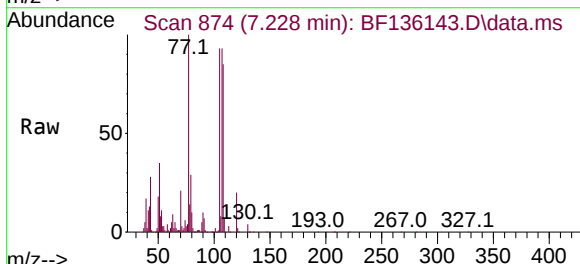
Ion Ratio Lower Upper

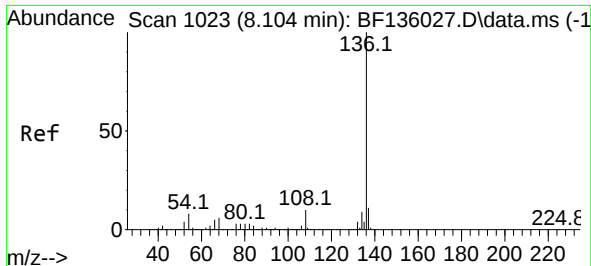
107 100

108 91.1 72.3 112.3

77 107.0 91.4 131.4

79 31.4 9.7 49.7

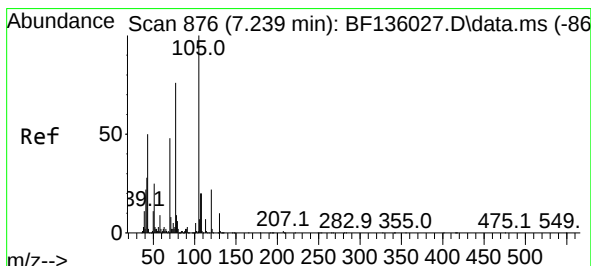
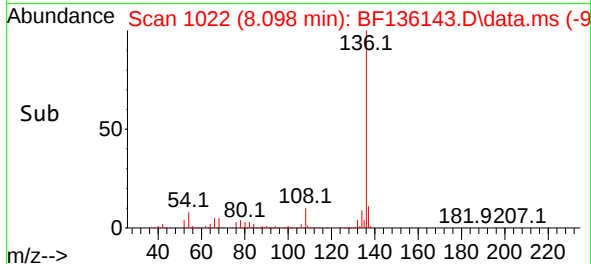
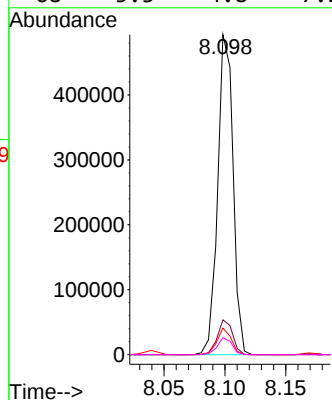
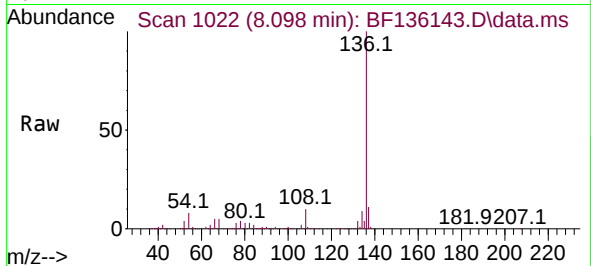




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

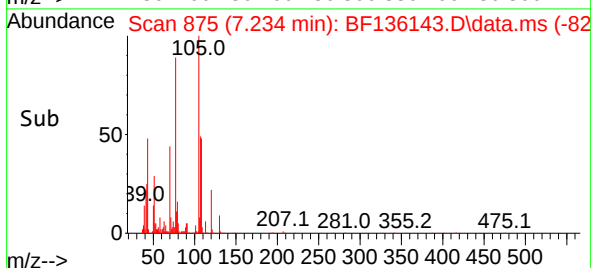
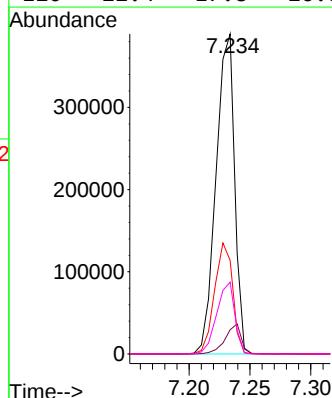
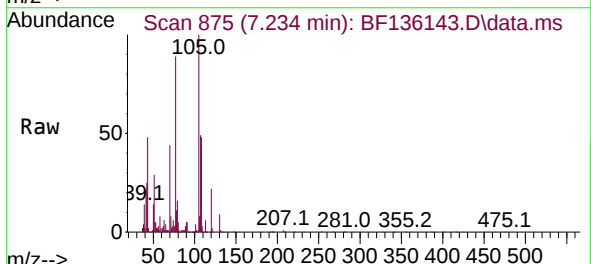
Instrument :
BNA_F
ClientSampleId :
SB-7D-AT-8-8.5

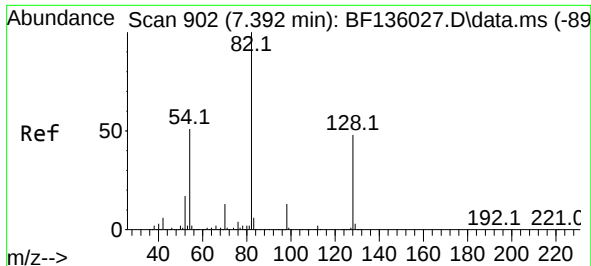
Tgt Ion:136 Resp: 434384
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.3 6.6 9.8
68 5.3 4.8 7.2



#22
Acetophenone
Concen: 42.863 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

Tgt Ion:105 Resp: 412867
Ion Ratio Lower Upper
105 100
71 7.5 6.5 9.7
51 29.2 20.3 30.5
120 22.4 17.8 26.8





#23

Nitrobenzene-d5

Concen: 82.908 ng

RT: 7.387 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

SB-7D-AT-8-8.5

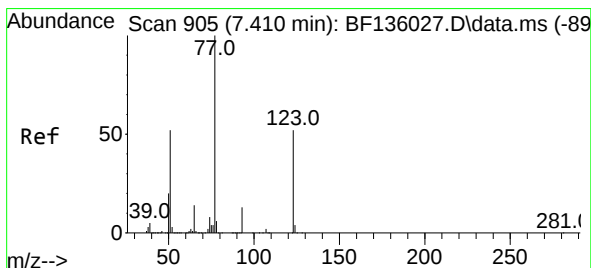
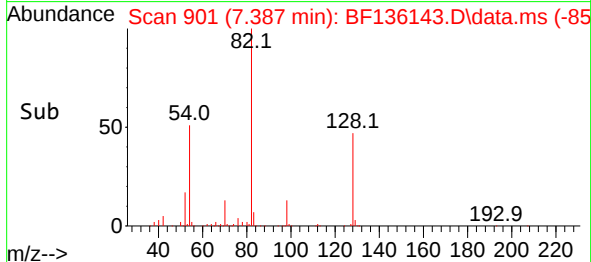
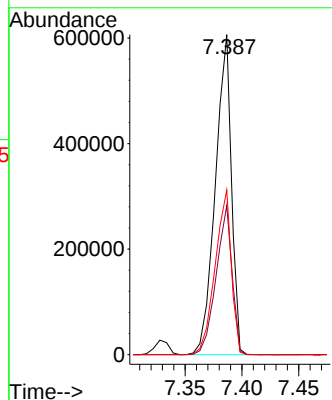
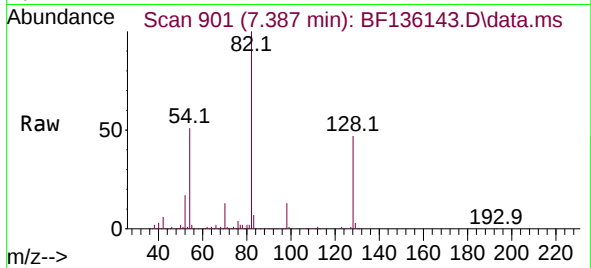
Tgt Ion: 82 Resp: 597416

Ion Ratio Lower Upper

82 100

128 46.6 38.6 57.8

54 51.4 40.8 61.2



#24

Nitrobenzene

Concen: 42.698 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

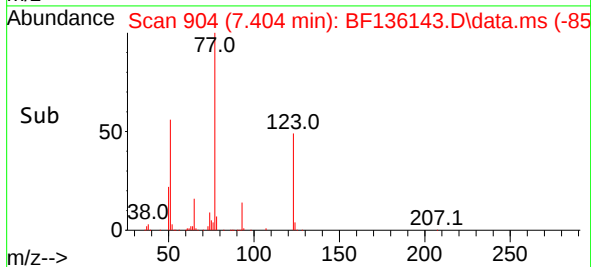
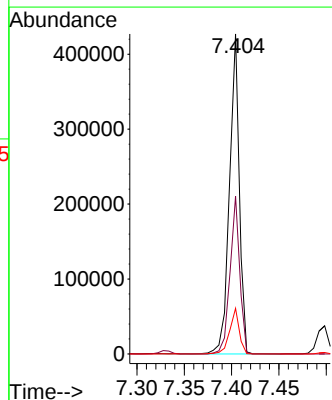
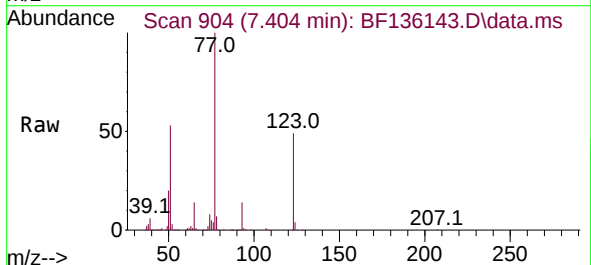
Tgt Ion: 77 Resp: 311218

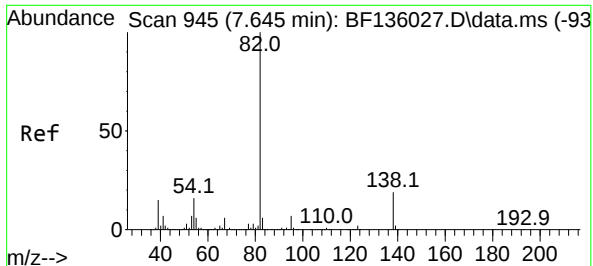
Ion Ratio Lower Upper

77 100

123 49.3 42.3 63.5

65 14.3 11.0 16.6

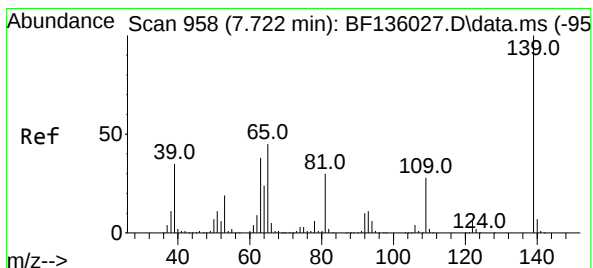
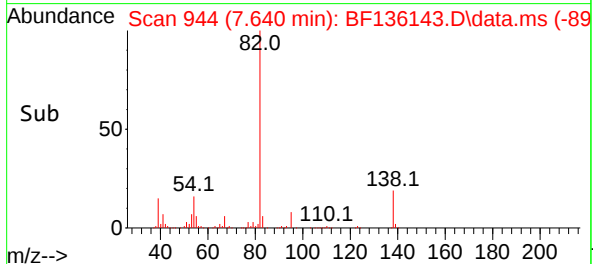
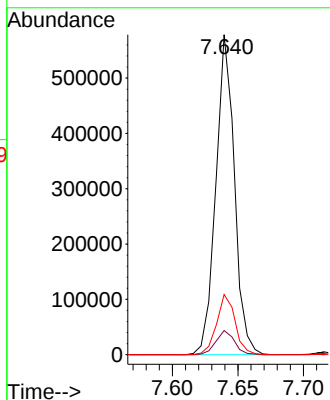
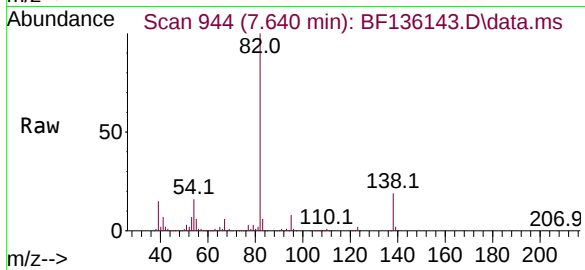




#25
Isophorone
Concen: 41.795 ng
RT: 7.640 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

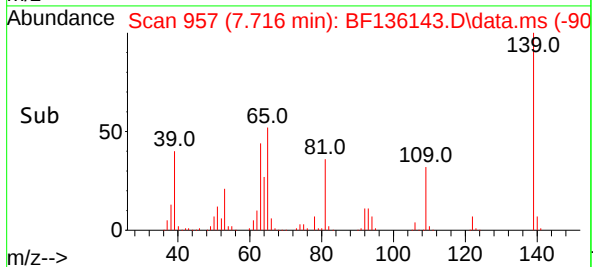
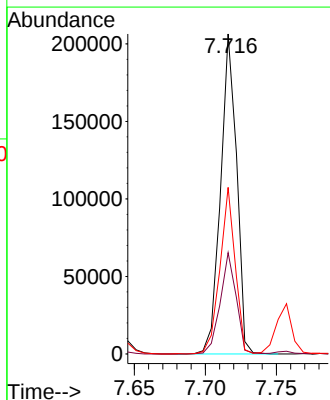
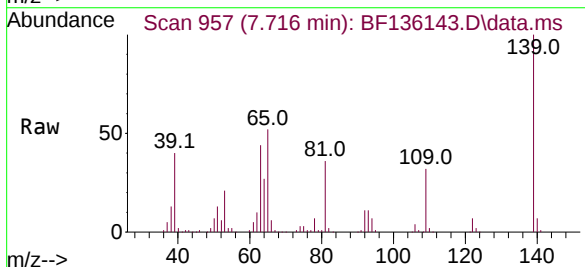
Instrument :
BNA_F
ClientSampleId :
SB-7D-AT-8-8.5

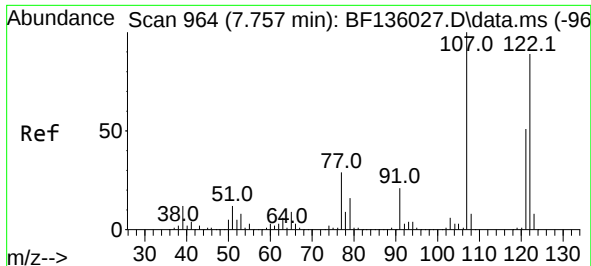
Tgt Ion: 82 Resp: 568575
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 18.8 15.3 22.9



#26
2-Nitrophenol
Concen: 48.608 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

Tgt Ion:139 Resp: 161646
Ion Ratio Lower Upper
139 100
109 31.7 22.6 34.0
65 52.0 36.3 54.5

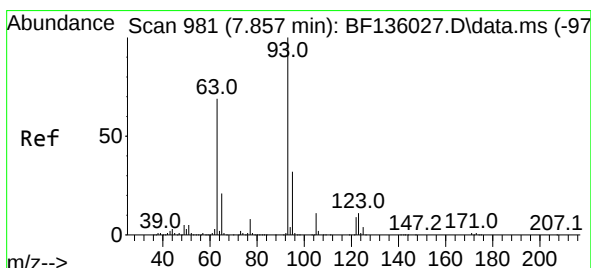
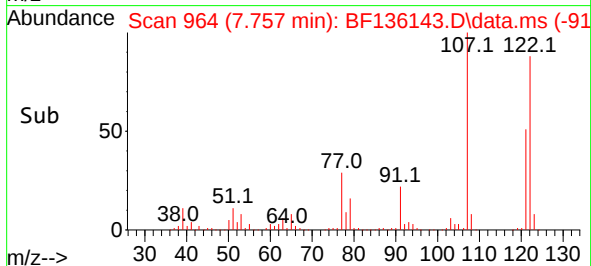
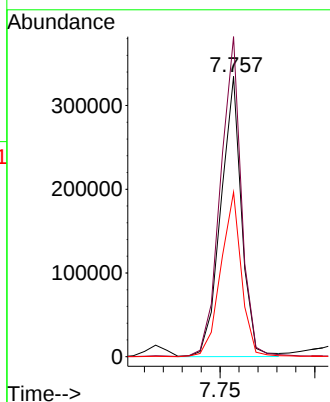
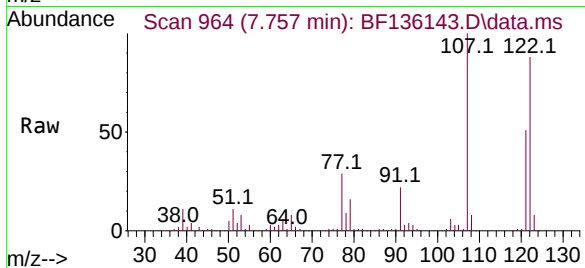




#27
2,4-Dimethylphenol
Concen: 40.501 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

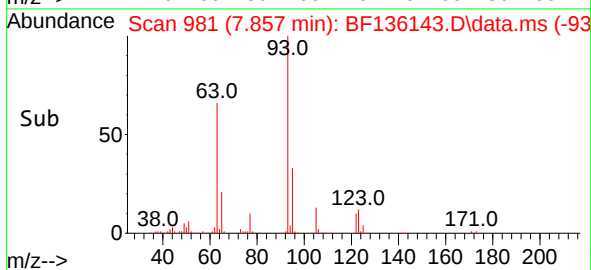
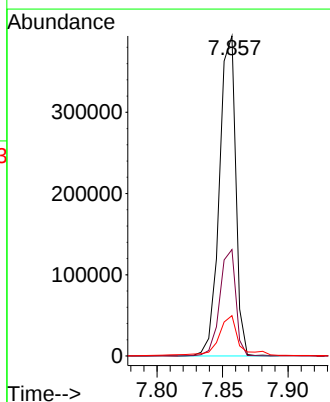
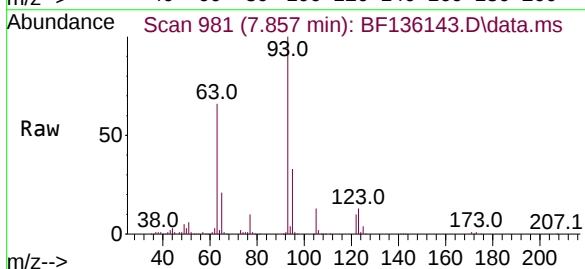
Instrument :
BNA_F
ClientSampleId :
SB-7D-AT-8-8.5

Tgt Ion:	122	Resp:	254515
Ion	Ratio	Lower	Upper
122	100		
107	114.2	89.6	134.4
121	58.7	46.0	69.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.895 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

Tgt Ion:	93	Resp:	340868
Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.7	38.5
123	12.6	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 43.647 ng

RT: 7.957 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

SB-7D-AT-8-8.5

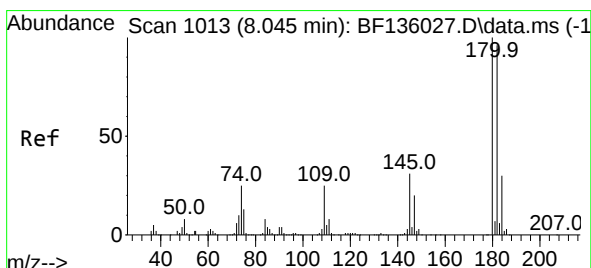
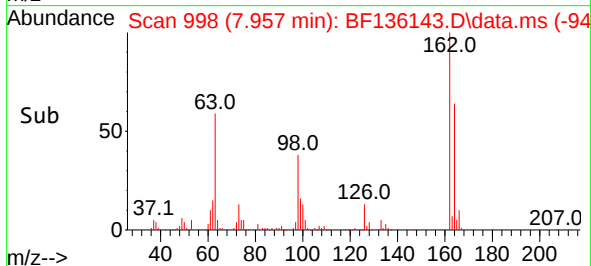
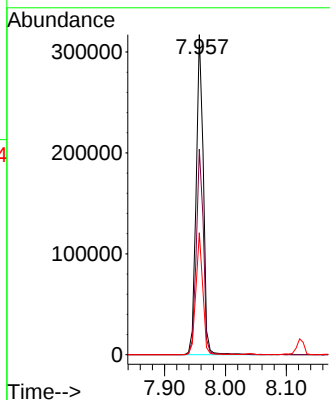
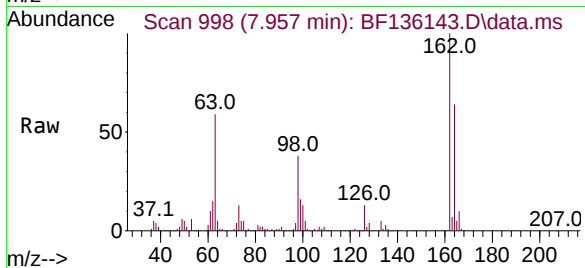
Tgt Ion:162 Resp: 258576

Ion Ratio Lower Upper

162 100

164 64.2 45.5 85.5

98 38.1 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 43.654 ng

RT: 8.039 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

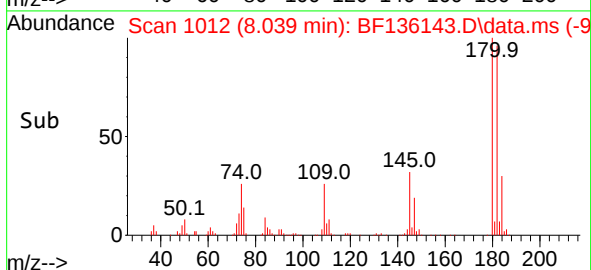
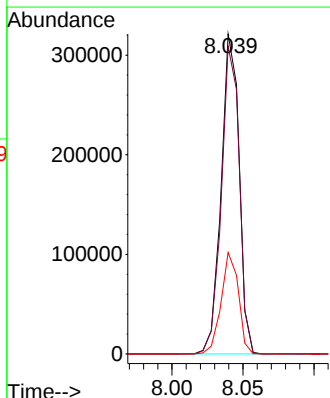
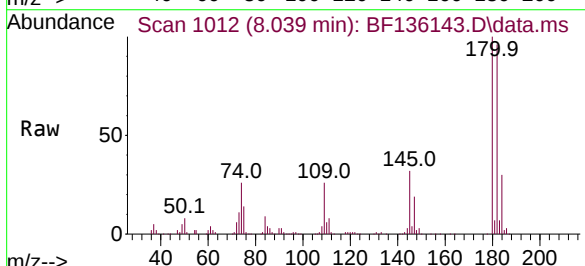
Tgt Ion:180 Resp: 282124

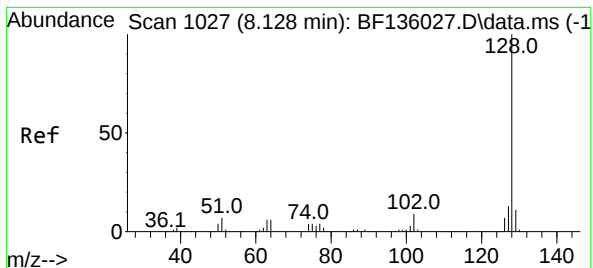
Ion Ratio Lower Upper

180 100

182 96.2 76.9 115.3

145 31.7 24.7 37.1





#31

Naphthalene

Concen: 41.988 ng

RT: 8.122 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

SB-7D-AT-8-8.5

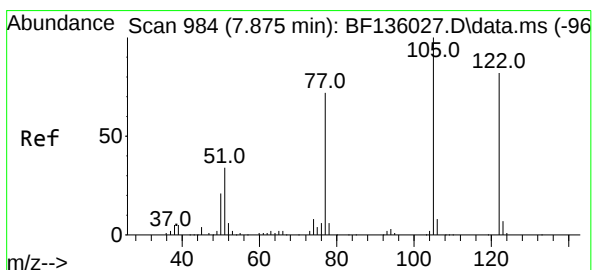
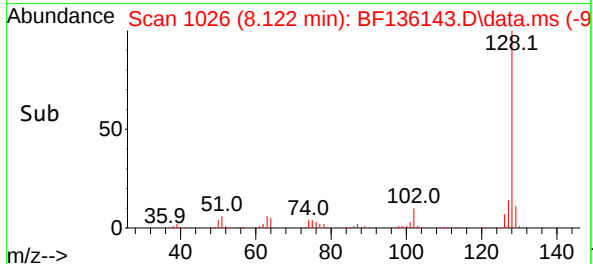
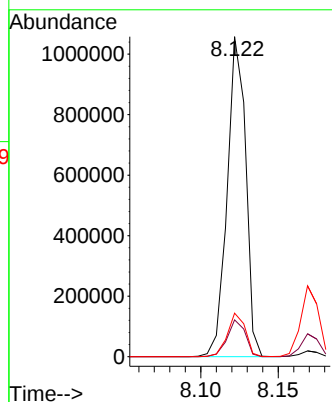
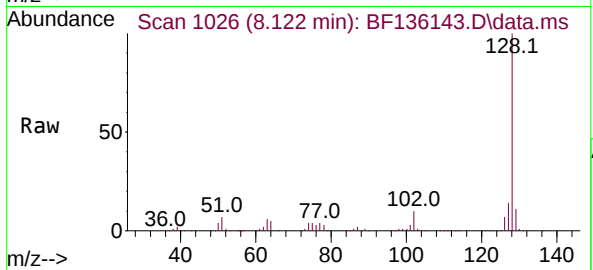
Tgt Ion:128 Resp: 879518

Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

127 13.6 10.5 15.7



#32

Benzoic acid

Concen: 40.842 ng

RT: 7.881 min Scan# 985

Delta R.T. 0.012 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

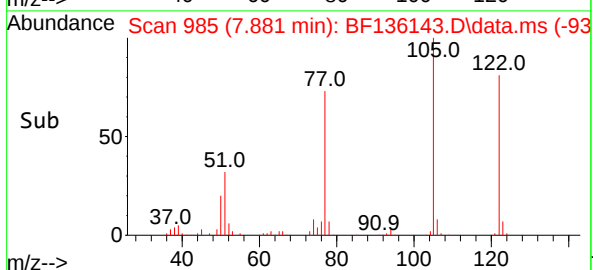
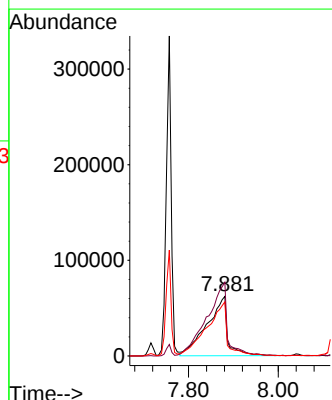
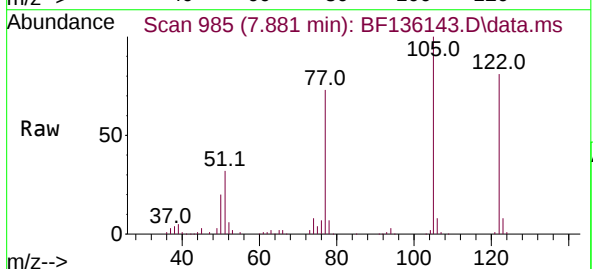
Tgt Ion:122 Resp: 201309

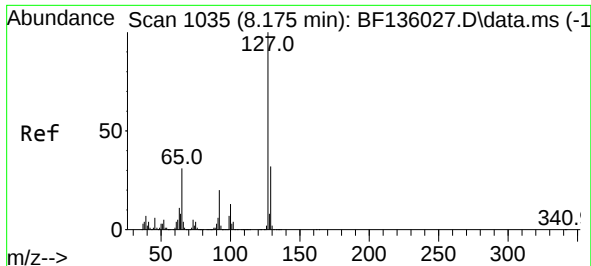
Ion Ratio Lower Upper

122 100

105 124.0 99.5 139.5

77 90.7 66.8 106.8

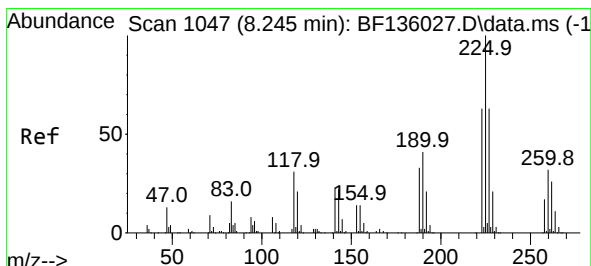
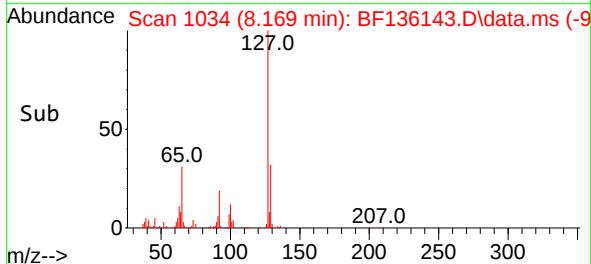
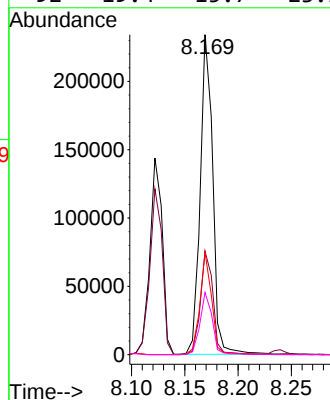
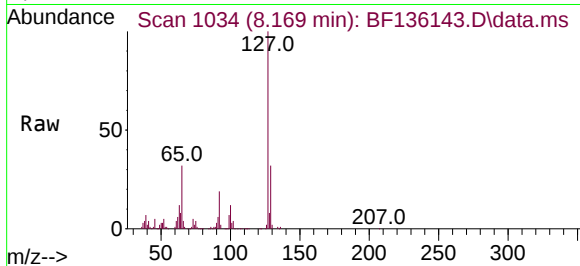




#33
4-Chloroaniline
Concen: 20.957 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

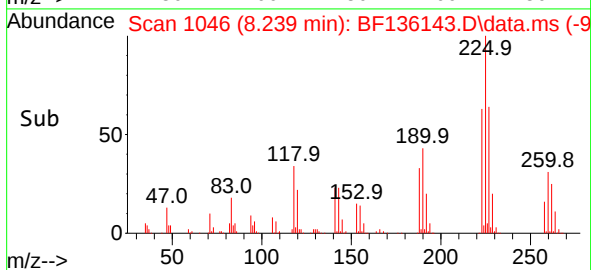
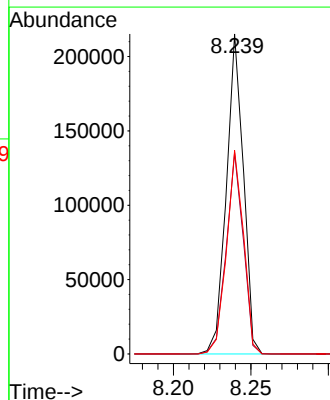
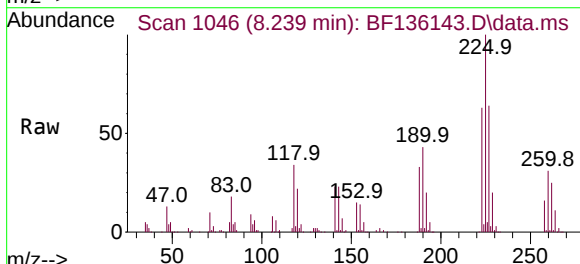
Instrument :
BNA_F
ClientSampleId :
SB-7D-AT-8-8.5

Tgt	Ion:127	Resp:	192243
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	32.0	24.6	37.0
92	19.4	15.7	23.5



#34
Hexachlorobutadiene
Concen: 44.282 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

Tgt Ion:225	Resp: 164120
Ion Ratio	Lower Upper
225 100	
223 62.9	50.3 75.5
227 63.6	50.6 75.8

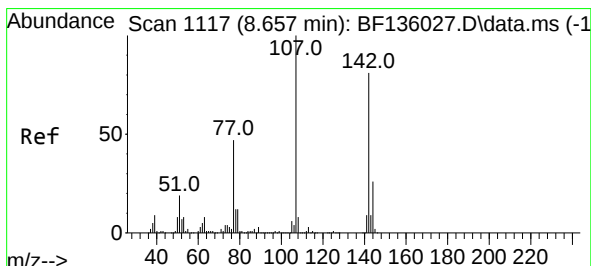
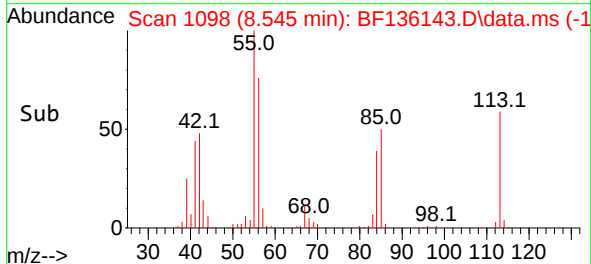
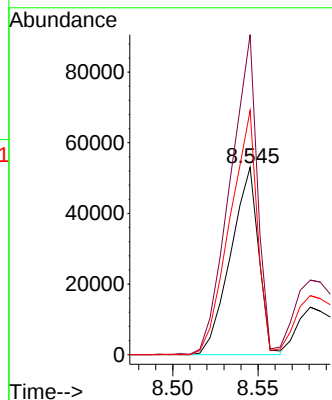
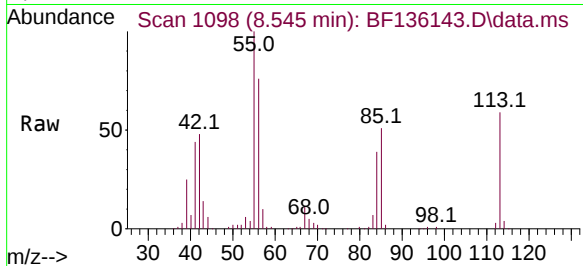




#35
Caprolactam
Concen: 31.289 ng
RT: 8.545 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

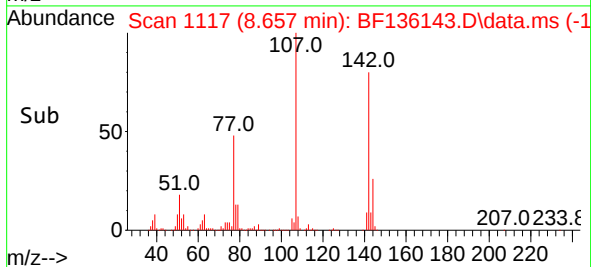
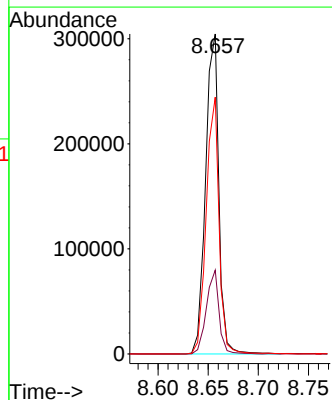
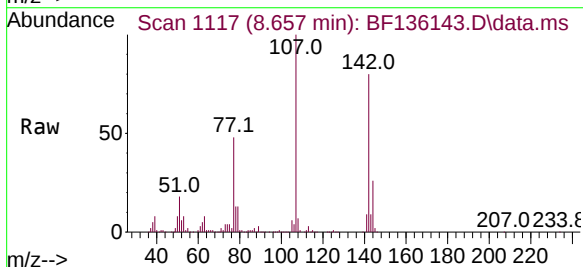
Instrument :
BNA_F
ClientSampleId :
SB-7D-AT-8-8.5

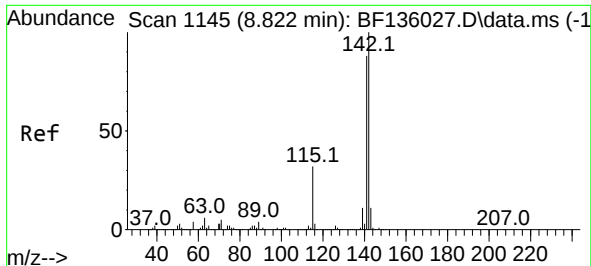
Tgt Ion:113 Resp: 60273
Ion Ratio Lower Upper
113 100
55 170.9 142.2 182.2
56 130.4 97.7 137.7



#36
4-Chloro-3-methylphenol
Concen: 45.152 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

Tgt Ion:107 Resp: 280825
Ion Ratio Lower Upper
107 100
144 26.2 20.6 31.0
142 80.3 64.6 97.0





#37

2-Methylnaphthalene

Concen: 40.577 ng

RT: 8.816 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

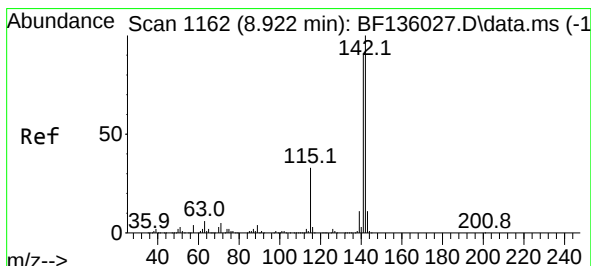
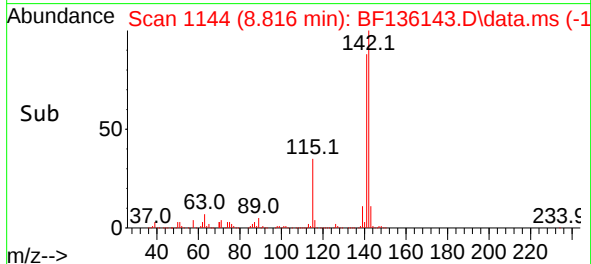
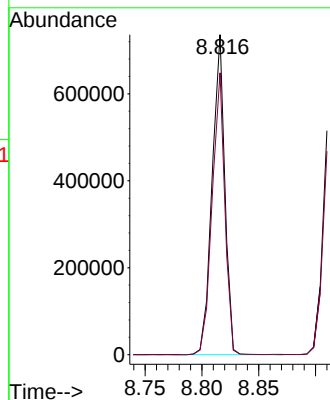
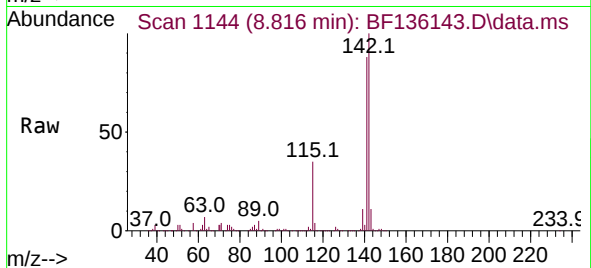
SB-7D-AT-8-8.5

Tgt Ion:142 Resp: 569911

Ion Ratio Lower Upper

142 100

141 88.1 70.4 105.6



#38

1-Methylnaphthalene

Concen: 41.682 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF136143.D

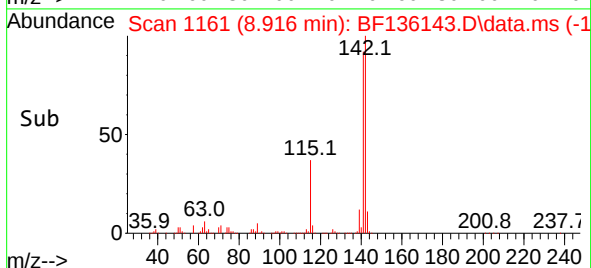
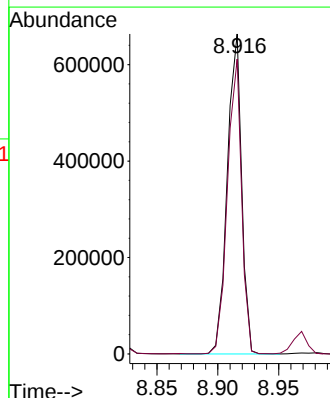
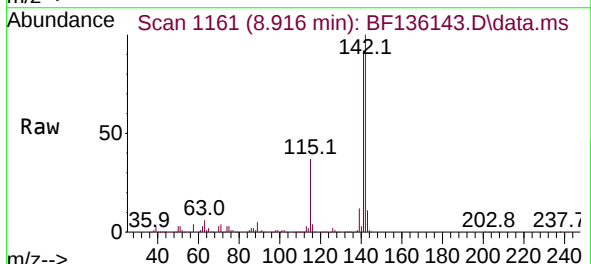
Acq: 04 Nov 2023 12:04

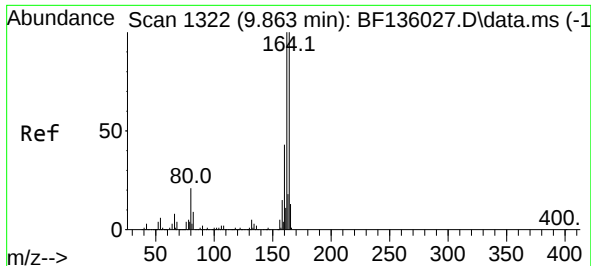
Tgt Ion:142 Resp: 544814

Ion Ratio Lower Upper

142 100

141 92.1 72.6 109.0

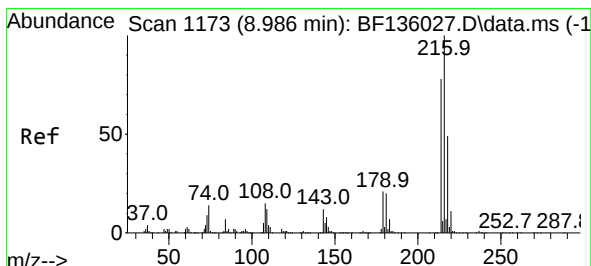
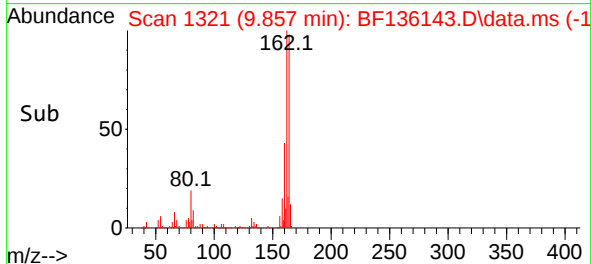
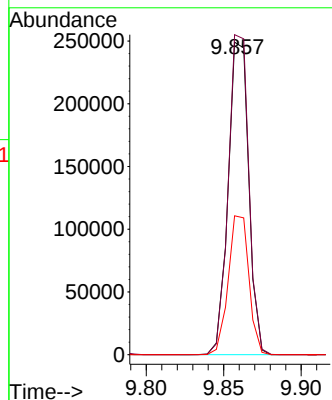
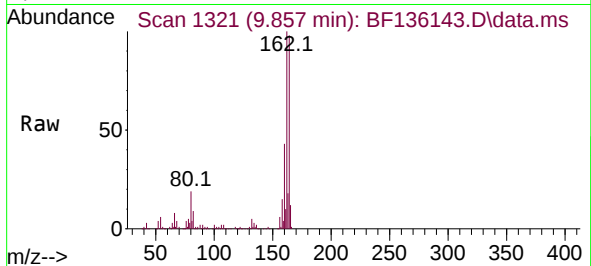




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

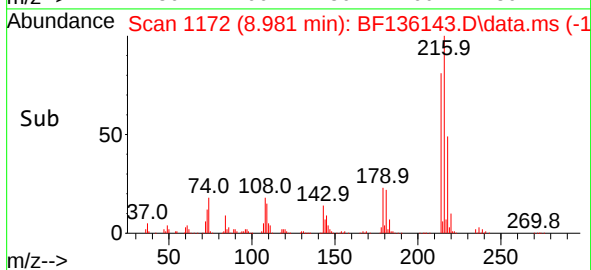
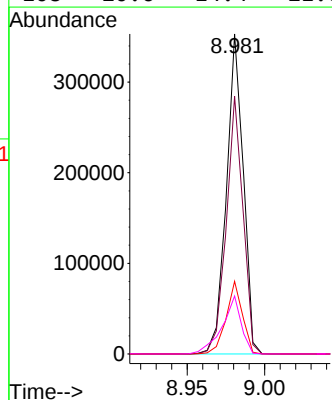
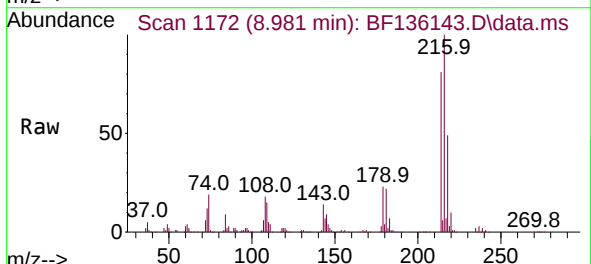
Instrument :
BNA_F
ClientSampleId :
SB-7D-AT-8-8.5

Tgt Ion:164 Resp: 230446
Ion Ratio Lower Upper
164 100
162 102.4 80.1 120.1
160 44.5 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.613 ng
RT: 8.981 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

Tgt Ion:216 Resp: 266915
Ion Ratio Lower Upper
216 100
214 79.8 63.8 95.6
179 21.9 17.5 26.3
108 20.6 14.4 21.6

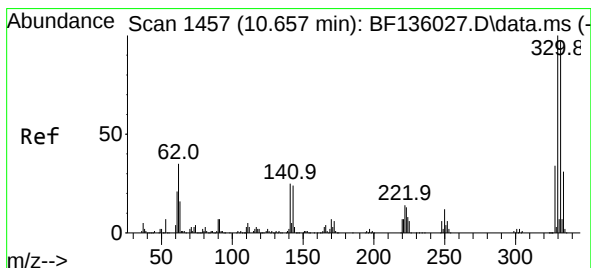
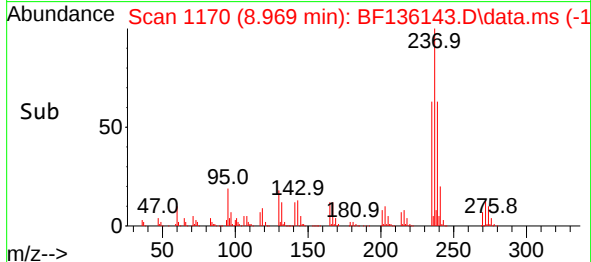
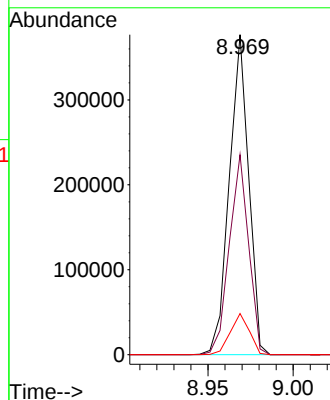
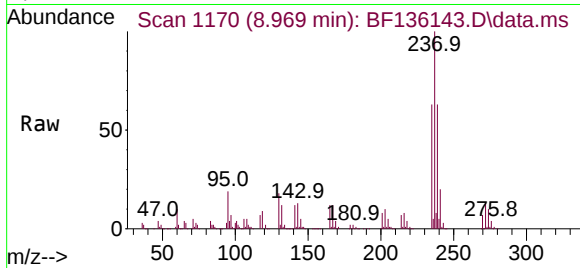




#41
Hexachlorocyclopentadiene
Concen: 84.651 ng
RT: 8.969 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

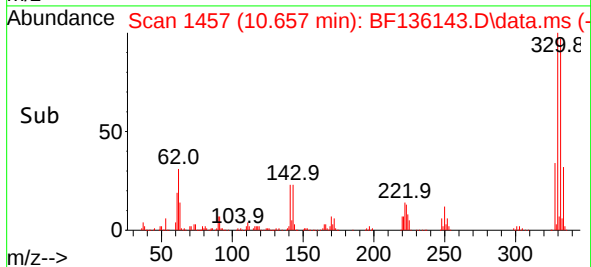
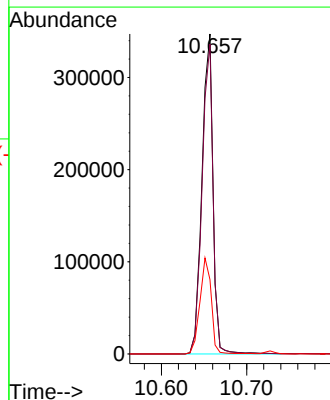
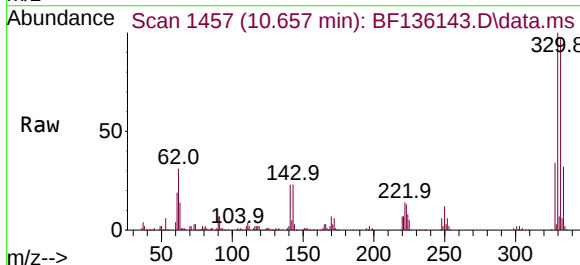
Instrument :
BNA_F
ClientSampleId :
SB-7D-AT-8-8.5

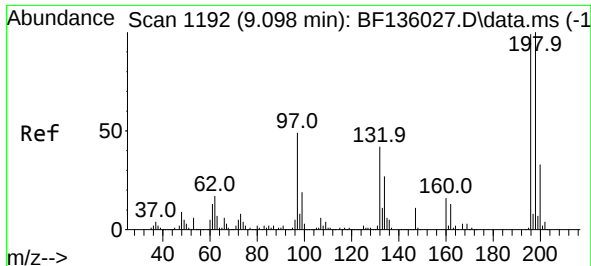
Tgt Ion:237 Resp: 297222
Ion Ratio Lower Upper
237 100
235 62.5 43.3 83.3
272 12.8 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 126.834 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

Tgt Ion:330 Resp: 311976
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 30.9 23.2 34.8





#43

2,4,6-Trichlorophenol

Concen: 42.685 ng

RT: 9.092 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

SB-7D-AT-8-8.5

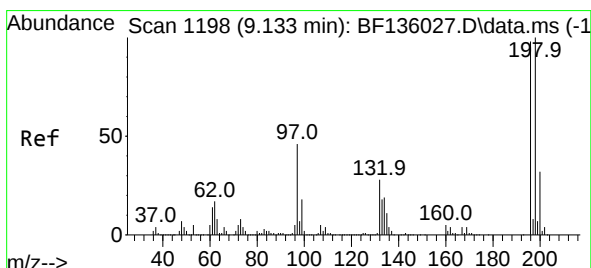
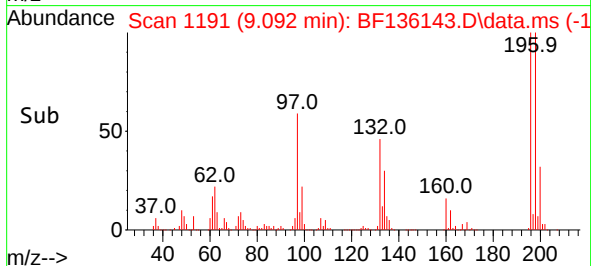
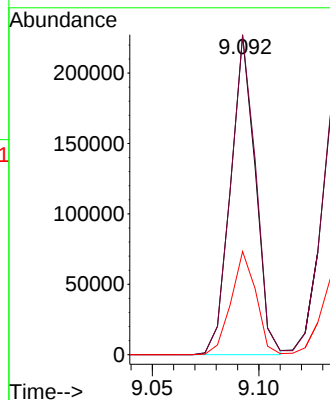
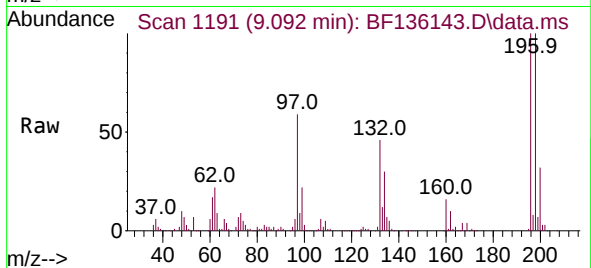
Tgt Ion:196 Resp: 182910

Ion Ratio Lower Upper

196 100

198 100.3 80.7 121.1

200 32.3 26.8 40.2



#44

2,4,5-Trichlorophenol

Concen: 40.541 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Tgt Ion:196 Resp: 201236

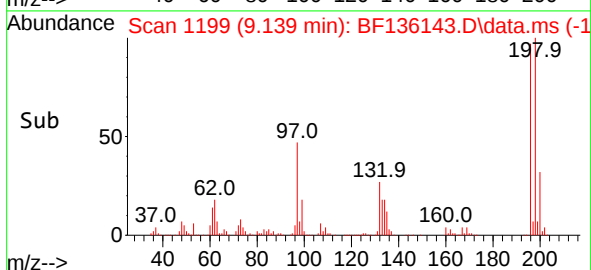
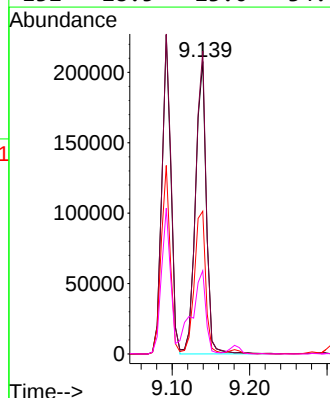
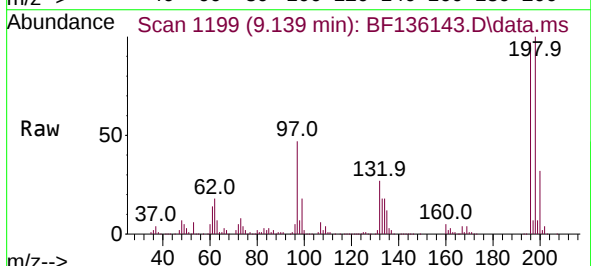
Ion Ratio Lower Upper

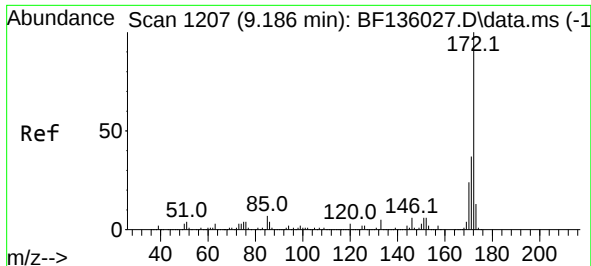
196 100

198 103.6 81.6 122.4

97 48.8 38.2 57.2

132 28.5 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 79.243 ng

RT: 9.181 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

SB-7D-AT-8-8.5

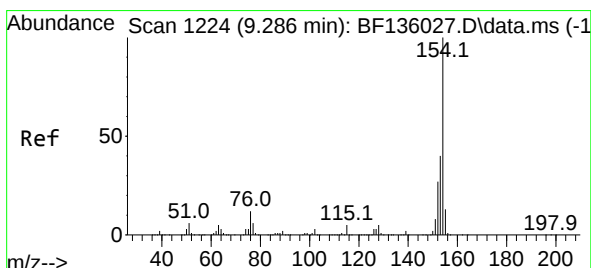
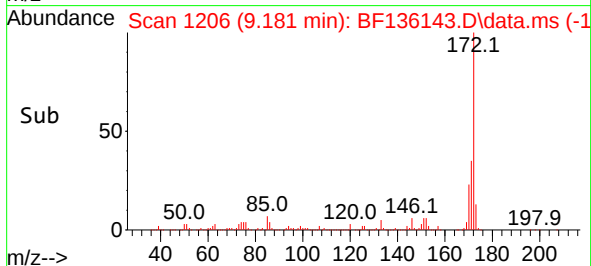
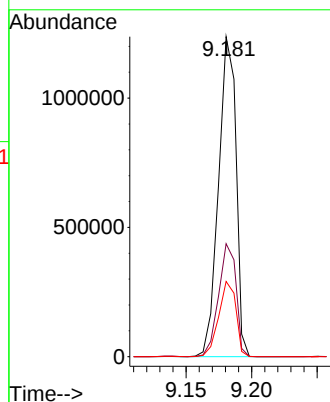
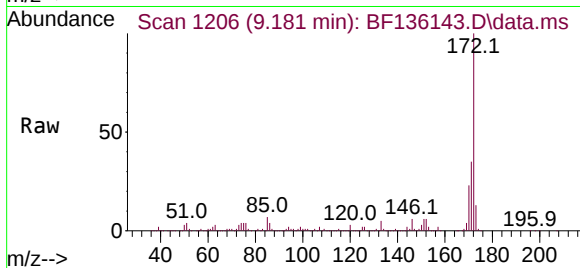
Tgt Ion:172 Resp: 1145554

Ion Ratio Lower Upper

172 100

171 35.3 29.4 44.0

170 23.5 19.3 28.9



#46

1,1'-Biphenyl

Concen: 41.158 ng

RT: 9.281 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

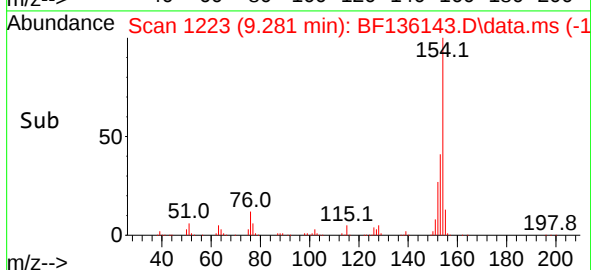
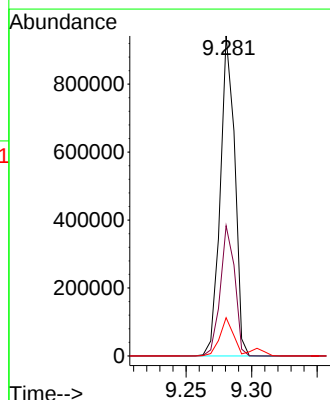
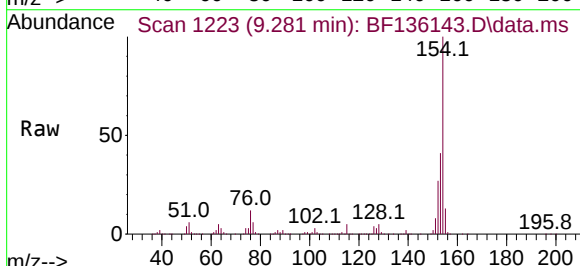
Tgt Ion:154 Resp: 723030

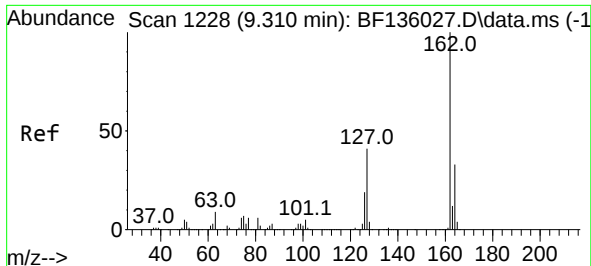
Ion Ratio Lower Upper

154 100

153 40.7 20.1 60.1

76 11.9 0.0 32.5

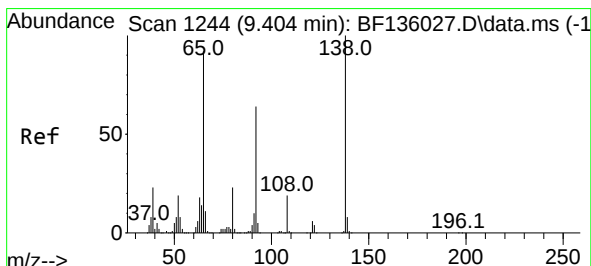
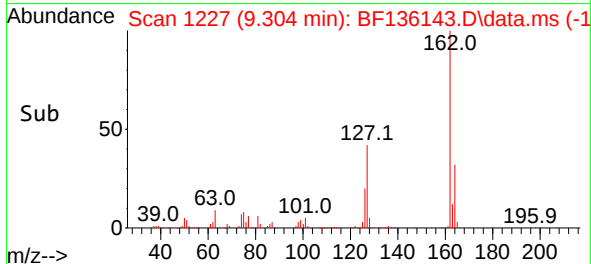
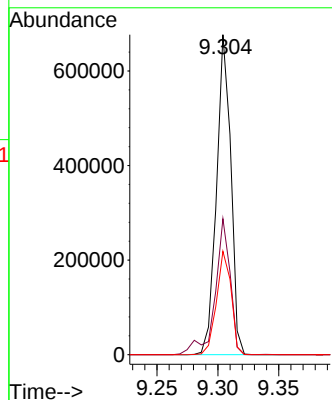
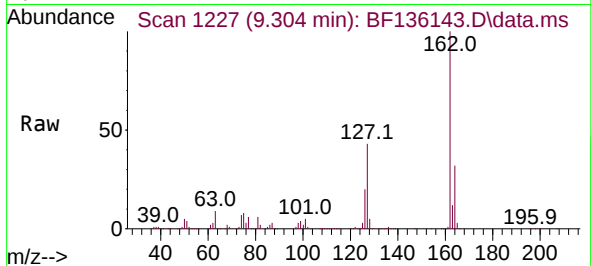




#47
2-Chloronaphthalene
Concen: 42.693 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

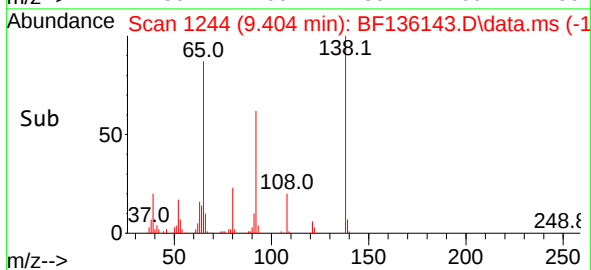
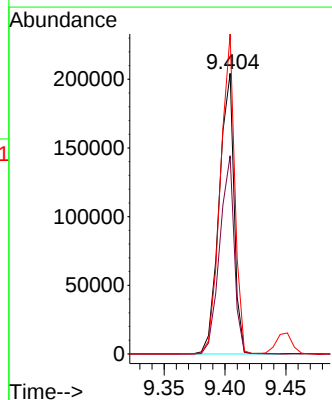
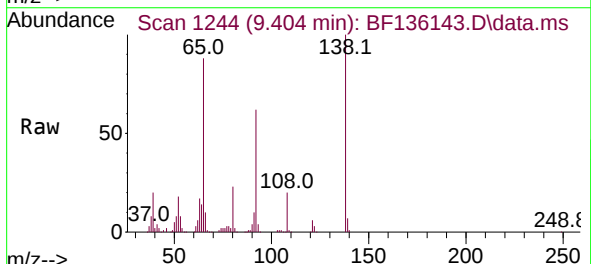
Instrument :
BNA_F
ClientSampleId :
SB-7D-AT-8-8.5

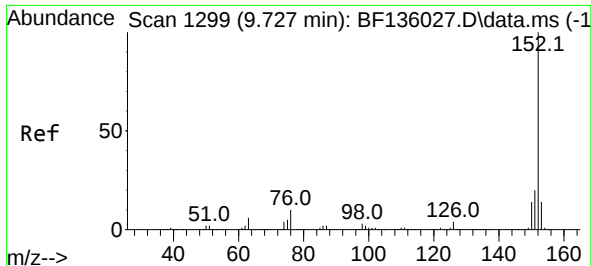
Tgt Ion:162 Resp: 552896
Ion Ratio Lower Upper
162 100
127 42.5 32.4 48.6
164 32.3 26.7 40.1



#48
2-Nitroaniline
Concen: 45.477 ng
RT: 9.404 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

Tgt Ion: 65 Resp: 174297
Ion Ratio Lower Upper
65 100
92 70.7 55.7 83.5
138 114.0 86.8 130.2





#49

Acenaphthylene

Concen: 42.970 ng

RT: 9.722 min Scan# 1298

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

SB-7D-AT-8-8.5

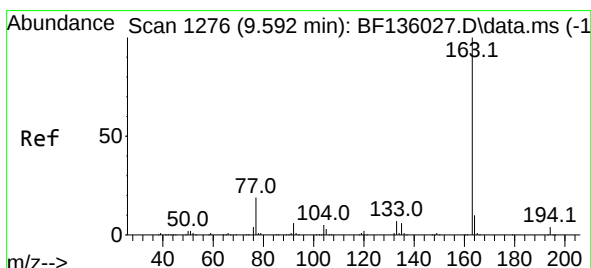
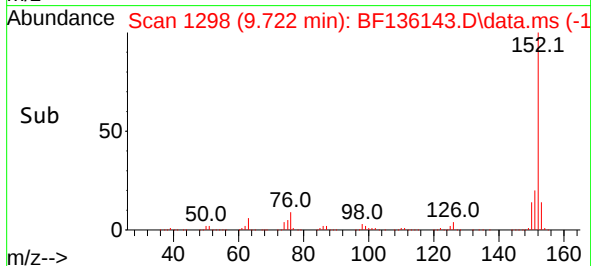
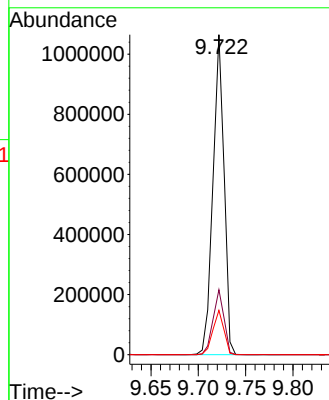
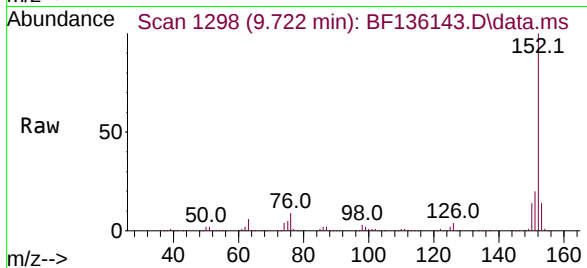
Tgt Ion:152 Resp: 868127

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

153 13.9 11.4 17.2



#50

Dimethylphthalate

Concen: 42.737 ng

RT: 9.586 min Scan# 1275

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

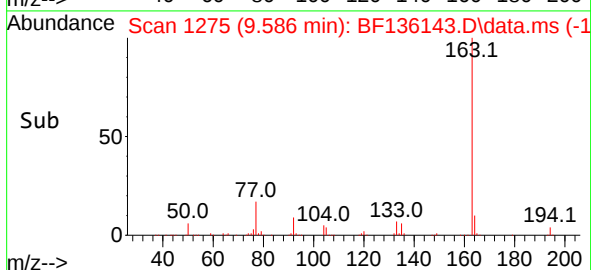
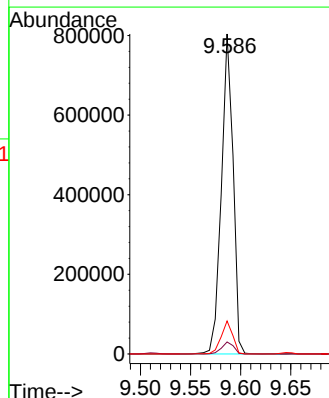
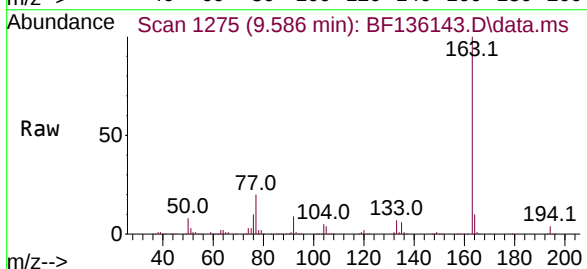
Tgt Ion:163 Resp: 649626

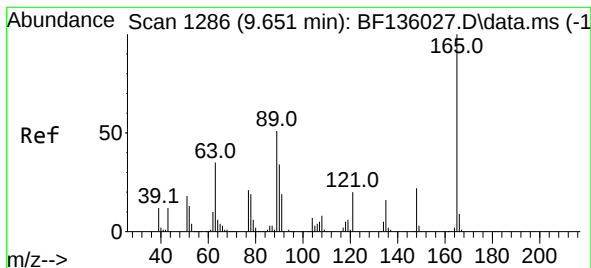
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.3 8.1 12.1

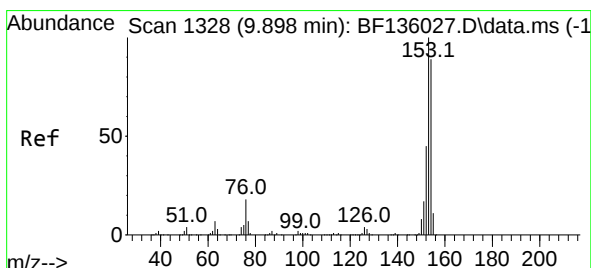
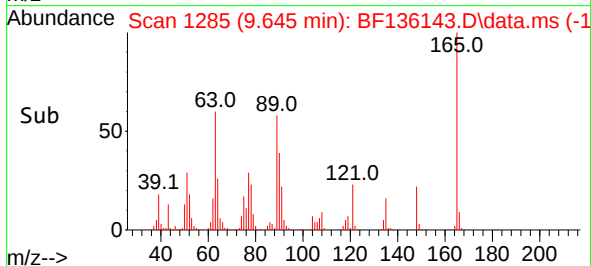
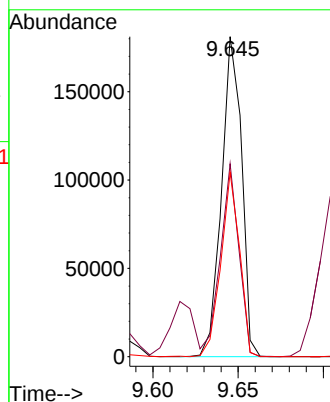
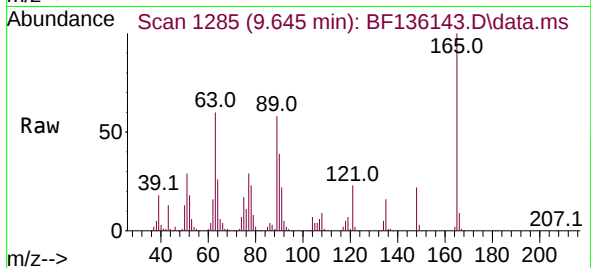




#51
2,6-Dinitrotoluene
Concen: 45.614 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

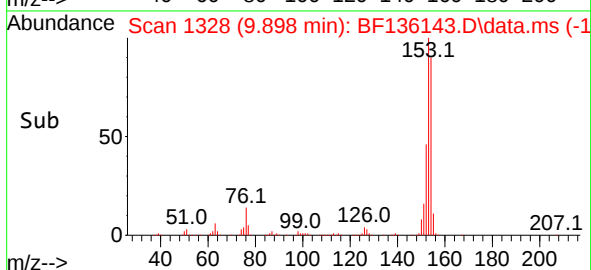
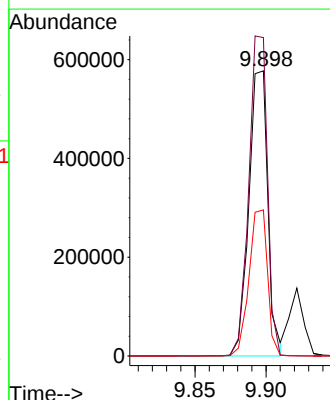
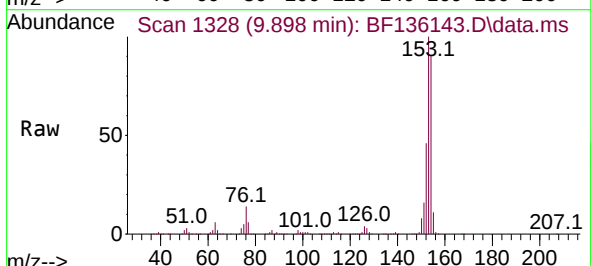
Instrument :
BNA_F
ClientSampleId :
SB-7D-AT-8-8.5

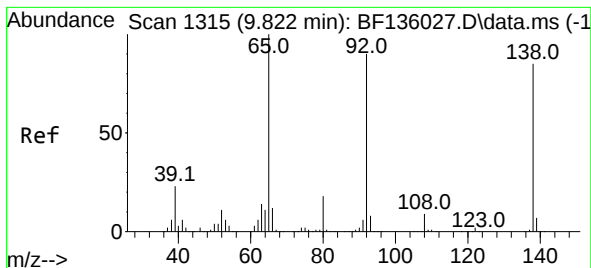
Tgt Ion:165 Resp: 148296
Ion Ratio Lower Upper
165 100
63 60.3 40.8 61.2
89 57.6 41.1 61.7



#52
Acenaphthene
Concen: 41.747 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

Tgt Ion:154 Resp: 536173
Ion Ratio Lower Upper
154 100
153 111.7 89.9 134.9
152 51.2 40.2 60.2





#53

3-Nitroaniline

Concen: 33.540 ng

RT: 9.816 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

SB-7D-AT-8-8.5

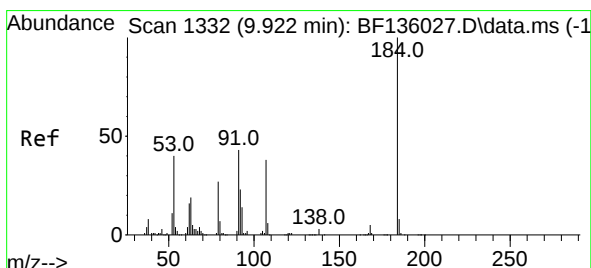
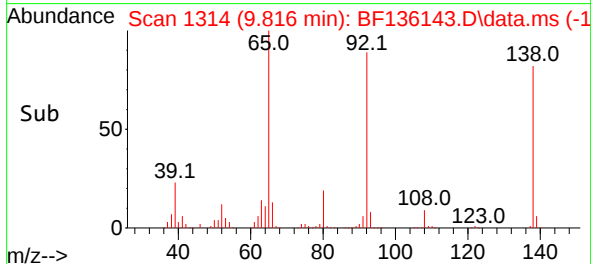
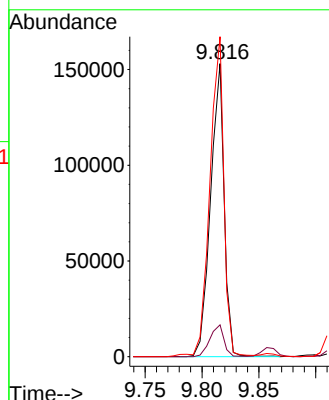
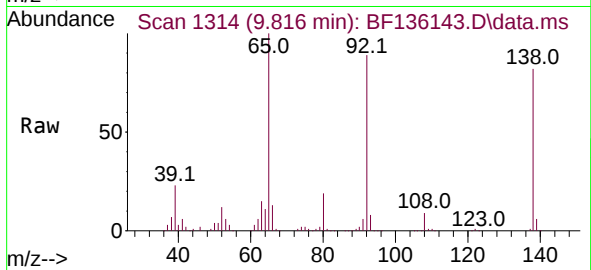
Tgt Ion:138 Resp: 127230

Ion Ratio Lower Upper

138 100

108 10.9 8.8 13.2

92 109.2 84.6 126.8



#54

2,4-Dinitrophenol

Concen: 87.527 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.006 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

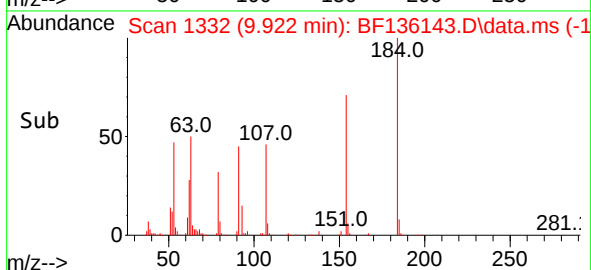
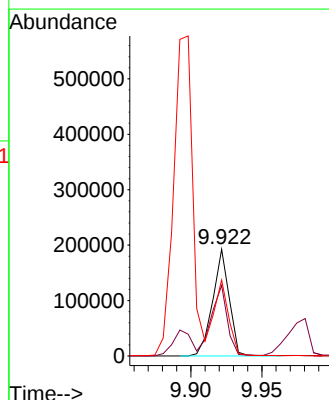
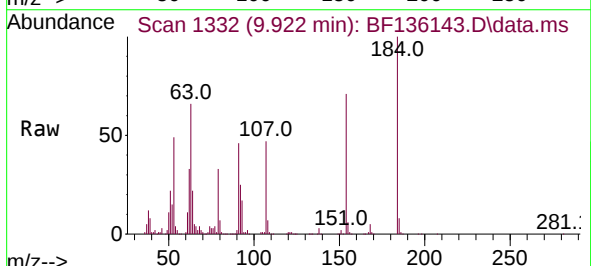
Tgt Ion:184 Resp: 155691

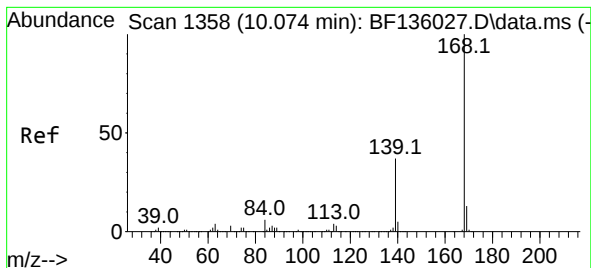
Ion Ratio Lower Upper

184 100

63 66.1 43.7 65.5#

154 71.3 51.2 76.8





#55

Dibenzenofuran

Concen: 41.799 ng

RT: 10.069 min Scan# 1357

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

SB-7D-AT-8-8.5

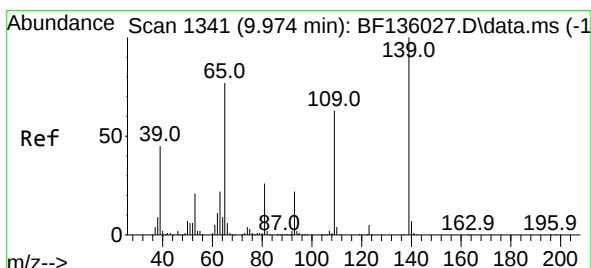
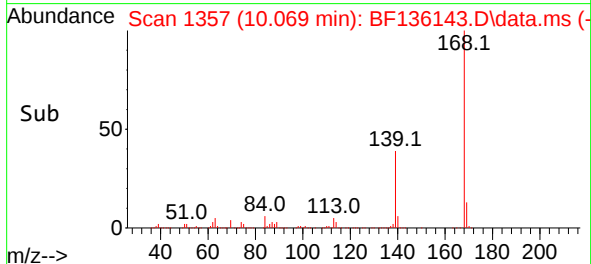
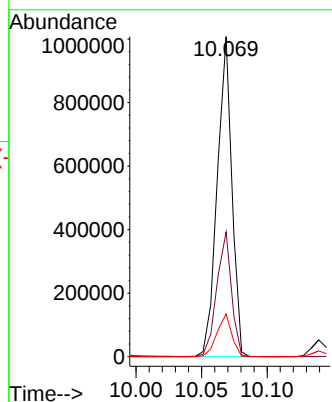
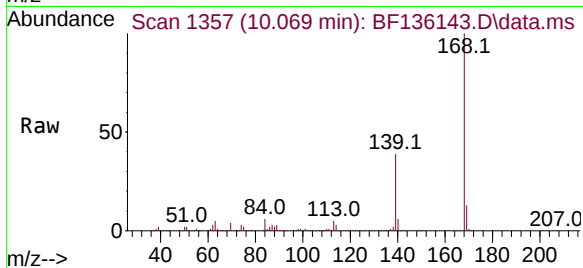
Tgt Ion:168 Resp: 782802

Ion Ratio Lower Upper

168 100

139 39.0 29.4 44.0

169 13.4 10.5 15.7



#56

4-Nitrophenol

Concen: 86.812 ng

RT: 9.981 min Scan# 1342

Delta R.T. 0.012 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

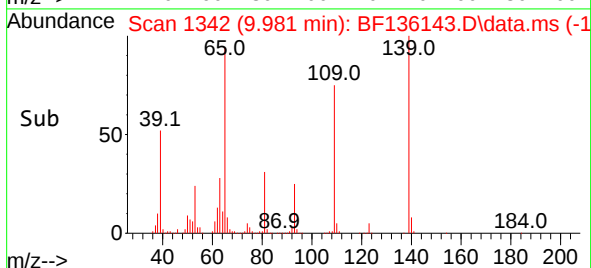
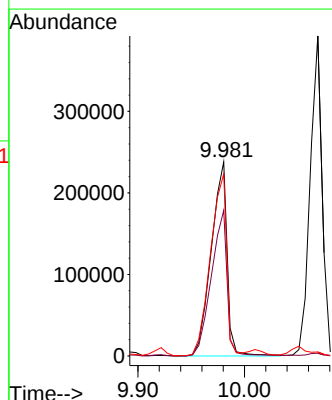
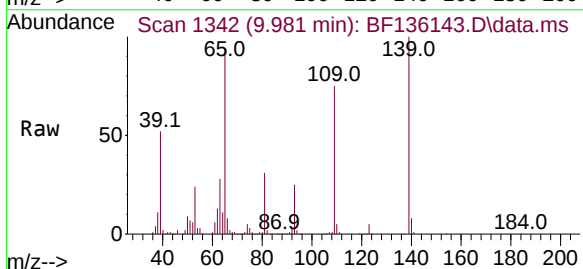
Tgt Ion:139 Resp: 246332

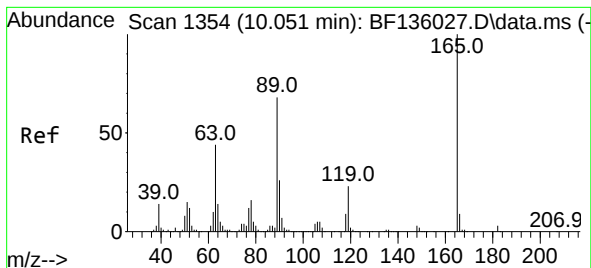
Ion Ratio Lower Upper

139 100

109 75.0 43.2 83.2

65 93.7 57.6 97.6

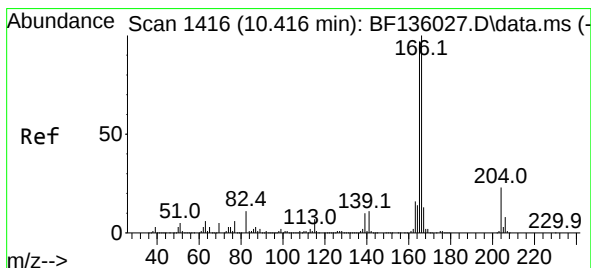
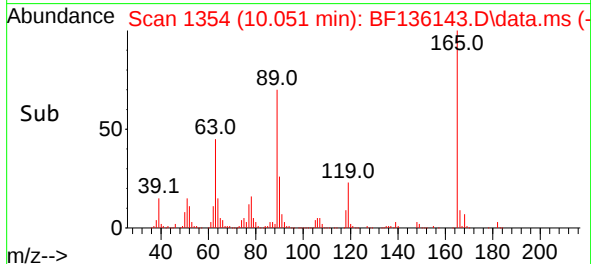
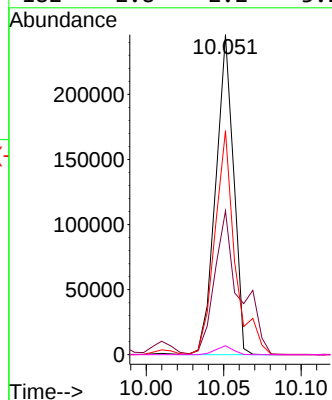
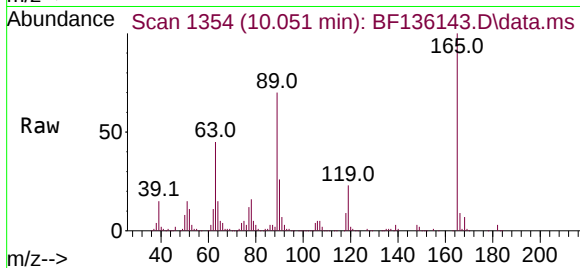




#57
2,4-Dinitrotoluene
Concen: 48.030 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

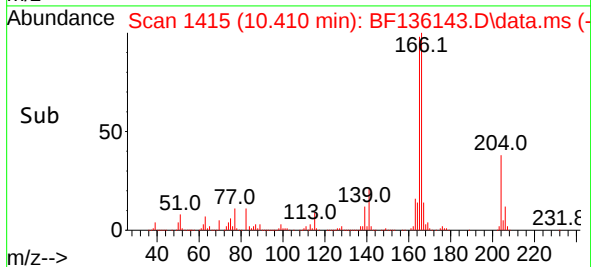
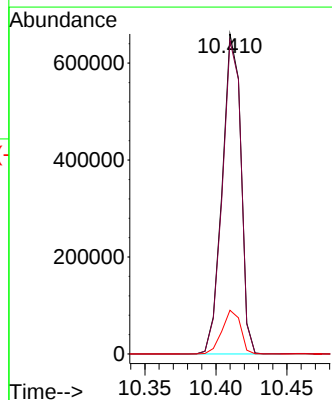
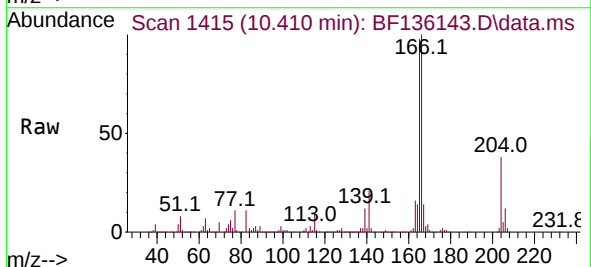
Instrument :
BNA_F
ClientSampleId :
SB-7D-AT-8-8.5

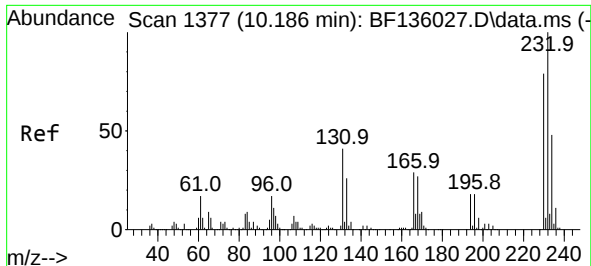
Tgt Ion:	165	Resp:	197565
Ion	Ratio	Lower	Upper
165	100		
63	44.9	35.2	52.8
89	70.0	54.8	82.2
182	2.8	2.2	3.2



#58
Fluorene
Concen: 42.856 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

Tgt Ion:	166	Resp:	600917
Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.7	116.5
167	13.7	10.6	16.0



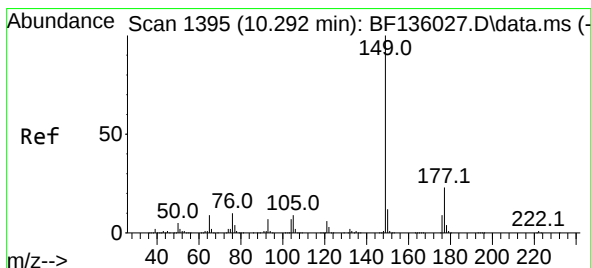
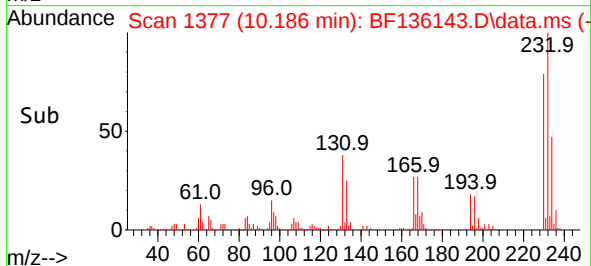
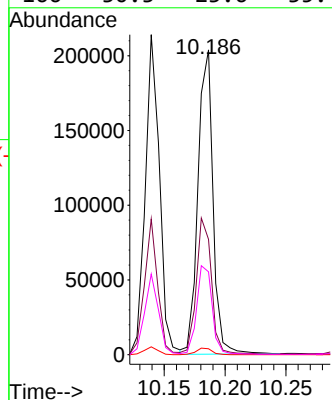
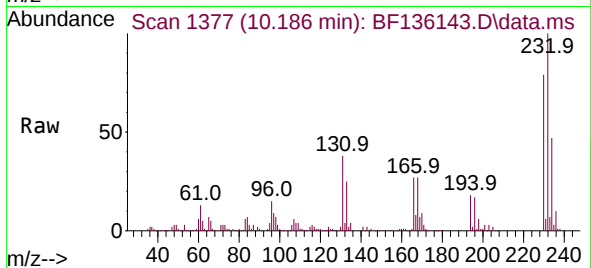


#59
2,3,4,6-Tetrachlorophenol
Concen: 44.348 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.006 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

Instrument :
BNA_F
ClientSampleId :
SB-7D-AT-8-8.5

Tgt Ion:232 Resp: 175015

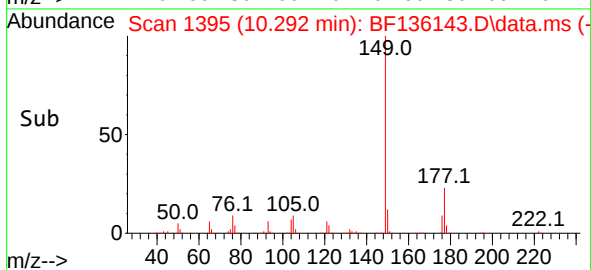
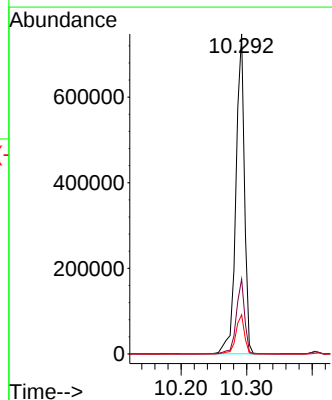
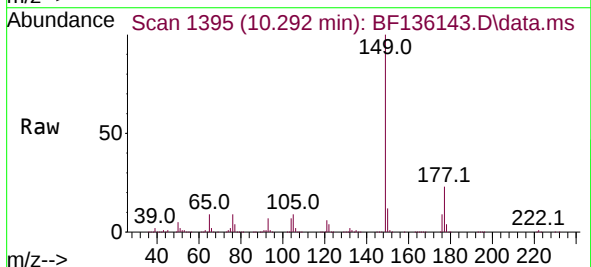
Ion	Ratio	Lower	Upper
232	100		
131	45.8	34.6	52.0
130	2.3	1.6	2.4
166	30.3	23.6	35.4

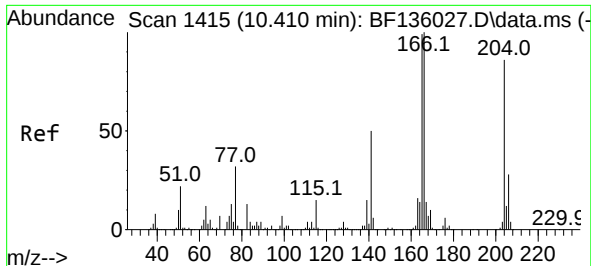


#60
Diethylphthalate
Concen: 46.636 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

Tgt Ion:149 Resp: 677329

Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.2	27.4
150	12.3	9.9	14.9

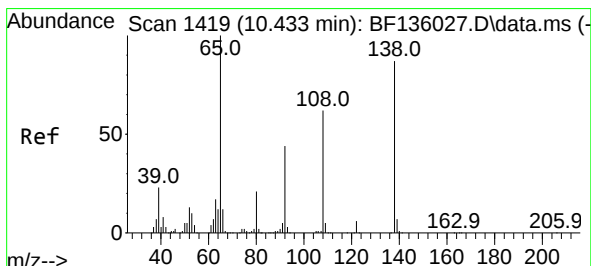
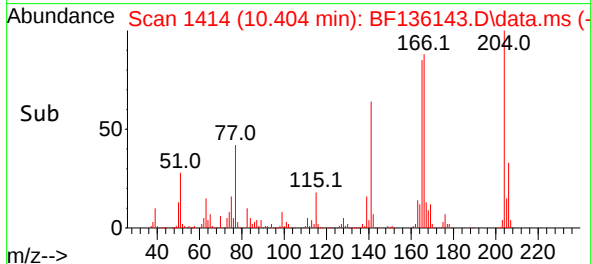
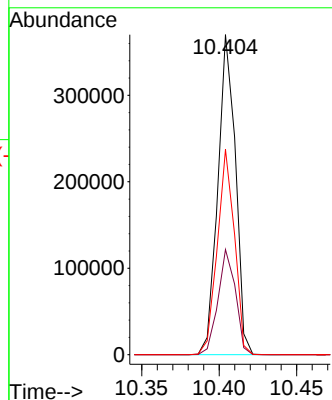
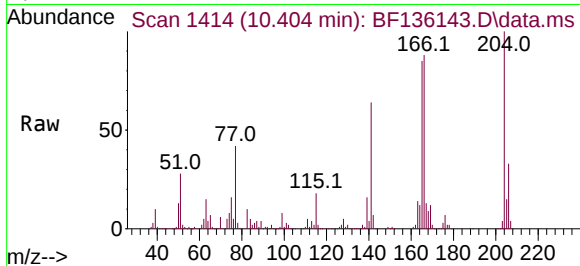




#61
4-Chlorophenyl-phenylether
Concen: 41.751 ng
RT: 10.404 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

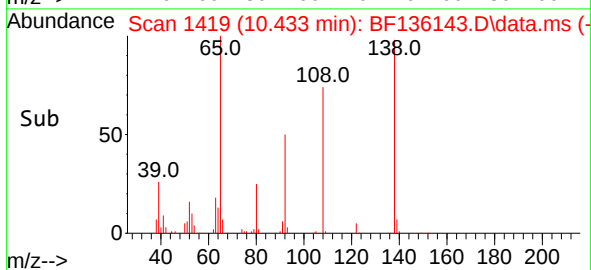
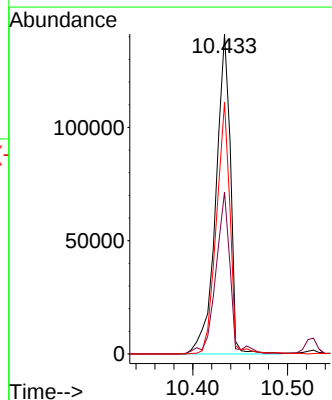
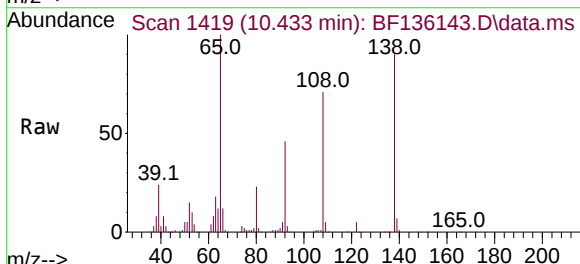
Instrument :
BNA_F
ClientSampleId :
SB-7D-AT-8-8.5

Tgt Ion:204 Resp: 292230
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 64.1 46.8 70.2



#62
4-Nitroaniline
Concen: 41.314 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

Tgt Ion:138 Resp: 150911
Ion Ratio Lower Upper
138 100
92 50.6 30.6 70.6
108 78.7 51.5 91.5





#63

Azobenzene

Concen: 41.796 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

SB-7D-AT-8-8.5

Tgt Ion: 77 Resp: 584609

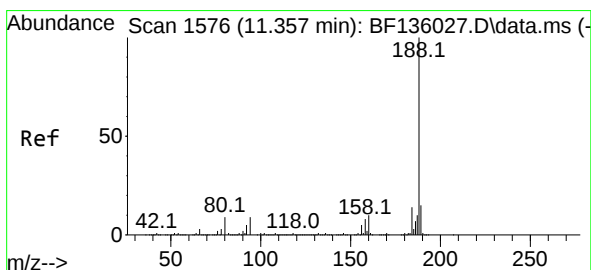
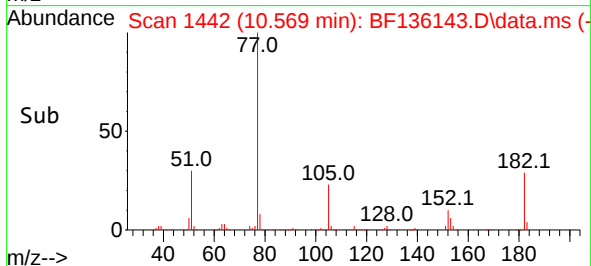
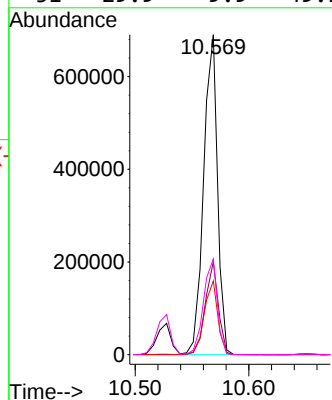
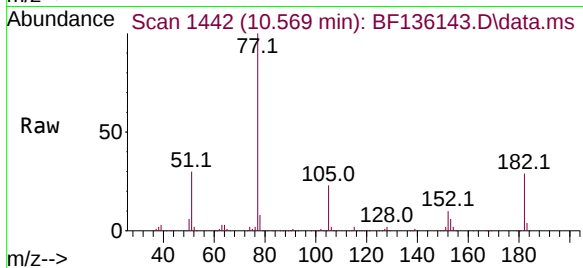
Ion Ratio Lower Upper

77 100

182 29.0 5.0 45.0

105 23.1 2.6 42.6

51 29.9 9.9 49.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

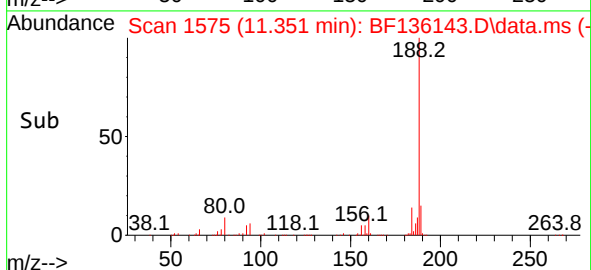
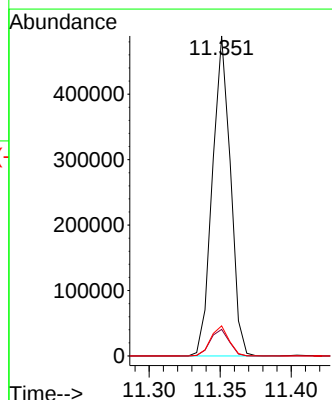
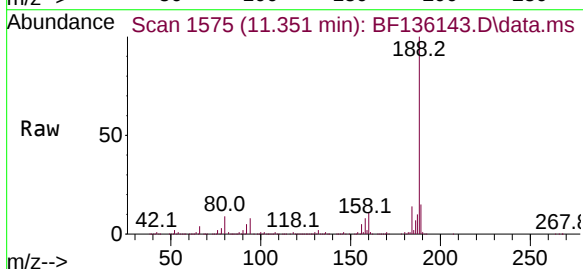
Tgt Ion: 188 Resp: 432341

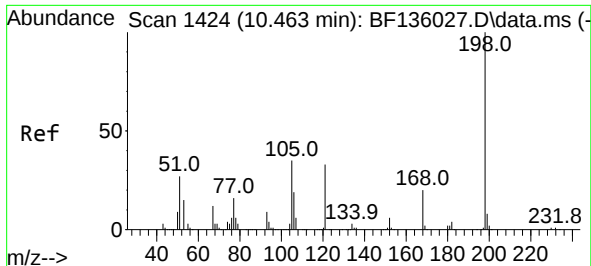
Ion Ratio Lower Upper

188 100

94 8.3 7.2 10.8

80 9.4 7.4 11.0

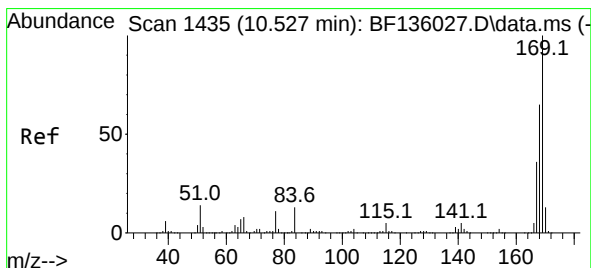
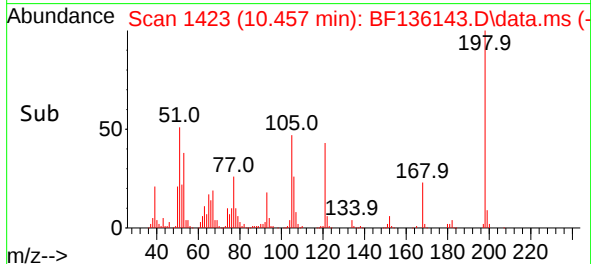
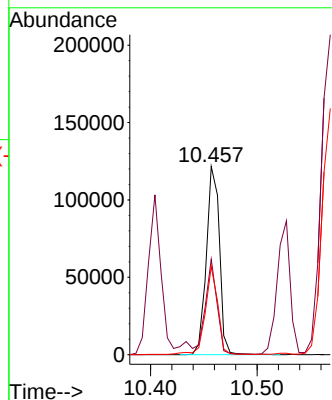
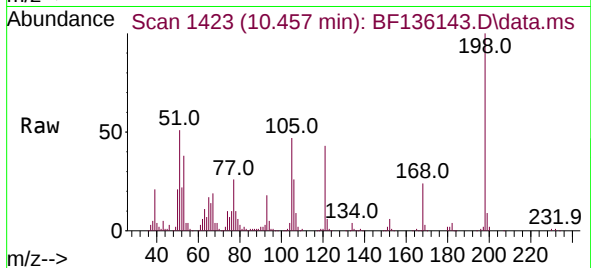




#65
4,6-Dinitro-2-methylphenol
Concen: 44.348 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

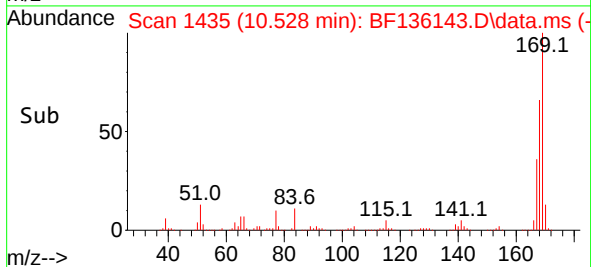
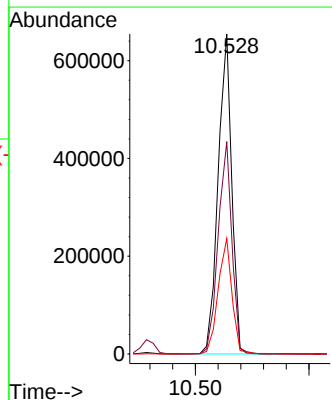
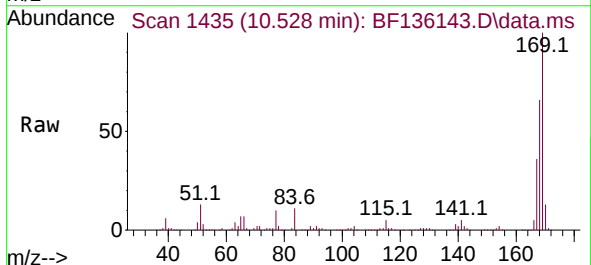
Instrument :
BNA_F
ClientSampleId :
SB-7D-AT-8-8.5

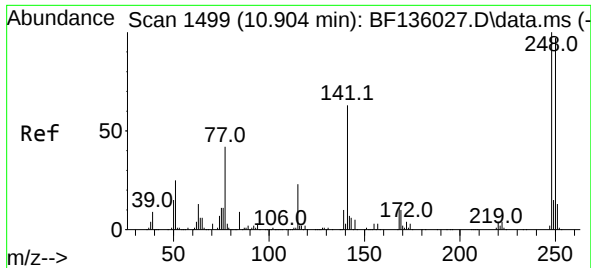
Tgt Ion:198 Resp: 104162
Ion Ratio Lower Upper
198 100
51 50.8 12.9 52.9
105 46.9 16.0 56.0



#66
n-Nitrosodiphenylamine
Concen: 41.766 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

Tgt Ion:169 Resp: 544722
Ion Ratio Lower Upper
169 100
168 66.3 52.2 78.2
167 36.1 28.7 43.1

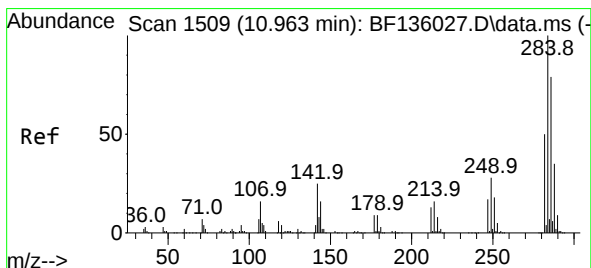
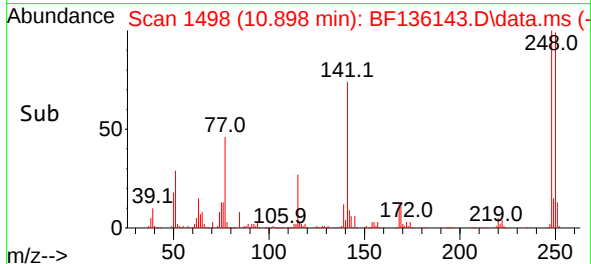
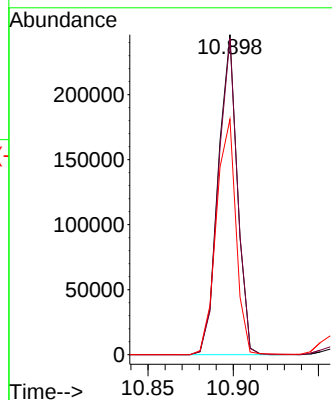
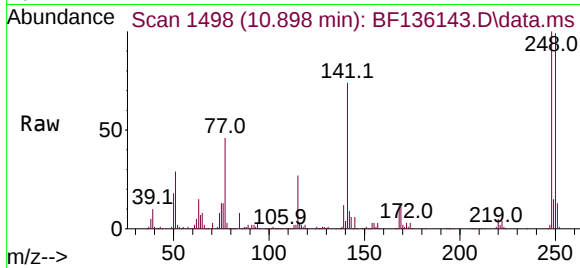




#67
4-Bromophenyl-phenylether
Concen: 42.303 ng
RT: 10.898 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

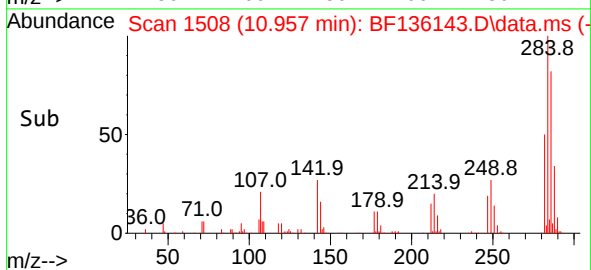
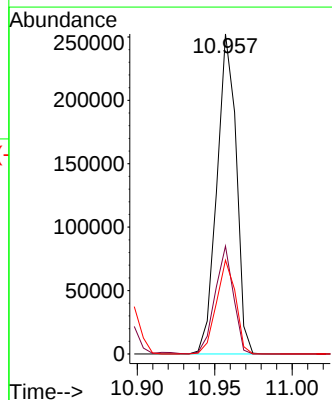
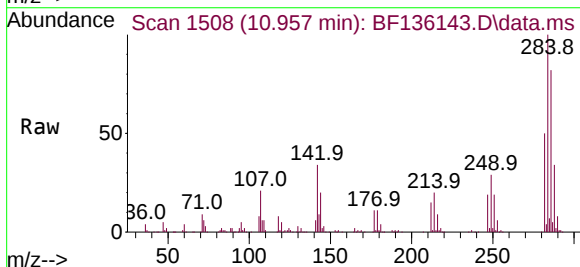
Instrument :
BNA_F
ClientSampleId :
SB-7D-AT-8-8.5

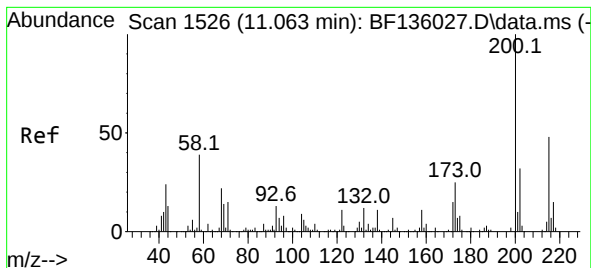
Tgt Ion:248 Resp: 191750
Ion Ratio Lower Upper
248 100
250 98.9 77.6 116.4
141 73.6 50.4 75.6



#68
Hexachlorobenzene
Concen: 45.253 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

Tgt Ion:284 Resp: 219074
Ion Ratio Lower Upper
284 100
142 33.7 20.2 30.4#
249 29.3 22.6 33.8





#69

Atrazine

Concen: 51.194 ng

RT: 11.057 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

SB-7D-AT-8-8.5

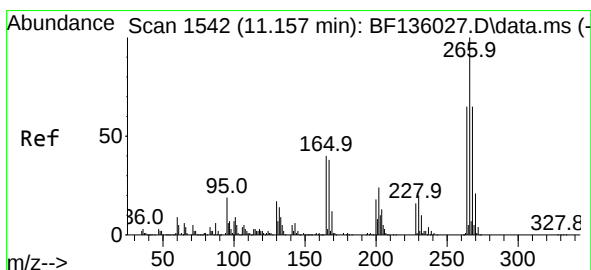
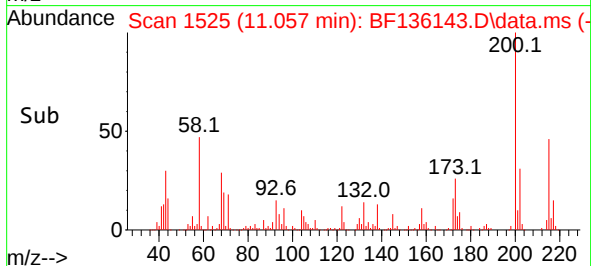
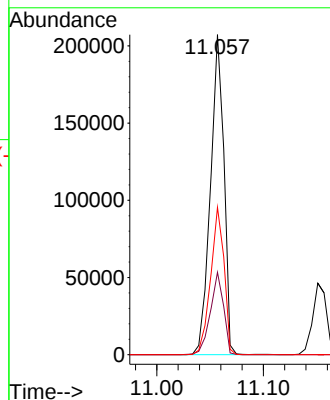
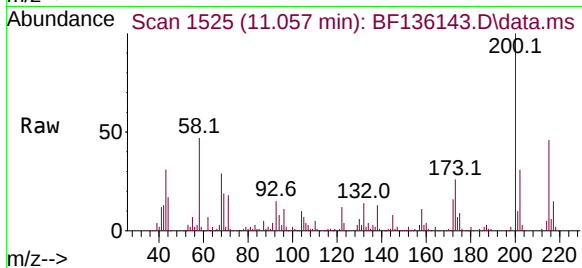
Tgt Ion:200 Resp: 181663

Ion Ratio Lower Upper

200 100

173 25.7 5.2 45.2

215 46.0 28.4 68.4



#70

Pentachlorophenol

Concen: 72.586 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.006 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

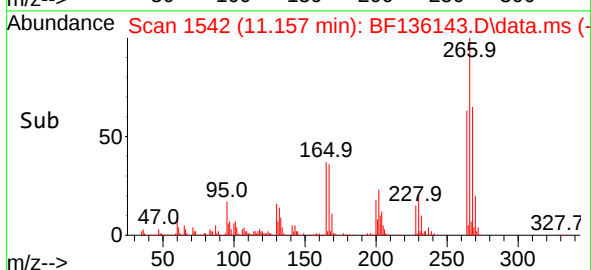
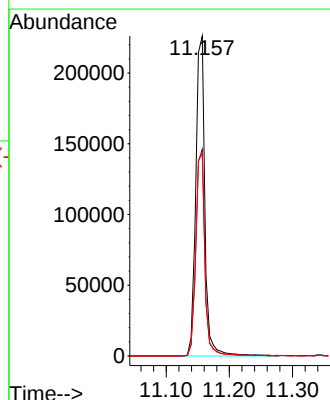
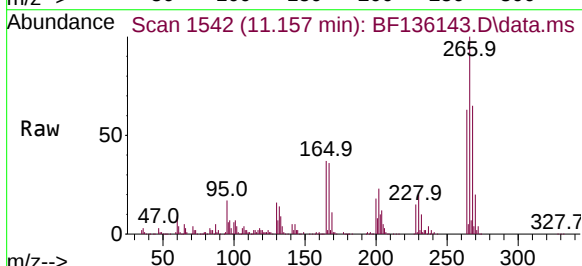
Tgt Ion:266 Resp: 225675

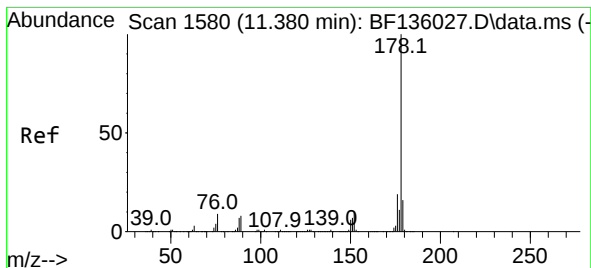
Ion Ratio Lower Upper

266 100

268 64.6 52.2 78.4

264 63.2 52.2 78.4





#71

Phenanthrene

Concen: 43.293 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

SB-7D-AT-8-8.5

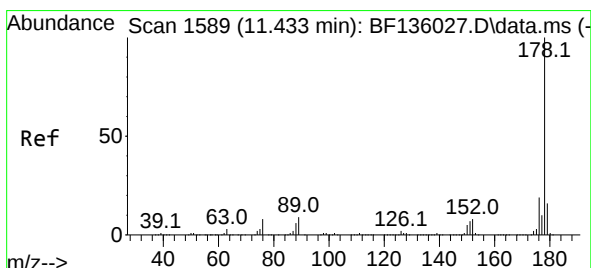
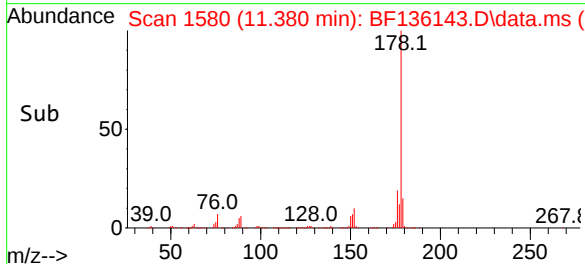
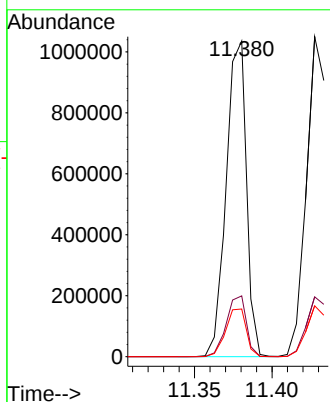
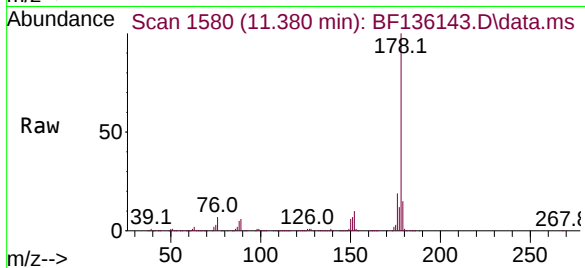
Tgt Ion:178 Resp: 942414

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.1 12.9 19.3



#72

Anthracene

Concen: 42.850 ng

RT: 11.427 min Scan# 1588

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

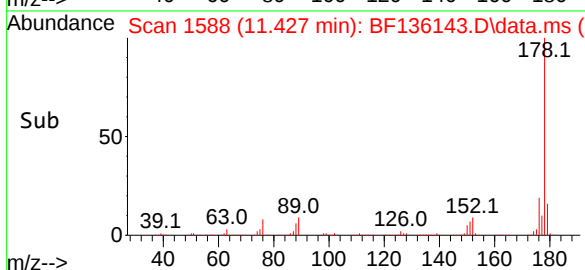
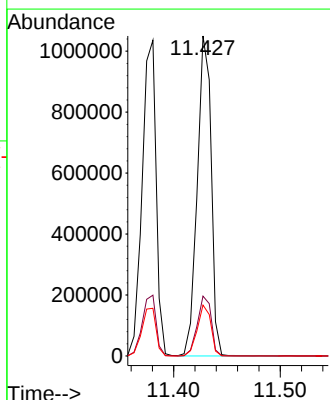
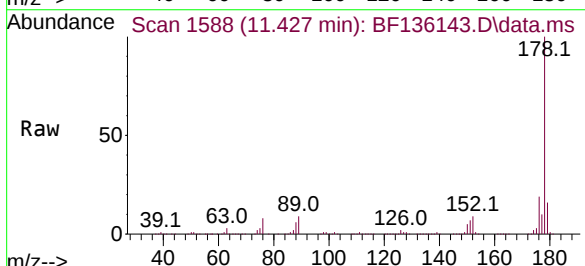
Tgt Ion:178 Resp: 955826

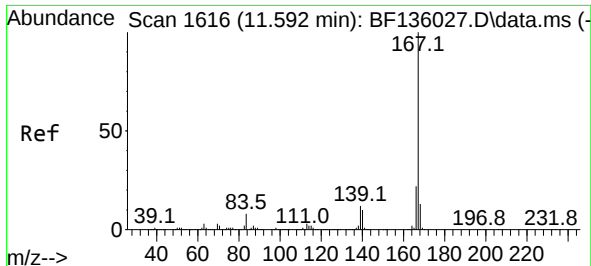
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.9 12.6 18.8

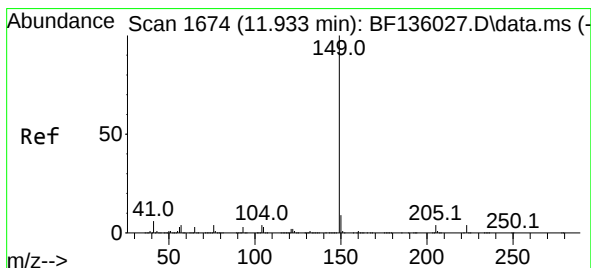
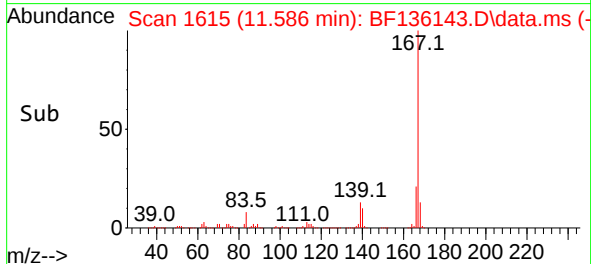
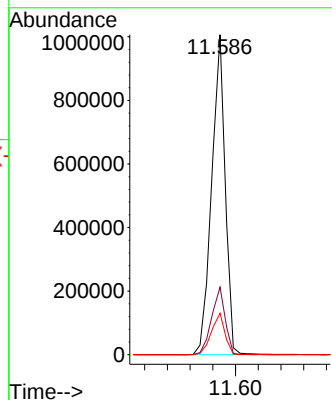
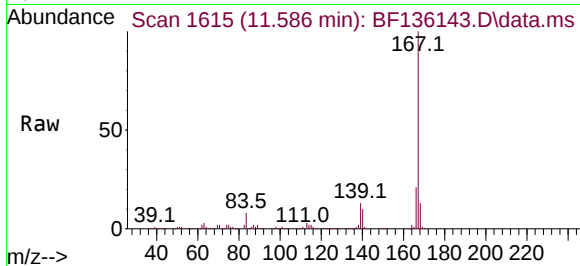




#73
Carbazole
Concen: 42.877 ng
RT: 11.586 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

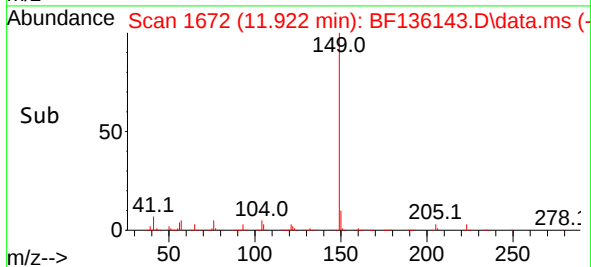
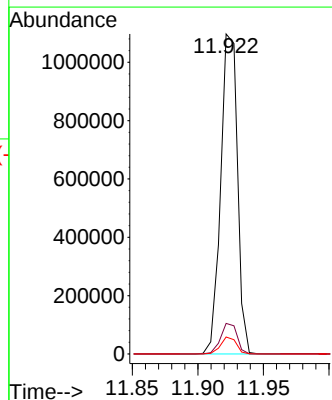
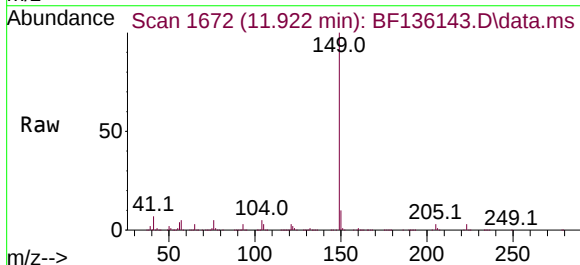
Instrument :
BNA_F
ClientSampleId :
SB-7D-AT-8-8.5

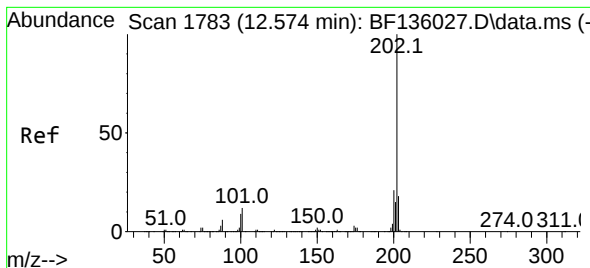
Tgt Ion:167 Resp: 831112
Ion Ratio Lower Upper
167 100
166 21.1 17.2 25.8
139 12.9 9.9 14.9



#74
Di-n-butylphthalate
Concen: 43.985 ng
RT: 11.922 min Scan# 1672
Delta R.T. -0.006 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

Tgt Ion:149 Resp: 974229
Ion Ratio Lower Upper
149 100
150 9.6 7.3 10.9
104 5.3 3.6 5.4





#75

Fluoranthene

Concen: 43.141 ng

RT: 12.574 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

SB-7D-AT-8-8.5

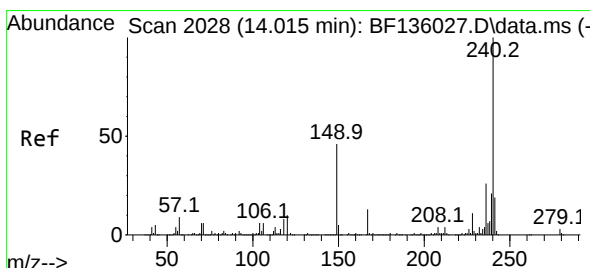
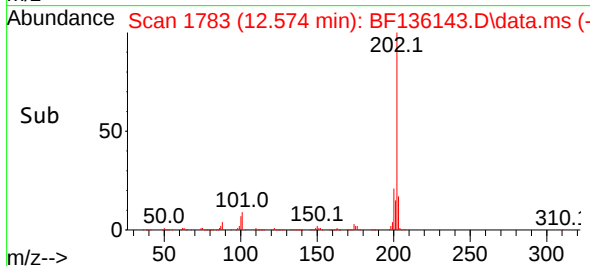
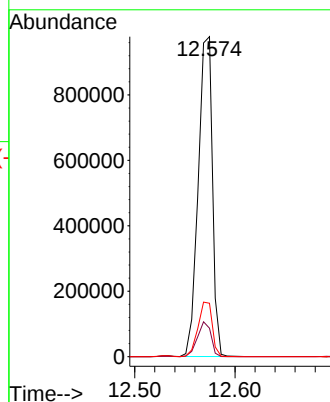
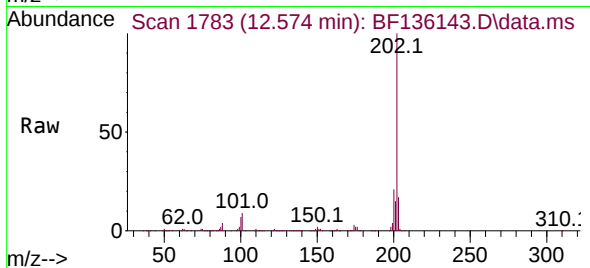
Tgt Ion:202 Resp: 964763

Ion Ratio Lower Upper

202 100

101 8.9 0.0 31.8

203 16.7 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

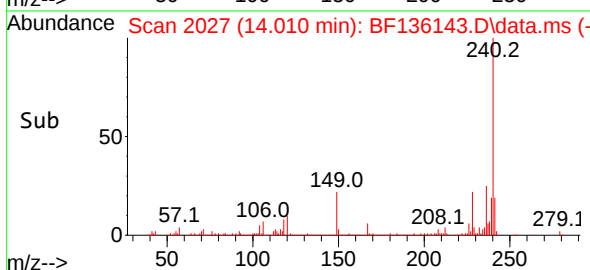
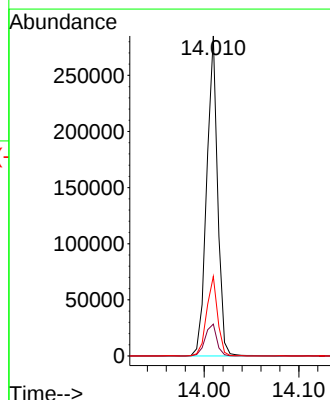
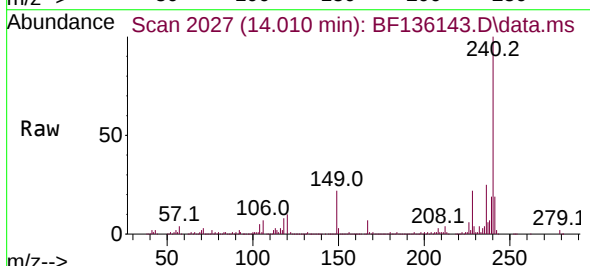
Tgt Ion:240 Resp: 227074

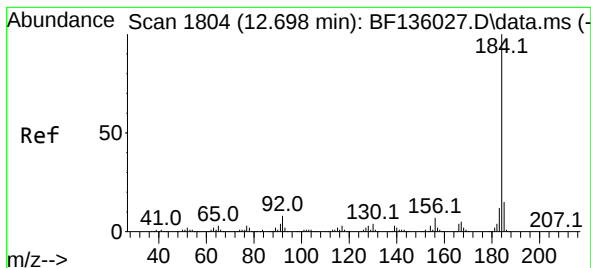
Ion Ratio Lower Upper

240 100

120 9.9 7.6 11.4

236 24.9 20.6 31.0





#77

Benzidine

Concen: 34.981 ng

RT: 12.698 min Scan# 1804

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

SB-7D-AT-8-8.5

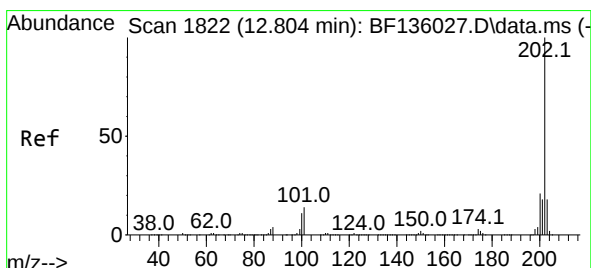
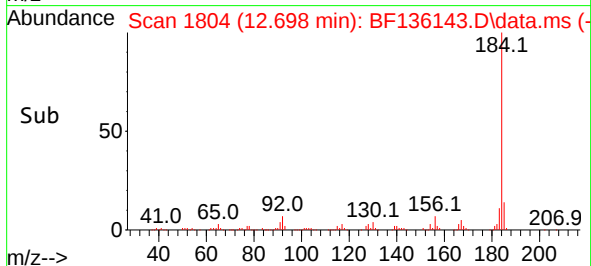
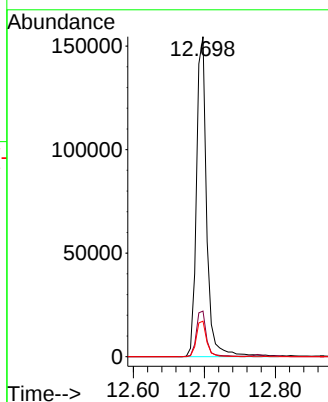
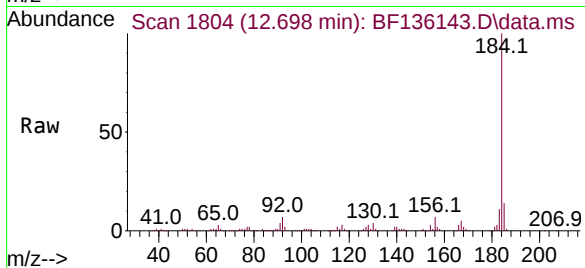
Tgt Ion:184 Resp: 154823

Ion Ratio Lower Upper

184 100

185 14.3 11.8 17.8

183 11.1 9.5 14.3



#78

Pyrene

Concen: 48.060 ng

RT: 12.804 min Scan# 1822

Delta R.T. 0.006 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

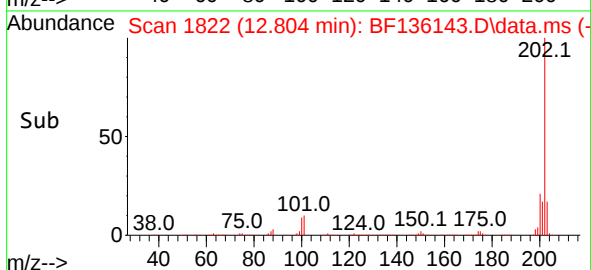
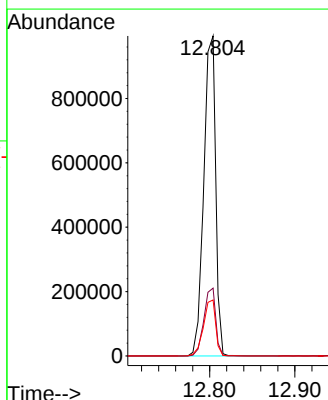
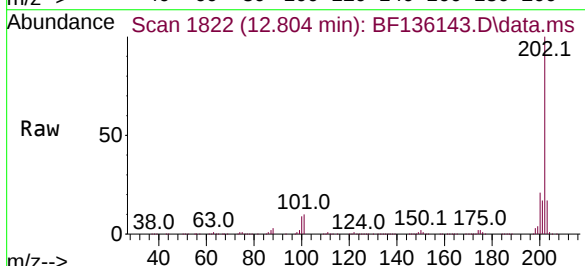
Tgt Ion:202 Resp: 962157

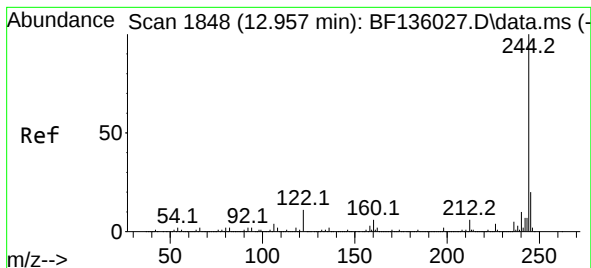
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.5 14.4 21.6





#79

Terphenyl-d14

Concen: 91.162 ng

RT: 12.951 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

SB-7D-AT-8-8.5

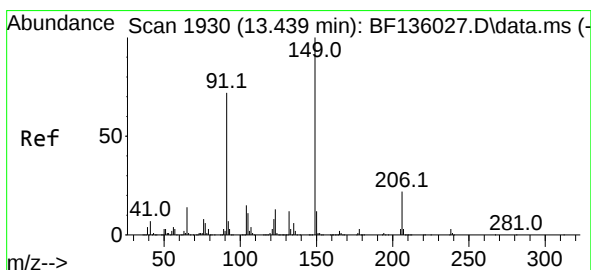
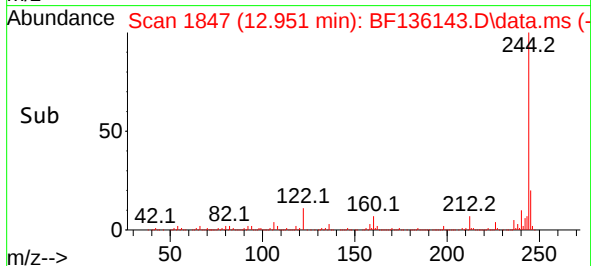
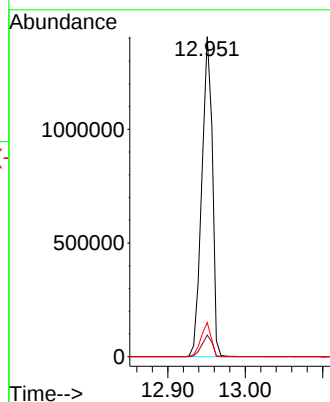
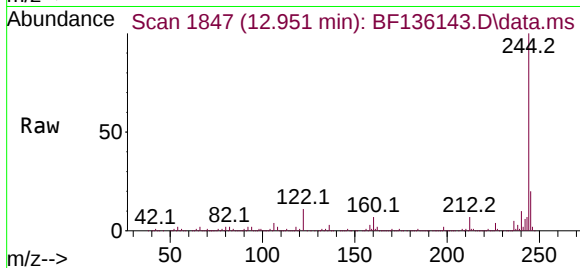
Tgt Ion:244 Resp: 1332052

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 10.7 8.6 12.8



#80

Butylbenzylphthalate

Concen: 45.340 ng

RT: 13.433 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

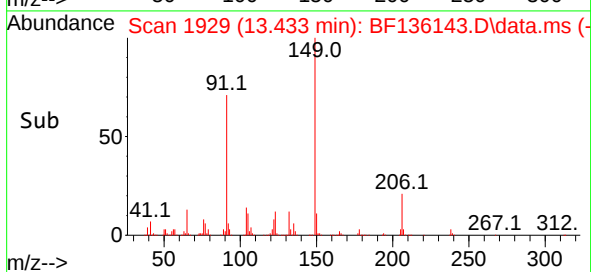
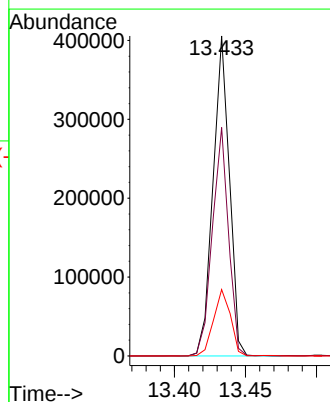
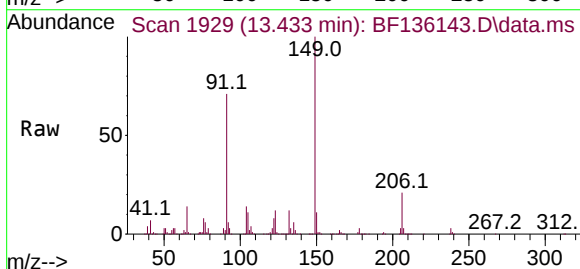
Tgt Ion:149 Resp: 324920

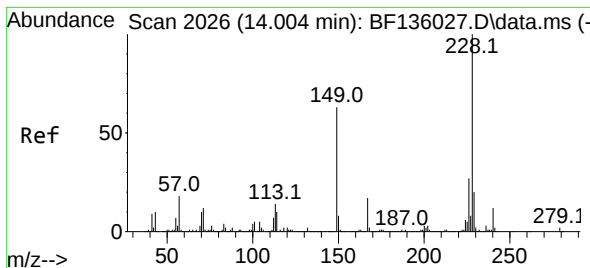
Ion Ratio Lower Upper

149 100

91 71.4 57.6 86.4

206 20.7 17.4 26.0





#81

Benzo(a)anthracene

Concen: 43.087 ng

RT: 13.998 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

SB-7D-AT-8-8.5

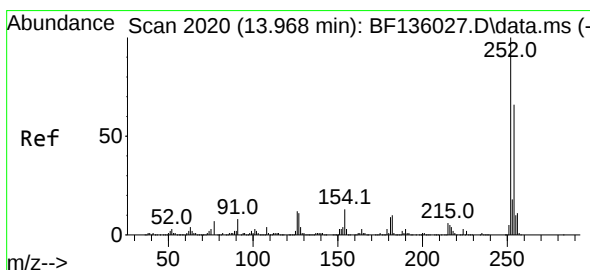
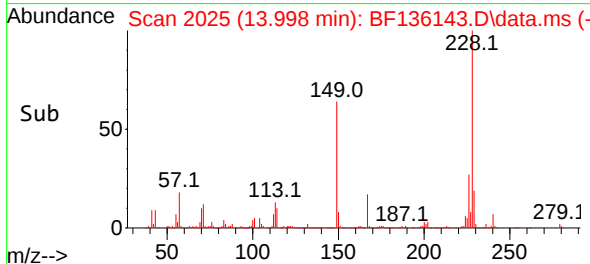
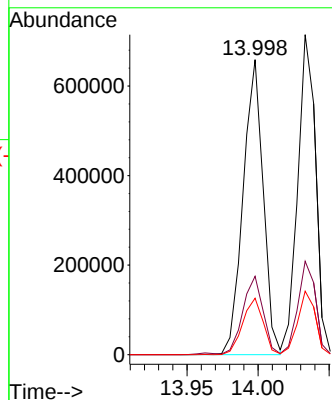
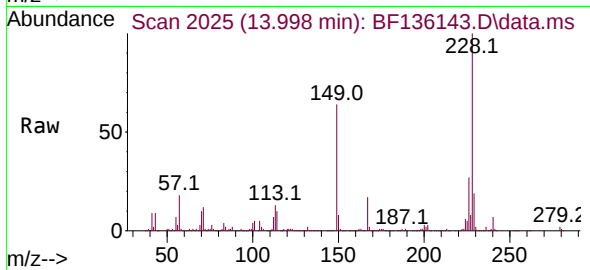
Tgt Ion:228 Resp: 647732

Ion Ratio Lower Upper

228 100

226 26.6 21.5 32.3

229 19.1 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 36.712 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

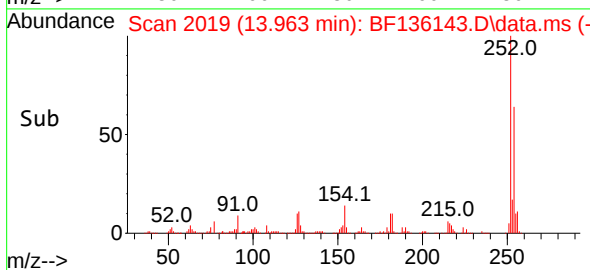
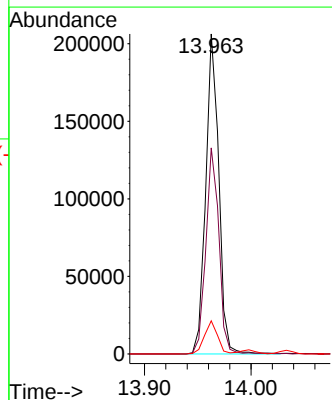
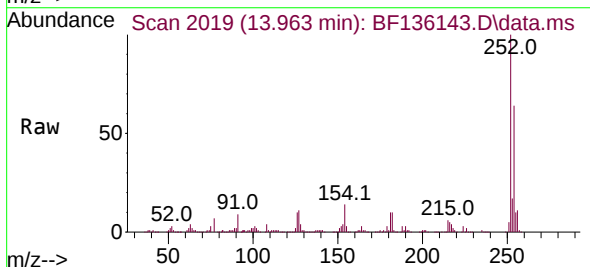
Tgt Ion:252 Resp: 176148

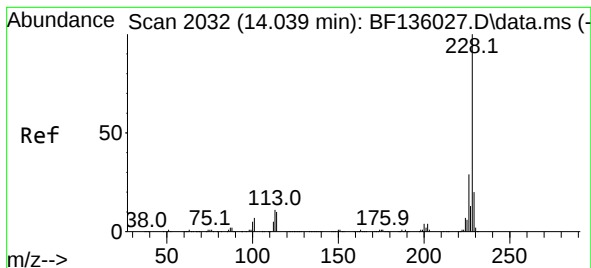
Ion Ratio Lower Upper

252 100

254 64.4 52.5 78.7

126 10.3 9.4 14.2





#83

Chrysene

Concen: 42.528 ng

RT: 14.033 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

SB-7D-AT-8-8.5

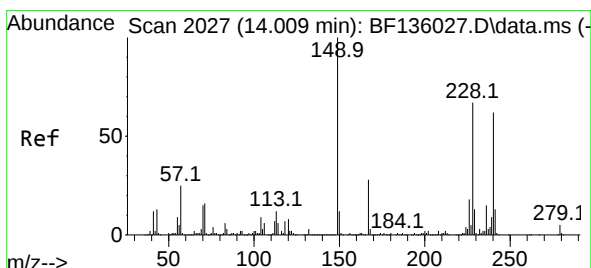
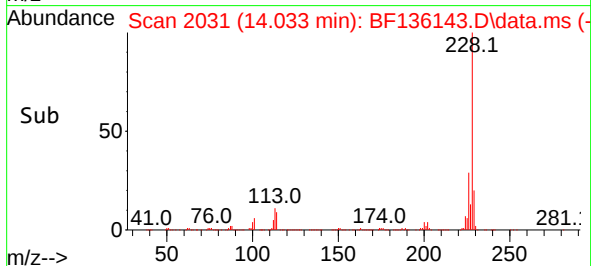
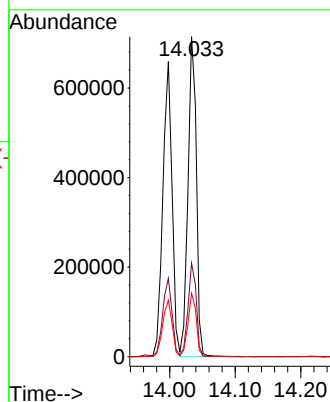
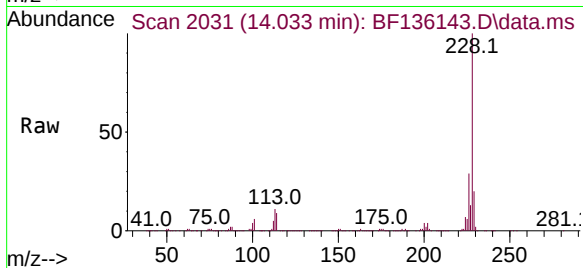
Tgt Ion:228 Resp: 629621

Ion Ratio Lower Upper

228 100

226 29.2 23.5 35.3

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.373 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

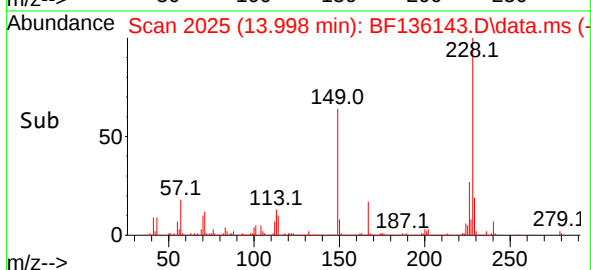
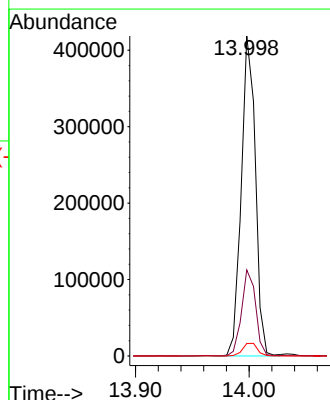
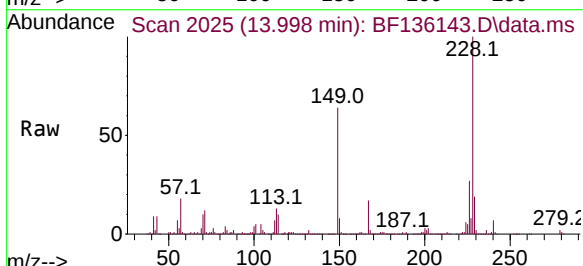
Tgt Ion:149 Resp: 362118

Ion Ratio Lower Upper

149 100

167 26.9 22.6 33.8

279 3.9 4.1 6.1#





#85

Di-n-octyl phthalate

Concen: 41.754 ng

RT: 14.621 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

SB-7D-AT-8-8.5

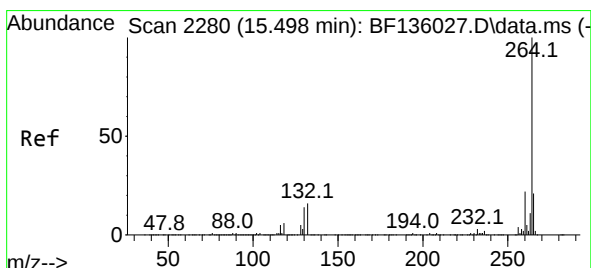
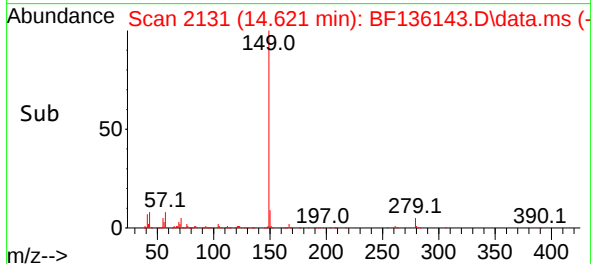
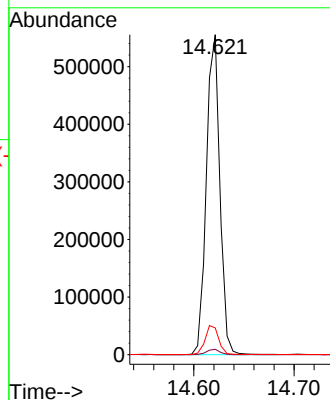
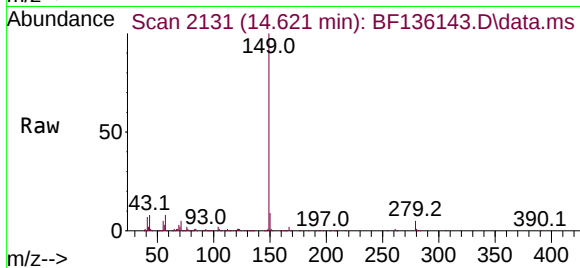
Tgt Ion:149 Resp: 522234

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.1 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

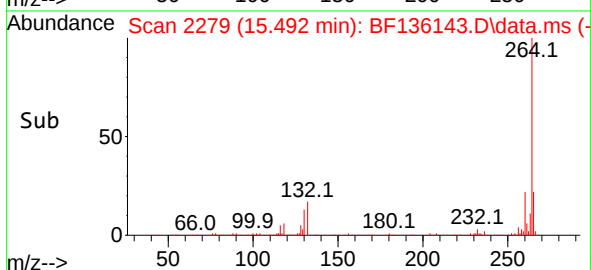
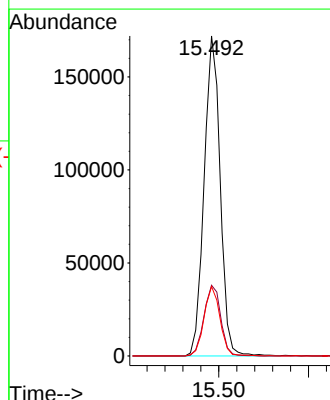
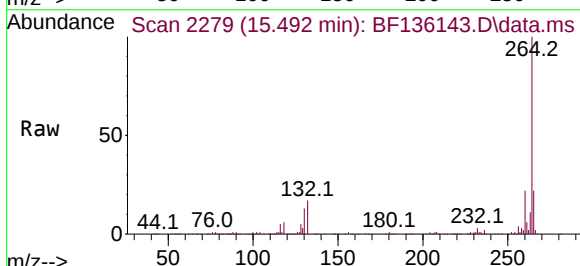
Tgt Ion:264 Resp: 213487

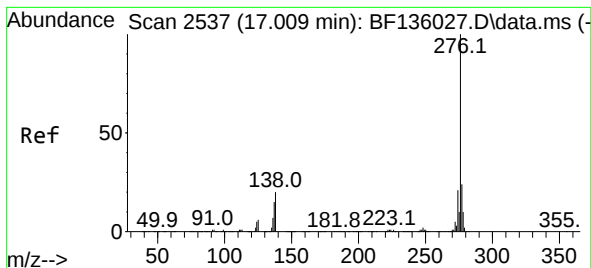
Ion Ratio Lower Upper

264 100

260 22.1 17.9 26.9

265 21.7 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.949 ng

RT: 17.009 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

SB-7D-AT-8-8.5

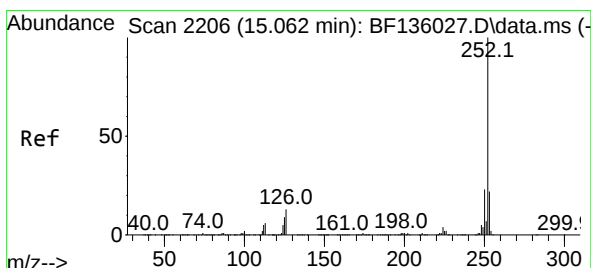
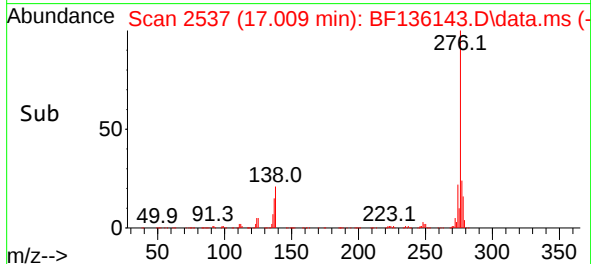
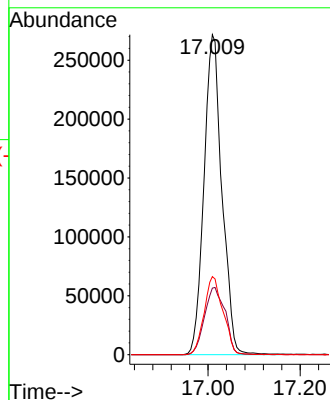
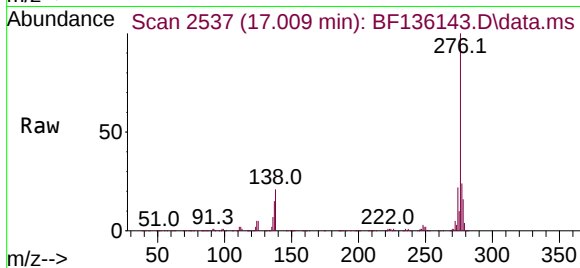
Tgt Ion:276 Resp: 738780

Ion Ratio Lower Upper

276 100

138 24.1 20.4 30.6

277 25.6 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.820 ng

RT: 15.057 min Scan# 2205

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

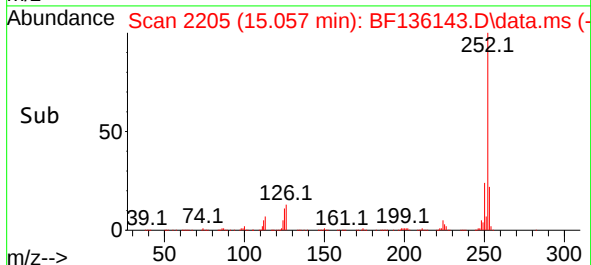
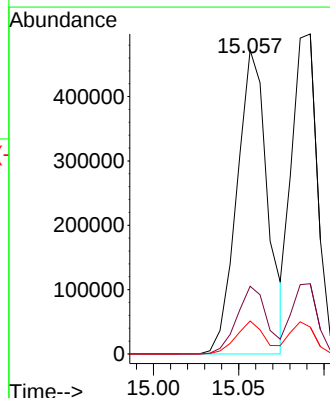
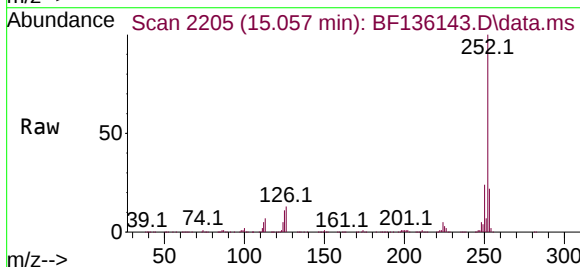
Tgt Ion:252 Resp: 591452

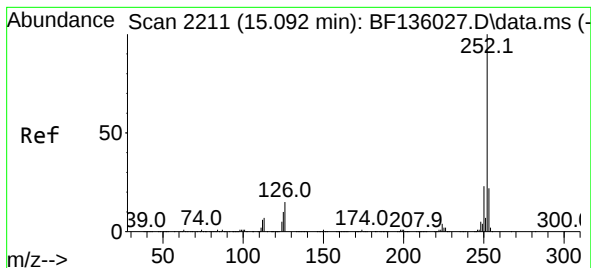
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.8 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 42.064 ng

RT: 15.092 min Scan# 2211

Delta R.T. 0.006 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

SB-7D-AT-8-8.5

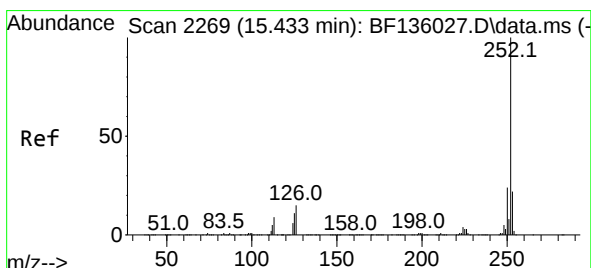
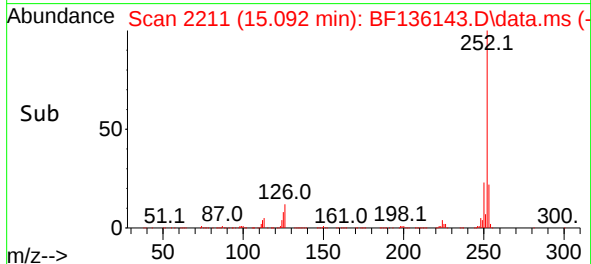
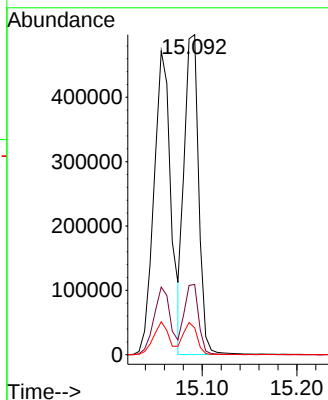
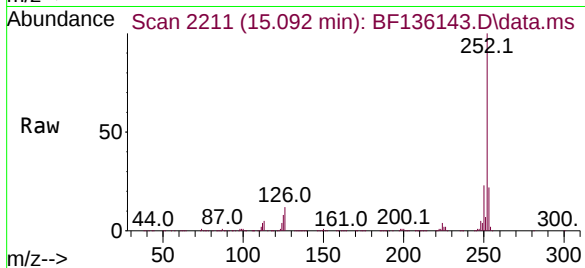
Tgt Ion:252 Resp: 525755

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 8.4 8.0 12.0



#90

Benzo(a)pyrene

Concen: 43.822 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF136143.D

Acq: 04 Nov 2023 12:04

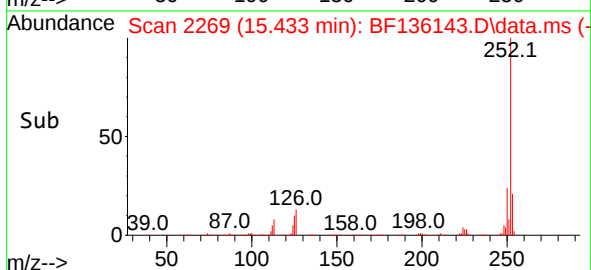
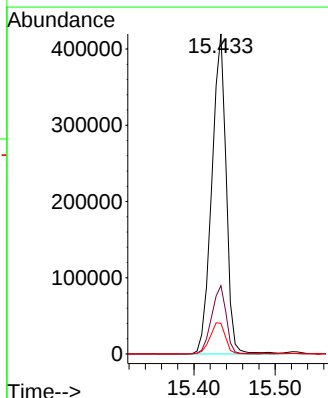
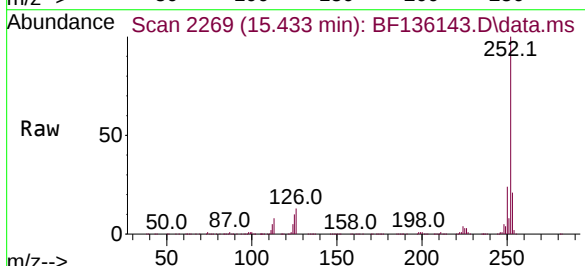
Tgt Ion:252 Resp: 514355

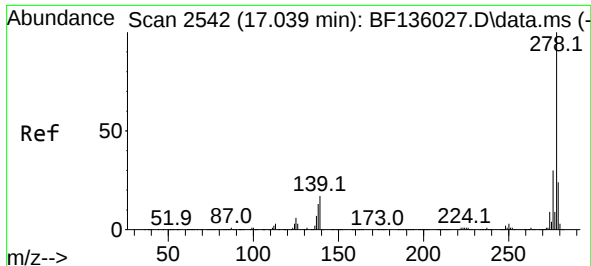
Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

125 9.6 9.0 13.6

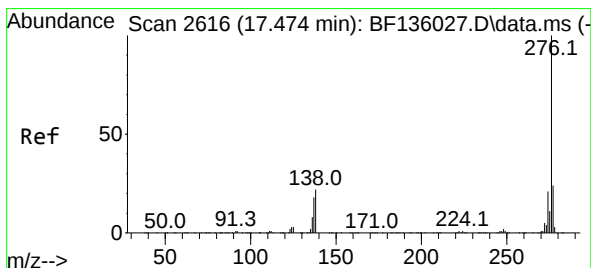
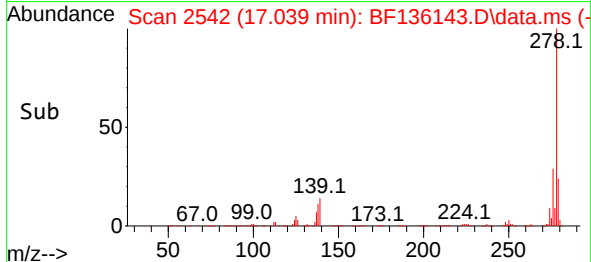
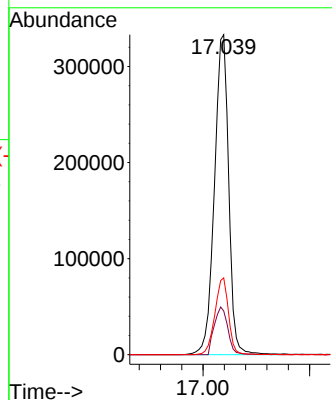
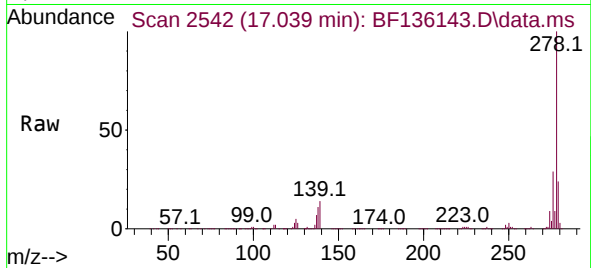




#91
Dibenzo(a,h)anthracene
Concen: 54.207 ng
RT: 17.039 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

Instrument :
BNA_F
ClientSampleId :
SB-7D-AT-8-8.5

Tgt Ion:278 Resp: 619537
Ion Ratio Lower Upper
278 100
139 13.7 13.7 20.5#
279 24.0 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 47.458 ng
RT: 17.474 min Scan# 2616
Delta R.T. 0.000 min
Lab File: BF136143.D
Acq: 04 Nov 2023 12:04

Tgt Ion:276 Resp: 617078
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 20.3 17.4 26.2

