

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136098.D
 Acq On : 02 Nov 2023 16:24
 Operator : CG\JU
 Sample : PB156660BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156660BS

Quant Time: Nov 02 16:48:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	119193	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	484035	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	261499	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	476901	20.000	ng	0.00
76) Chrysene-d12	14.010	240	225640	20.000	ng	0.00
86) Perylene-d12	15.498	264	232191	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	993921	131.036	ng	0.01
7) Phenol-d6	6.463	99	1250171	132.285	ng	0.00
23) Nitrobenzene-d5	7.386	82	762530	94.967	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	383117	137.260	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1396722	85.144	ng	0.00
79) Terphenyl-d14	12.957	244	1491285	102.708	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	134902	40.843	ng	100
3) Pyridine	3.416	79	297139	32.959	ng	99
4) n-Nitrosodimethylamine	3.387	42	172316	45.715	ng	92
6) Aniline	6.487	93	430207	35.160	ng	97
8) 2-Chlorophenol	6.604	128	392358	48.383	ng	99
9) Benzaldehyde	6.369	77	102779	19.504	ng	97
10) Phenol	6.475	94	464809	47.552	ng	85
11) bis(2-Chloroethyl)ether	6.563	93	358083	46.794	ng	99
12) 1,3-Dichlorobenzene	6.763	146	402728	47.716	ng	98
13) 1,4-Dichlorobenzene	6.839	146	411123	48.605	ng	98
14) 1,2-Dichlorobenzene	6.986	146	390275	49.345	ng	96
15) Benzyl Alcohol	6.963	79	311470	46.481	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	501882	47.649	ng	99
17) 2-Methylphenol	7.075	107	307006	44.627	ng	97
18) Hexachloroethane	7.334	117	146742	49.359	ng	92
19) n-Nitroso-di-n-propyla...	7.239	70	250871	46.459	ng	96
20) 3+4-Methylphenols	7.228	107	369345	44.028	ng	94
22) Acetophenone	7.234	105	513535	47.846	ng	# 90
24) Nitrobenzene	7.404	77	388900	47.883	ng	93
25) Isophorone	7.645	82	715708	47.214	ng	100
26) 2-Nitrophenol	7.716	139	201067	54.260	ng	90
27) 2,4-Dimethylphenol	7.757	122	350462	50.049	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	436047	46.948	ng	98
29) 2,4-Dichlorophenol	7.963	162	322003	48.778	ng	100
30) 1,2,4-Trichlorobenzene	8.045	180	344461	47.833	ng	99
31) Naphthalene	8.128	128	1089419	46.674	ng	99
32) Benzoic acid	7.886	122	254908	45.714	ng	97
33) 4-Chloroaniline	8.175	127	331895	32.469	ng	97
34) Hexachlorobutadiene	8.239	225	201099	48.694	ng	99
35) Caprolactam	8.551	113	72702	33.870	ng	97
36) 4-Chloro-3-methylphenol	8.657	107	345515	49.855	ng	99
37) 2-Methylnaphthalene	8.816	142	727706	46.497	ng	100
38) 1-Methylnaphthalene	8.916	142	670447	46.032	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	336308	45.095	ng	99
41) Hexachlorocyclopentadiene	8.969	237	397270	99.710	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	229869	47.273	ng	100

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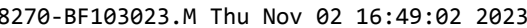
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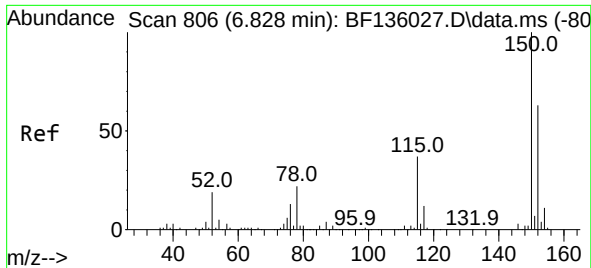
Quant Time: Nov 02 16:48:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	258974	45.977	ng	96
46) 1,1'-Biphenyl	9.286	154	905846	45.441	ng	99
47) 2-Chloronaphthalene	9.310	162	683772	46.529	ng	99
48) 2-Nitroaniline	9.404	65	217992	50.123	ng	98
49) Acenaphthylene	9.727	152	1050278	45.812	ng	99
50) Dimethylphthalate	9.592	163	807620	46.822	ng	100
51) 2,6-Dinitrotoluene	9.651	165	183525	49.747	ng	99
52) Acenaphthene	9.898	154	675404	46.343	ng	99
53) 3-Nitroaniline	9.816	138	173345	40.270	ng	94
54) 2,4-Dinitrophenol	9.927	184	190697	93.842	ng	97
55) Dibenzofuran	10.069	168	972906	45.781	ng	96
56) 4-Nitrophenol	9.980	139	302108	93.825	ng	# 81
57) 2,4-Dinitrotoluene	10.057	165	244819	52.450	ng	95
58) Fluorene	10.416	166	725544	45.600	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.186	232	218440	48.779	ng	99
60) Diethylphthalate	10.292	149	775159	47.034	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	357190	44.972	ng	99
62) 4-Nitroaniline	10.439	138	190277	45.905	ng	97
63) Azobenzene	10.569	77	725430	45.705	ng	99
65) 4,6-Dinitro-2-methylph...	10.463	198	133042	50.437	ng	86
66) n-Nitrosodiphenylamine	10.527	169	665057	46.228	ng	98
67) 4-Bromophenyl-phenylether	10.898	248	238284	47.657	ng	# 92
68) Hexachlorobenzene	10.963	284	265899	49.793	ng	99
69) Atrazine	11.057	200	149627	38.226	ng	99
70) Pentachlorophenol	11.157	266	300616	87.656	ng	97
71) Phenanthrene	11.380	178	1117136	46.524	ng	100
72) Anthracene	11.433	178	1127026	45.805	ng	100
73) Carbazole	11.586	167	987607	46.190	ng	99
74) Di-n-butylphthalate	11.927	149	1126942	46.126	ng	99
75) Fluoranthene	12.574	202	1077724	43.689	ng	98
77) Benzidine	12.698	184	259127	58.920	ng	98
78) Pyrene	12.804	202	1083839	54.482	ng	99
80) Butylbenzylphthalate	13.433	149	357597	50.217	ng	99
81) Benzo(a)anthracene	13.998	228	706021	47.263	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	226551	47.517	ng	# 99
83) Chrysene	14.039	228	686835	46.688	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	384125	46.301	ng	97
85) Di-n-octyl phthalate	14.621	149	585180	47.084	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	820497	54.069	ng	98
88) Benzo(b)fluoranthene	15.062	252	658881	47.956	ng	100
89) Benzo(k)fluoranthene	15.092	252	637361	46.885	ng	100
90) Benzo(a)pyrene	15.433	252	591143	46.307	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	679540	54.668	ng	98
92) Benzo(g,h,i)perylene	17.480	276	686187	48.457	ng	99

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

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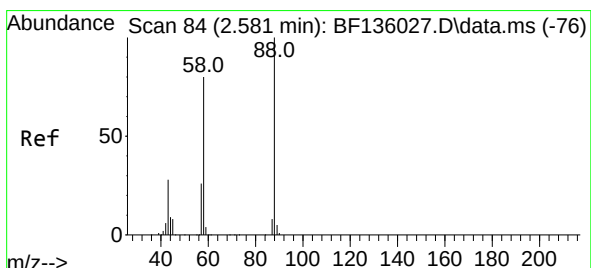
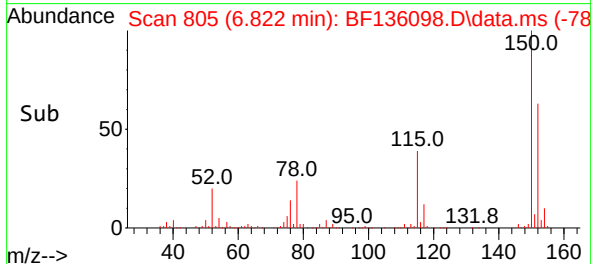
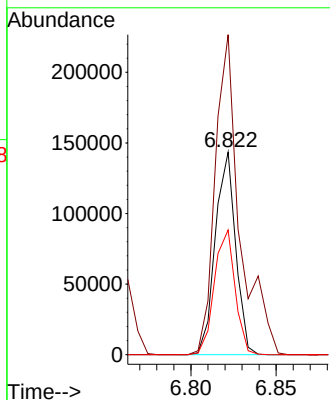
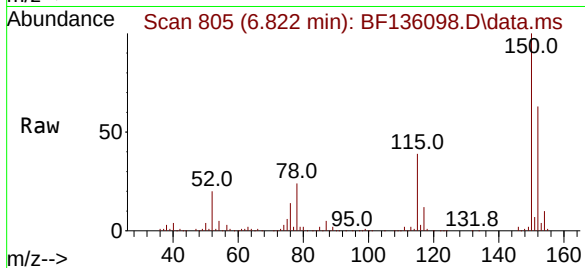




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136098.D
 Acq: 02 Nov 2023 16:24

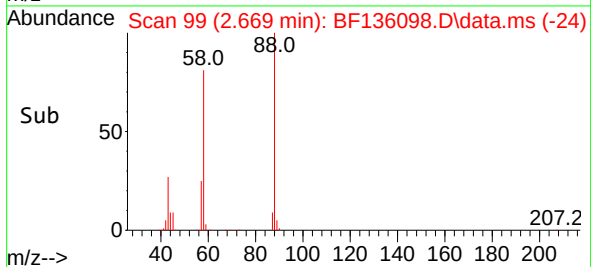
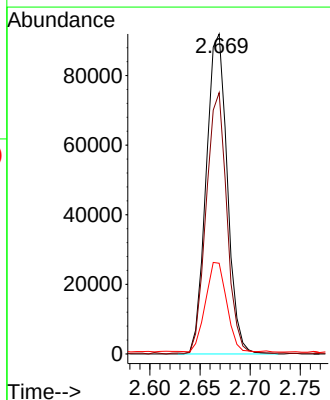
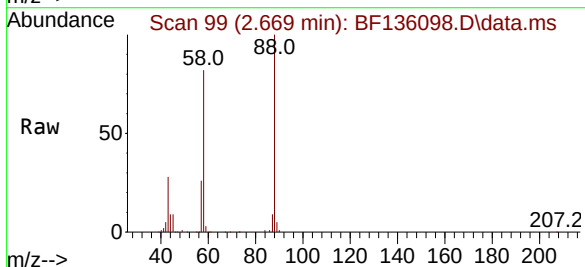
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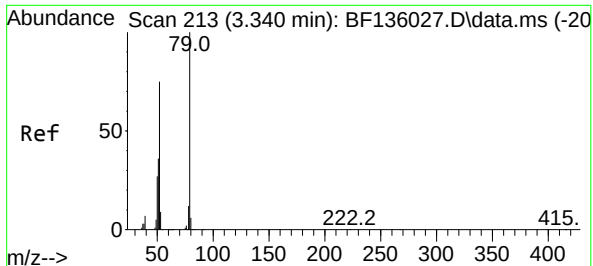
Tgt Ion:152 Resp: 119193
 Ion Ratio Lower Upper
 152 100
 150 157.9 126.4 189.6
 115 61.5 47.0 70.4



#2
 1,4-Dioxane
 Concen: 40.843 ng
 RT: 2.669 min Scan# 99
 Delta R.T. 0.088 min
 Lab File: BF136098.D
 Acq: 02 Nov 2023 16:24

Tgt Ion: 88 Resp: 134902
 Ion Ratio Lower Upper
 88 100
 58 80.3 64.3 96.5
 43 27.7 22.3 33.5

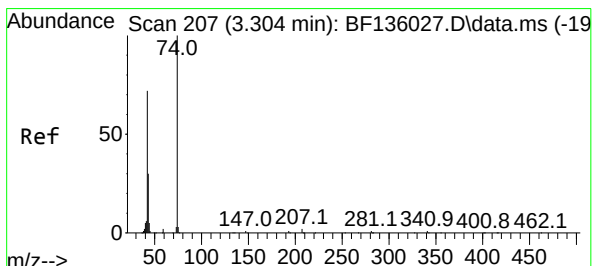
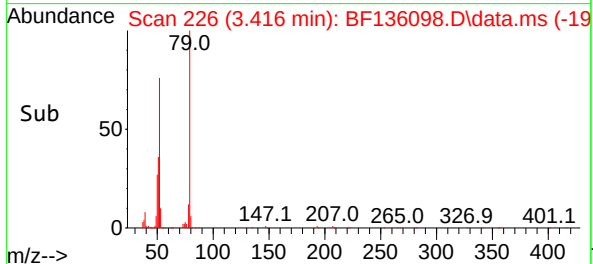
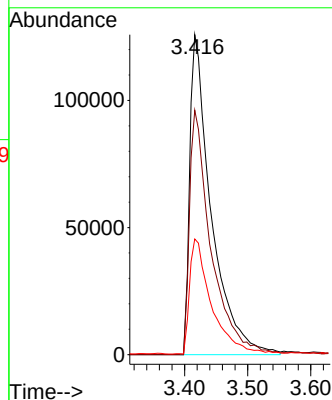
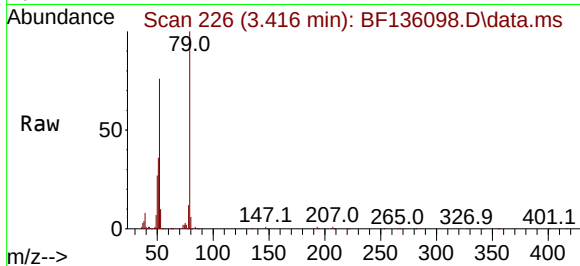




#3
Pyridine
Concen: 32.959 ng
RT: 3.416 min Scan# 21
Delta R.T. 0.077 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

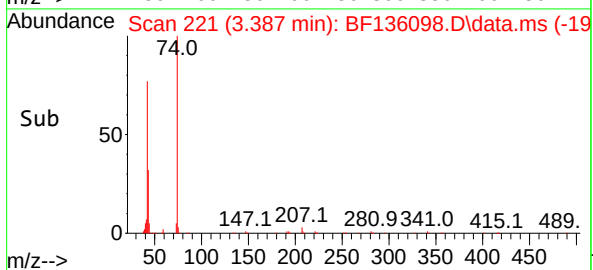
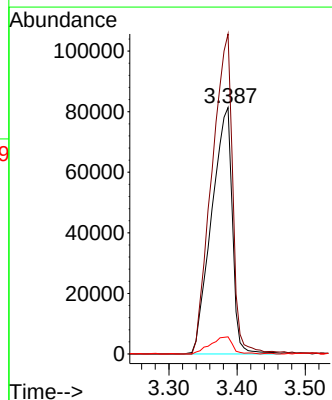
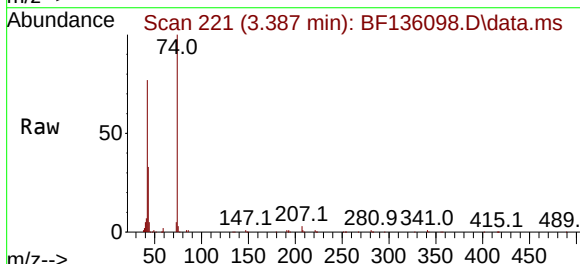
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BNA_F
ClientSampleId :
PB156660BS

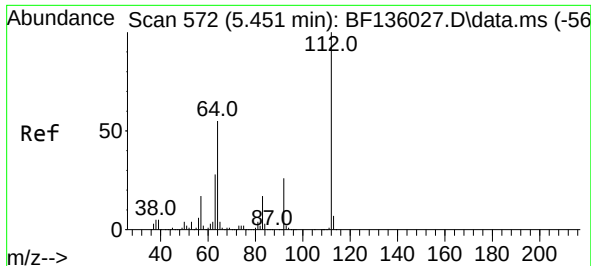
Tgt Ion: 79 Resp: 297139
Ion Ratio Lower Upper
79 100
52 76.4 60.3 90.5
51 36.1 29.3 43.9



#4
n-Nitrosodimethylamine
Concen: 45.715 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.082 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

Tgt Ion: 42 Resp: 172316
Ion Ratio Lower Upper
42 100
74 129.8 111.8 167.6
44 6.9 6.2 9.4

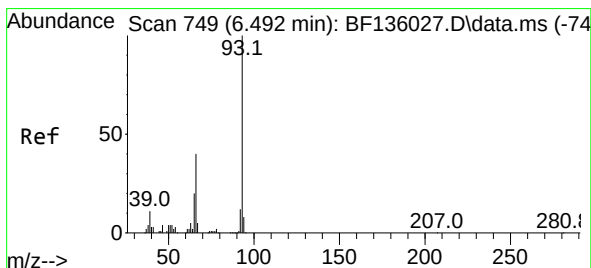
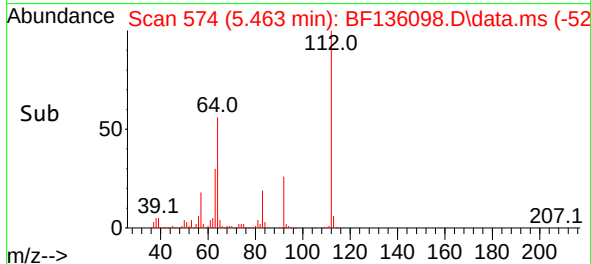
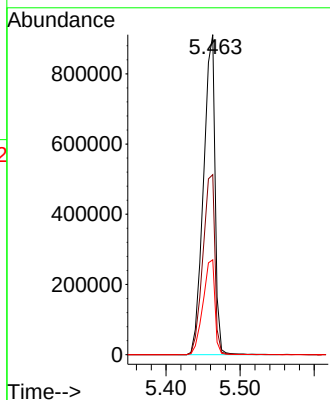
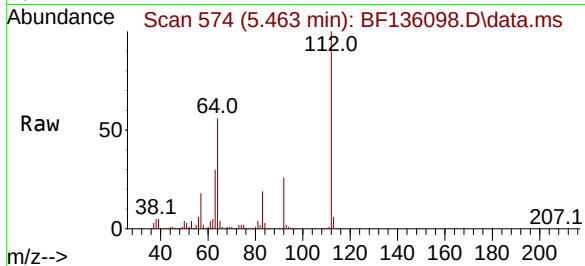




#5
2-Fluorophenol
Concen: 131.036 ng
RT: 5.463 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

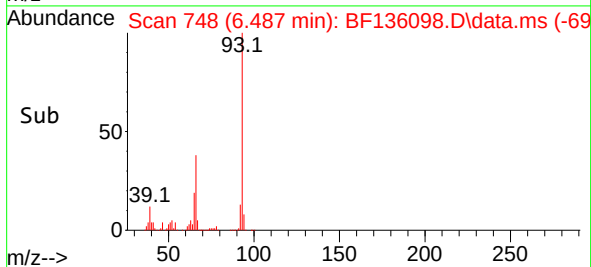
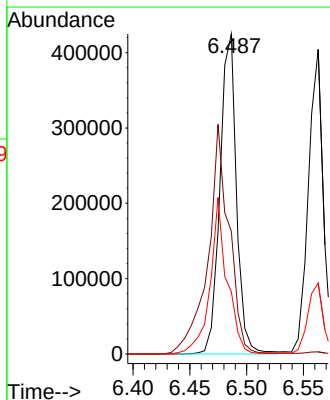
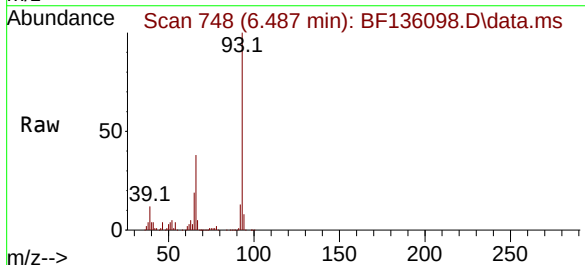
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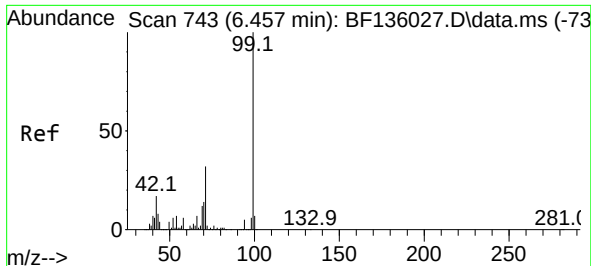
Tgt Ion:112 Resp: 993921
Ion Ratio Lower Upper
112 100
64 56.2 43.9 65.9
63 29.7 22.4 33.6



#6
Aniline
Concen: 35.160 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

Tgt Ion: 93 Resp: 430207
Ion Ratio Lower Upper
93 100
66 38.4 32.4 48.6
65 19.4 16.2 24.2





#7

Phenol-d6

Concen: 132.285 ng

RT: 6.463 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA_F

ClientSampleId :

PB156660BS

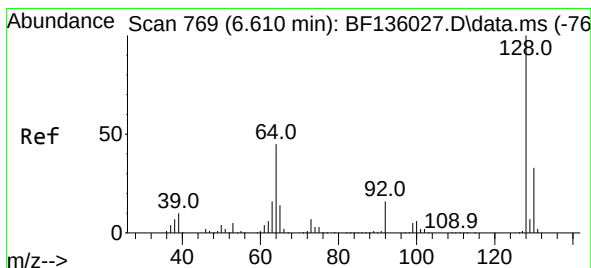
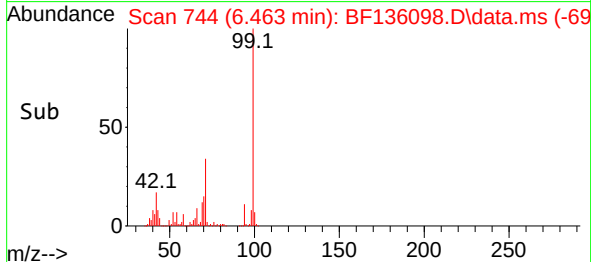
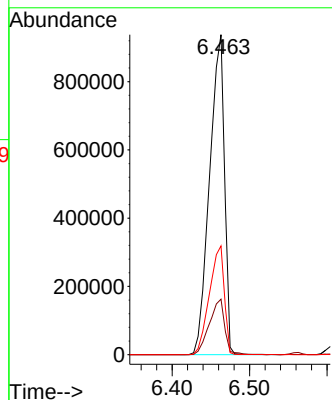
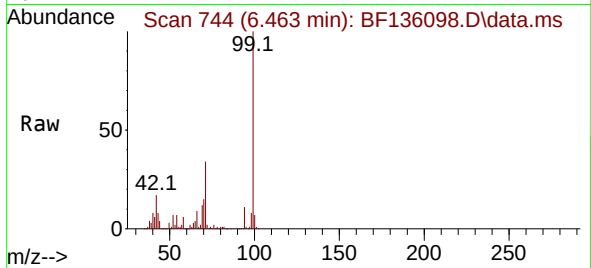
Tgt Ion: 99 Resp: 1250171

Ion Ratio Lower Upper

99 100

42 17.4 13.7 20.5

71 34.0 25.9 38.9



#8

2-Chlorophenol

Concen: 48.383 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

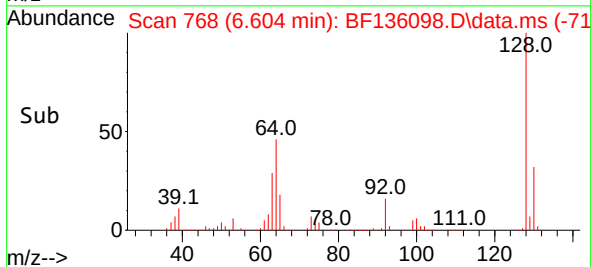
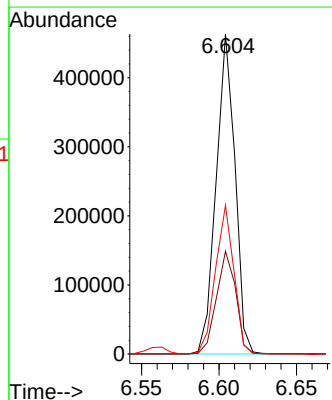
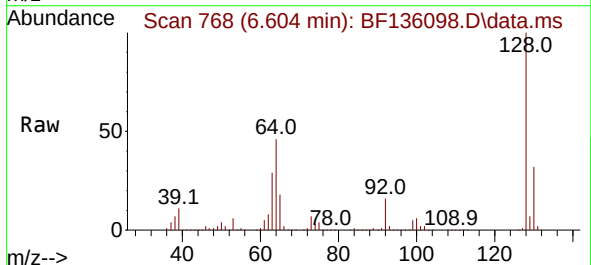
Tgt Ion:128 Resp: 392358

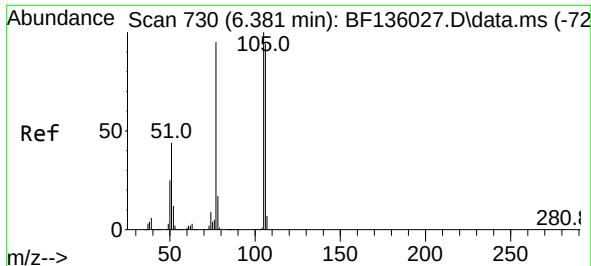
Ion Ratio Lower Upper

128 100

130 32.1 12.8 52.8

64 46.5 25.8 65.8

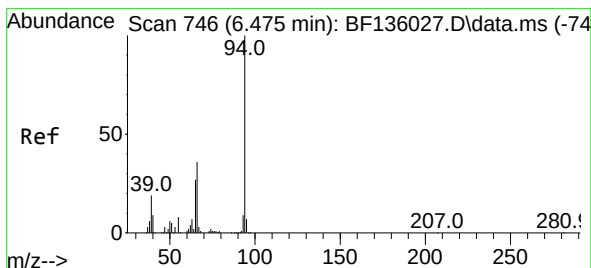
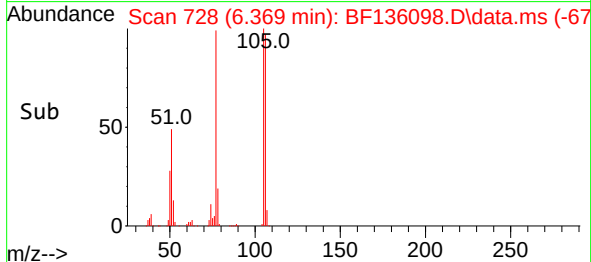
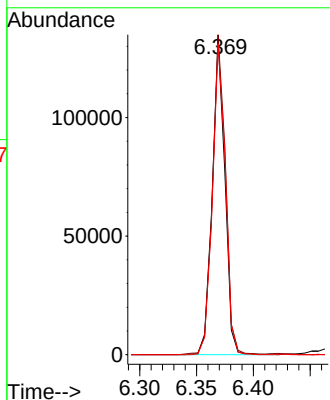
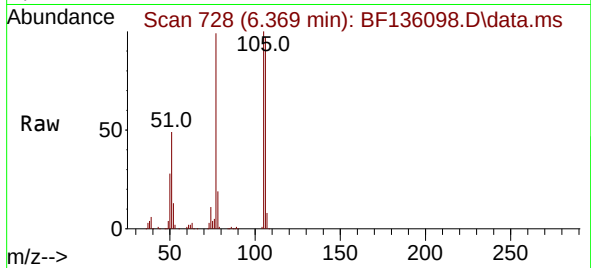




#9
Benzaldehyde
Concen: 19.504 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

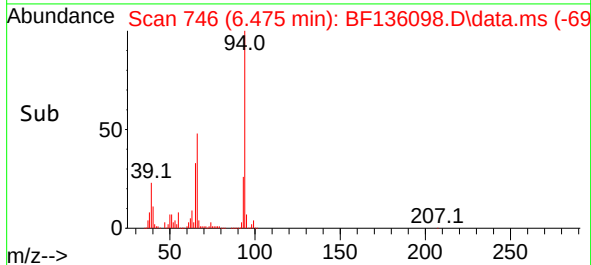
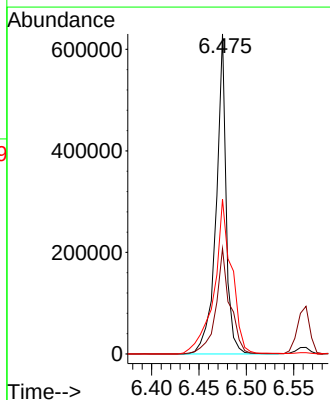
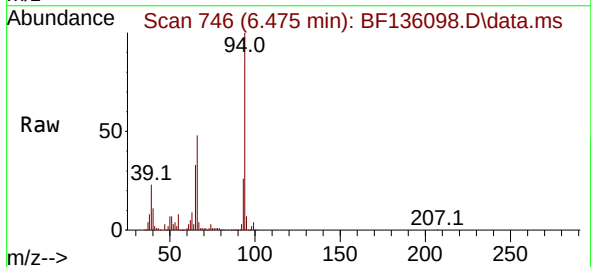
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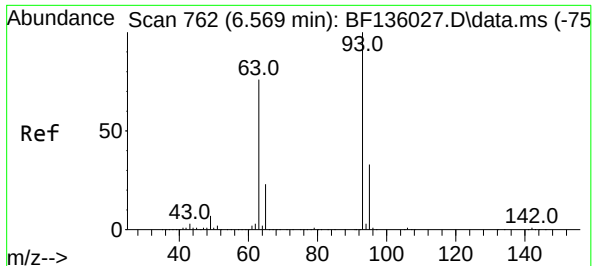
Tgt Ion: 77 Resp: 102779
Ion Ratio Lower Upper
77 100
105 101.1 85.7 125.7
106 98.2 79.8 119.8



#10
Phenol
Concen: 47.552 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

Tgt Ion: 94 Resp: 464809
Ion Ratio Lower Upper
94 100
65 33.0 7.5 47.5
66 48.4 17.1 57.1

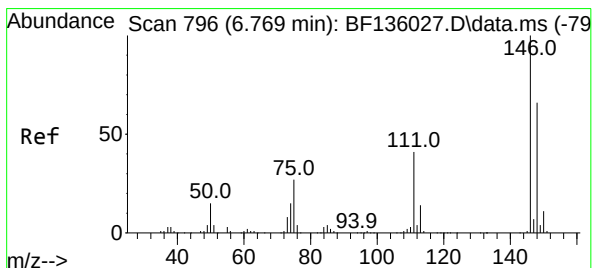
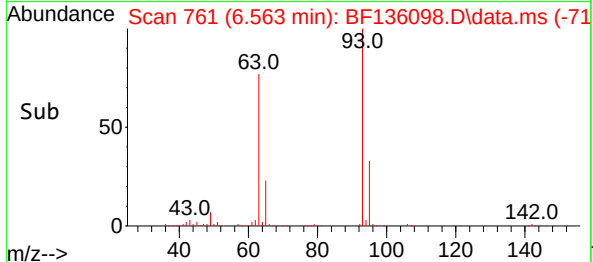
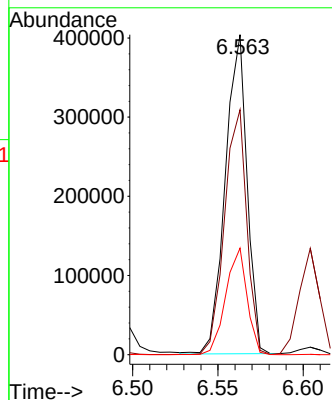
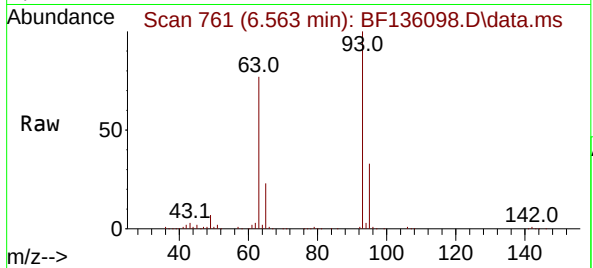




#11
bis(2-Chloroethyl)ether
Concen: 46.794 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

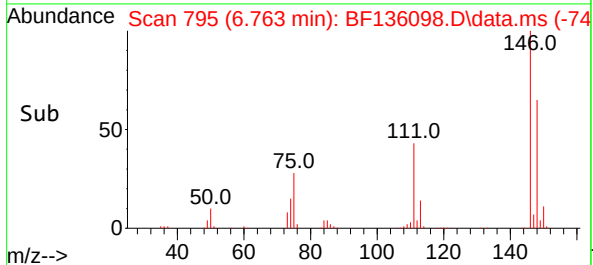
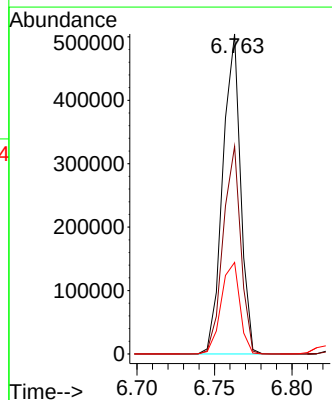
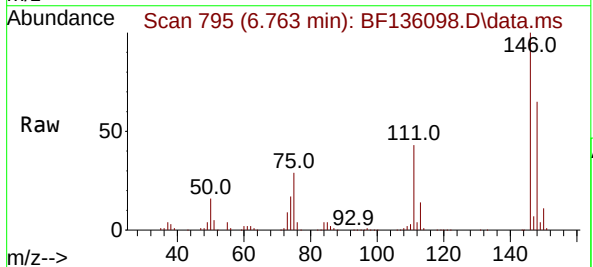
Instrument :
BNA_F
ClientSampleId :
PB156660BS

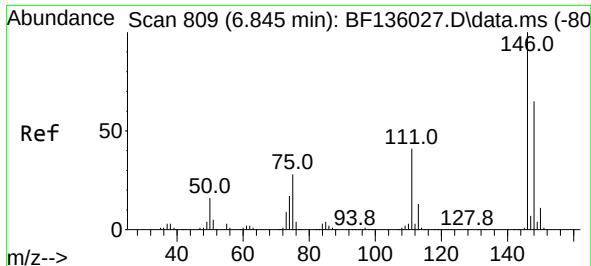
Tgt Ion: 93 Resp: 358083
Ion Ratio Lower Upper
93 100
63 76.5 55.8 95.8
95 33.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 47.716 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

Tgt Ion:146 Resp: 402728
Ion Ratio Lower Upper
146 100
148 64.9 52.6 78.8
75 28.6 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 48.605 ng

RT: 6.839 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA_F

ClientSampleId :

PB156660BS

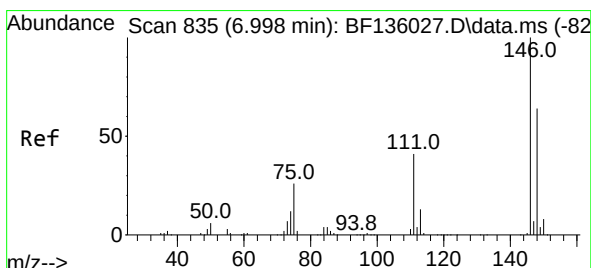
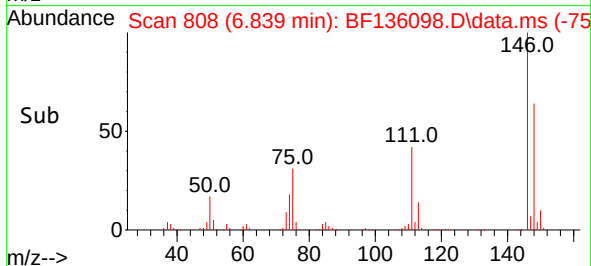
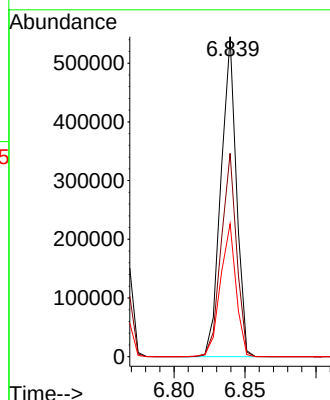
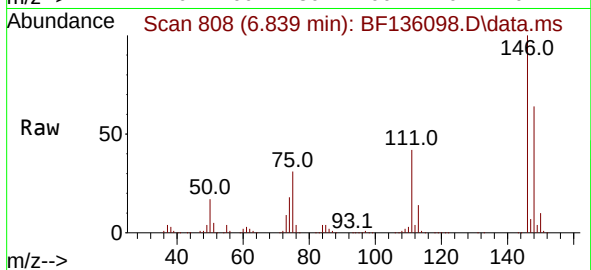
Tgt Ion:146 Resp: 411123

Ion Ratio Lower Upper

146 100

148 63.6 52.1 78.1

111 41.5 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 49.345 ng

RT: 6.986 min Scan# 833

Delta R.T. -0.012 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

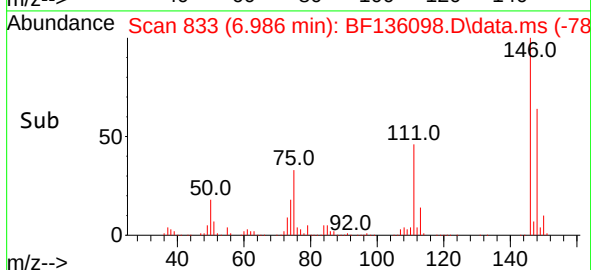
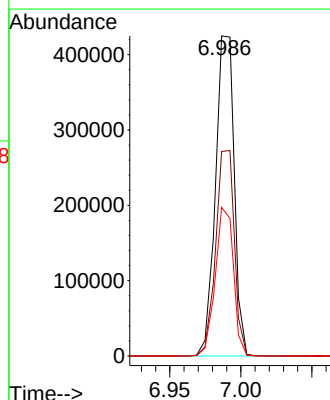
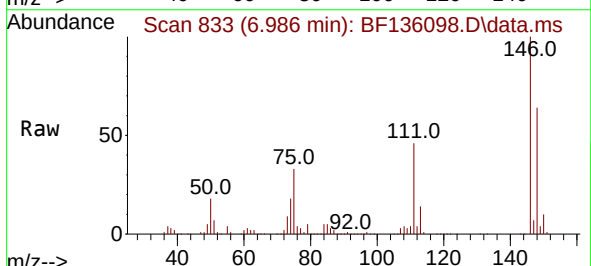
Tgt Ion:146 Resp: 390275

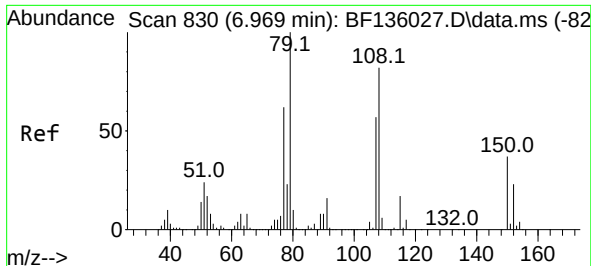
Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.2

111 46.5 33.0 49.4

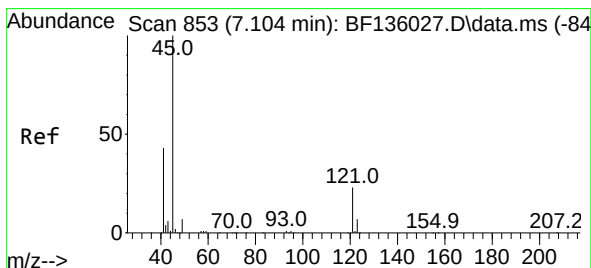
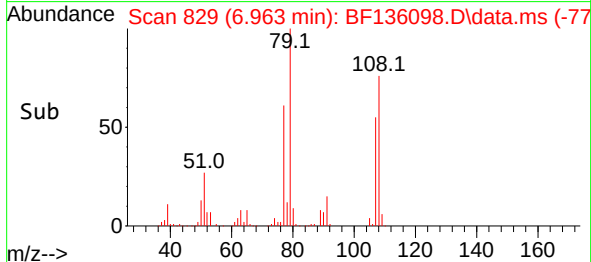
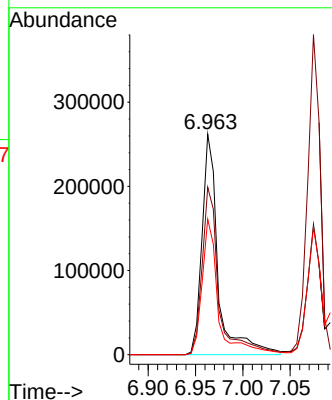
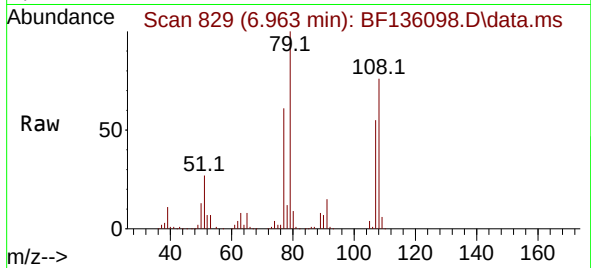




#15
Benzyl Alcohol
Concen: 46.481 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

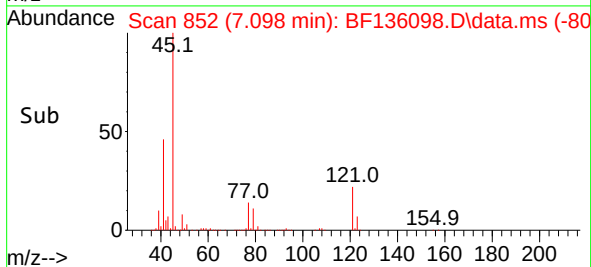
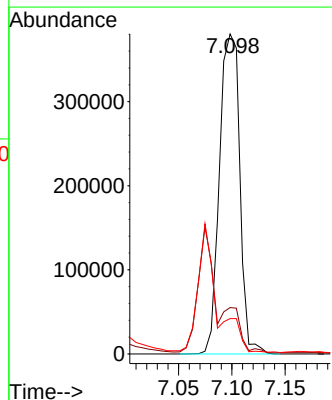
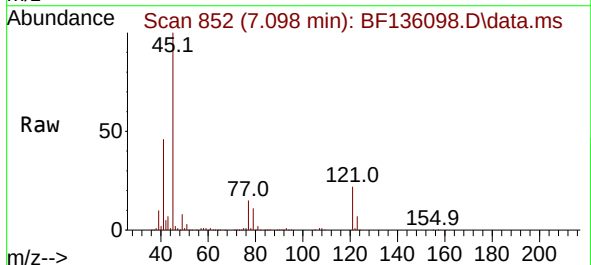
Instrument :
BNA_F
ClientSampleId :
PB156660BS

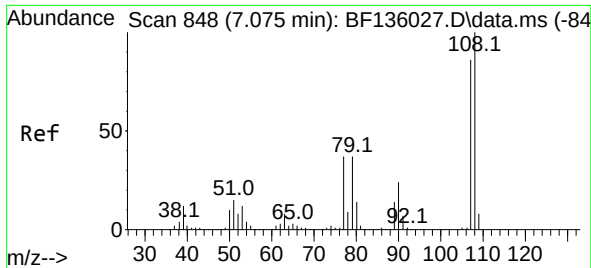
Tgt Ion: 79 Resp: 311470
Ion Ratio Lower Upper
79 100
108 76.0 65.9 98.9
77 61.5 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.649 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

Tgt Ion: 45 Resp: 501882
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.6
79 11.1 0.0 30.6



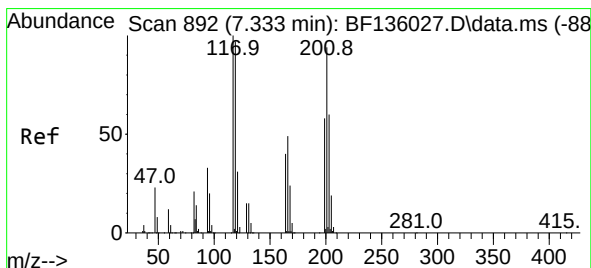
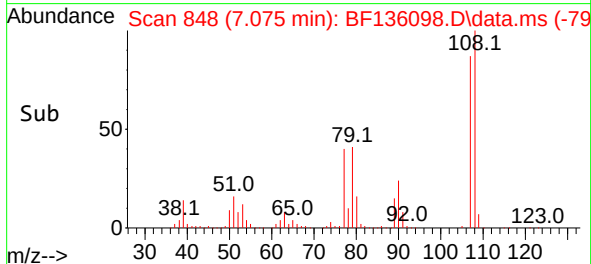
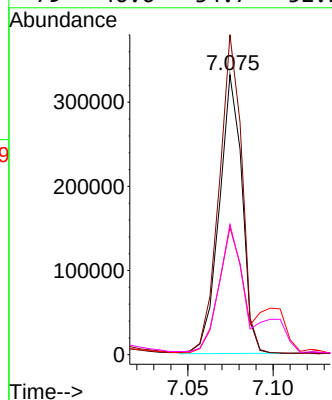
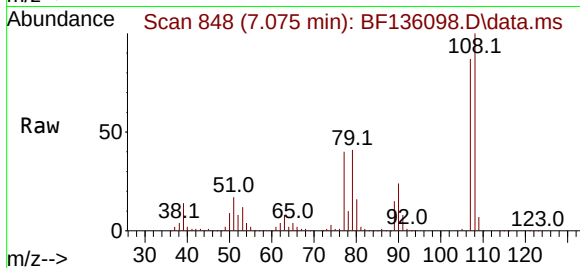


#17
2-Methylphenol
Concen: 44.627 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

Instrument :
BNA_F
ClientSampleId :
PB156660BS

Tgt Ion:107 Resp: 307006

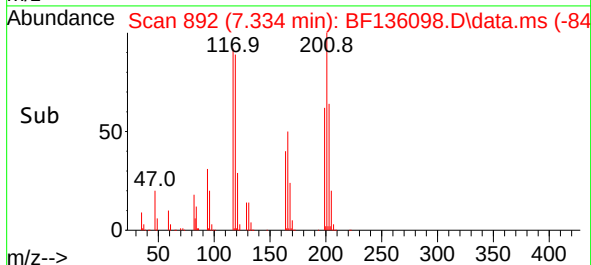
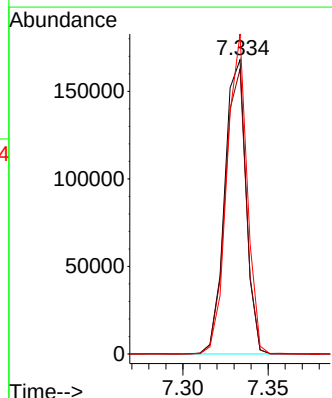
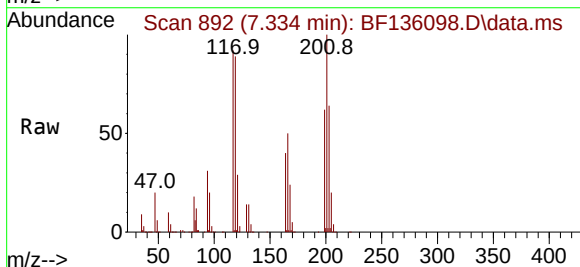
Ion	Ratio	Lower	Upper
107	100		
108	114.4	93.4	140.2
77	45.5	34.4	51.6
79	46.6	34.7	52.1

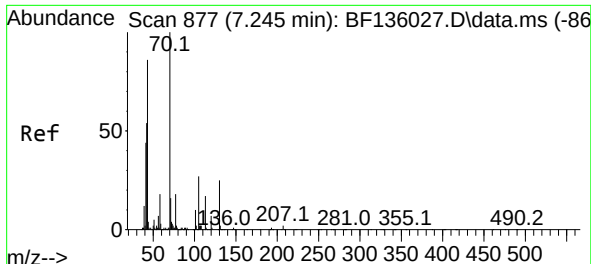


#18
Hexachloroethane
Concen: 49.359 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

Tgt Ion:117 Resp: 146742

Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.7	116.5
201	108.8	75.0	112.6

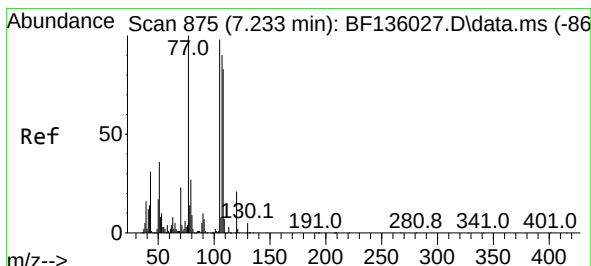
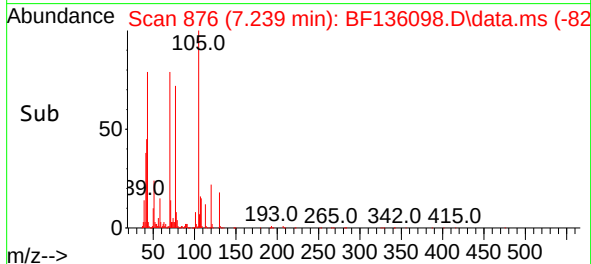
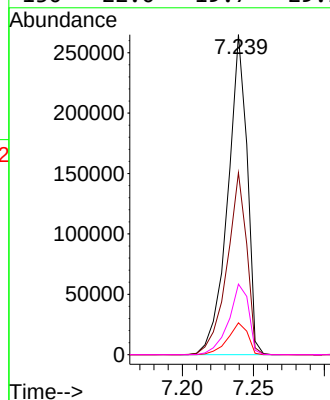
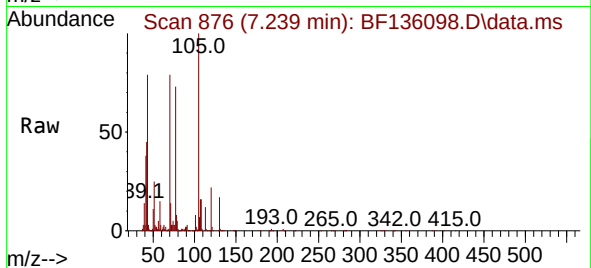




#19
n-Nitroso-di-n-propylamine
Concen: 46.459 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

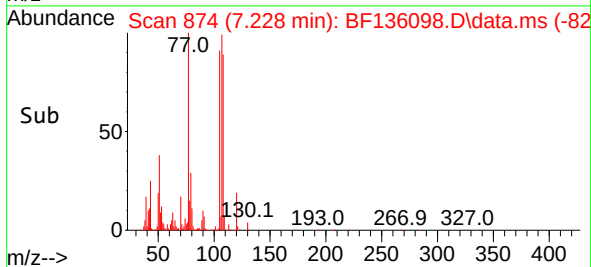
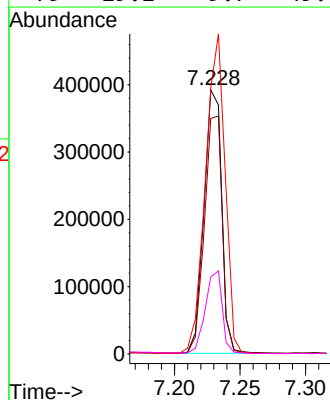
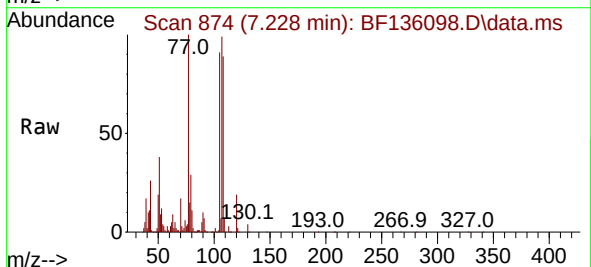
Instrument :
BNA_F
ClientSampleId :
PB156660BS

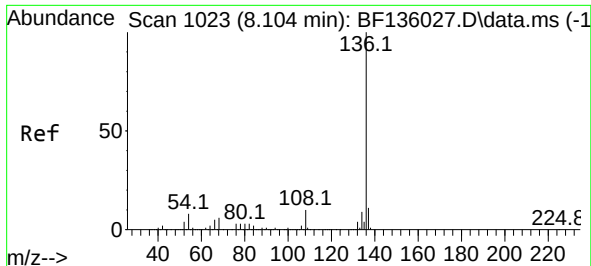
Tgt Ion: 70 Resp: 250871
Ion Ratio Lower Upper
70 100
42 56.8 43.0 64.4
101 10.0 8.0 12.0
130 22.0 19.7 29.5



#20
3+4-Methylphenols
Concen: 44.028 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

Tgt Ion: 107 Resp: 369345
Ion Ratio Lower Upper
107 100
108 89.2 72.3 112.3
77 100.5 91.4 131.4
79 29.2 9.7 49.7

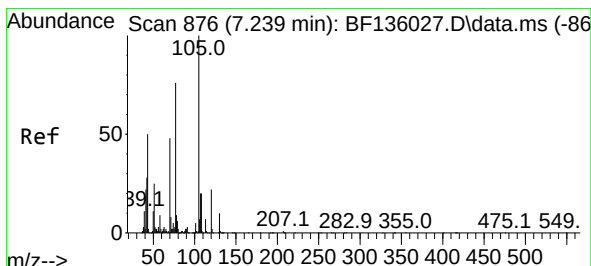
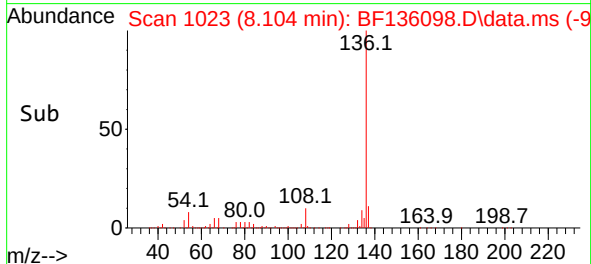
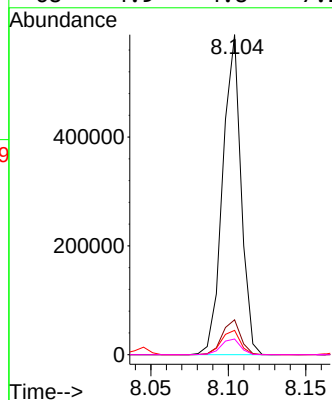
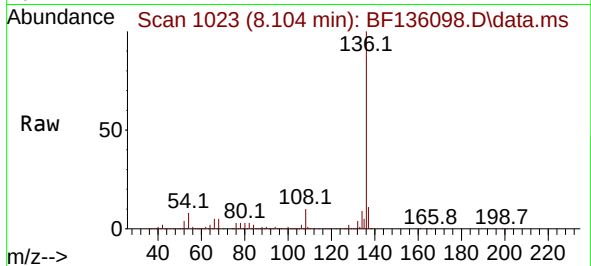




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

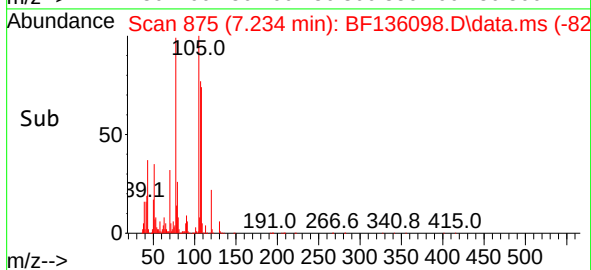
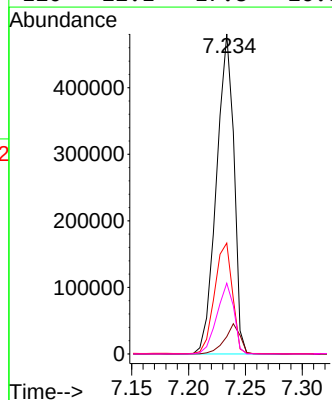
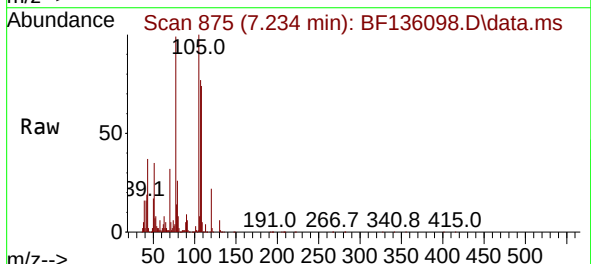
Instrument :
BNA_F
ClientSampleId :
PB156660BS

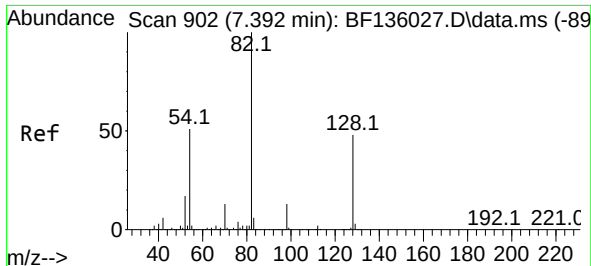
Tgt Ion:	136	Resp:	484035
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.6	6.6	9.8
68	4.9	4.8	7.2



#22
Acetophenone
Concen: 47.846 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

Tgt Ion:	105	Resp:	513535
Ion	Ratio	Lower	Upper
105	100		
71	5.4	6.5	9.7#
51	34.7	20.3	30.5#
120	22.1	17.8	26.8





#23

Nitrobenzene-d5

Concen: 94.967 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA_F

ClientSampleId :

PB156660BS

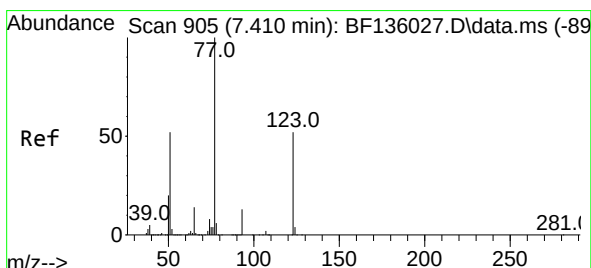
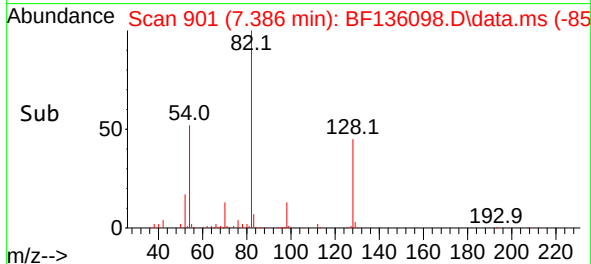
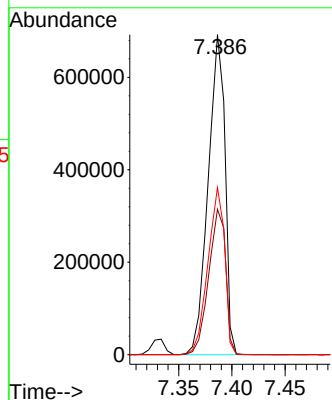
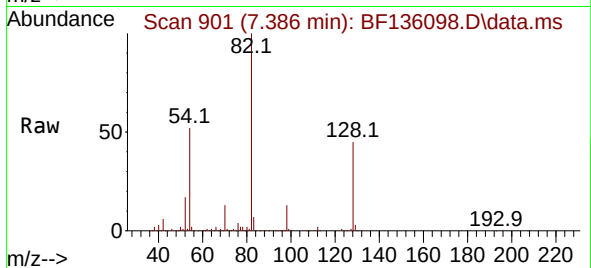
Tgt Ion: 82 Resp: 762530

Ion Ratio Lower Upper

82 100

128 45.4 38.6 57.8

54 52.3 40.8 61.2



#24

Nitrobenzene

Concen: 47.883 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

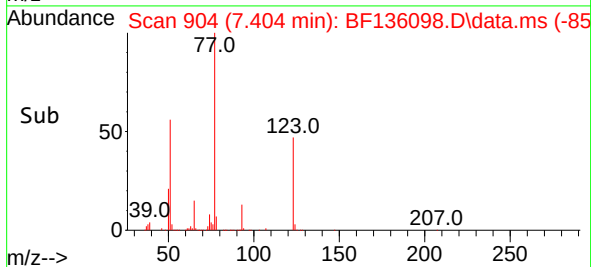
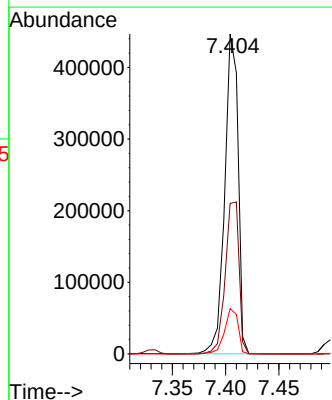
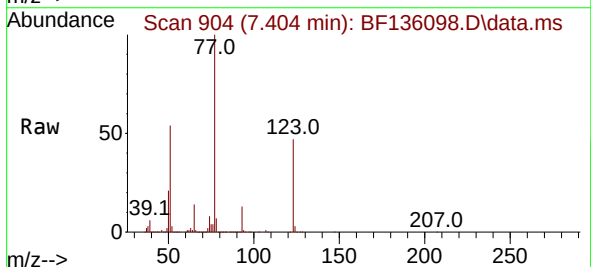
Tgt Ion: 77 Resp: 388900

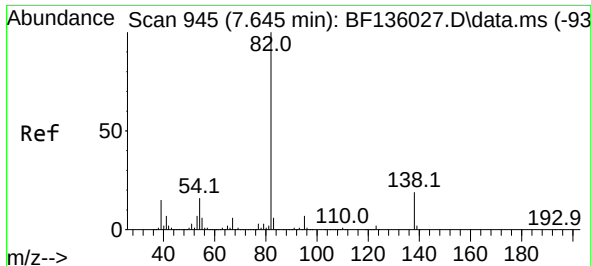
Ion Ratio Lower Upper

77 100

123 47.0 42.3 63.5

65 14.1 11.0 16.6

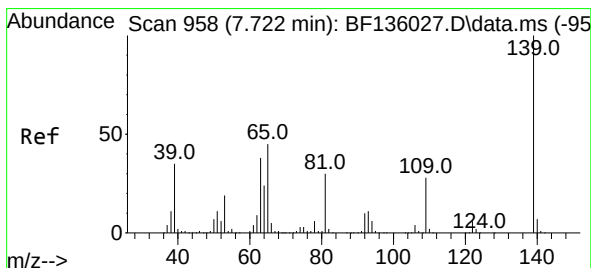
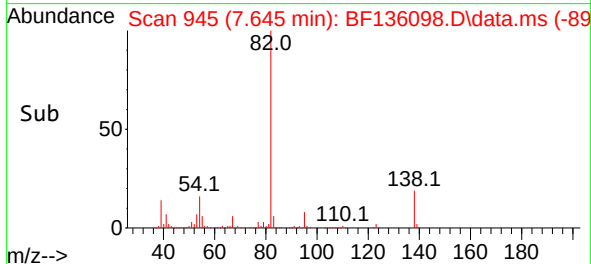
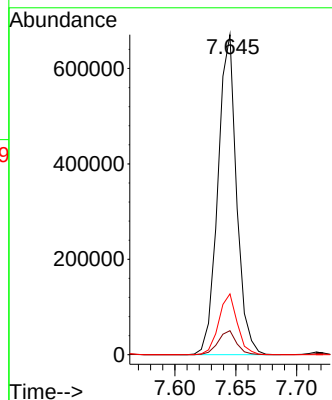
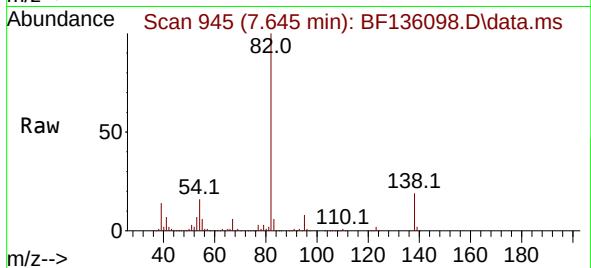




#25
Isophorone
Concen: 47.214 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

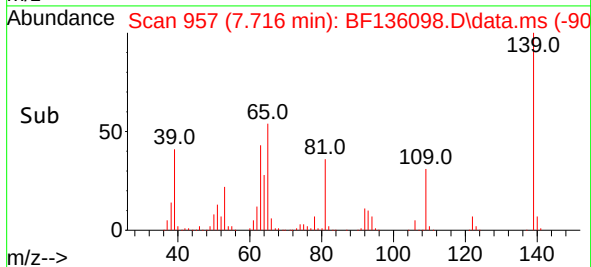
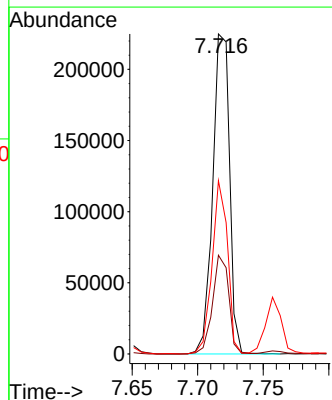
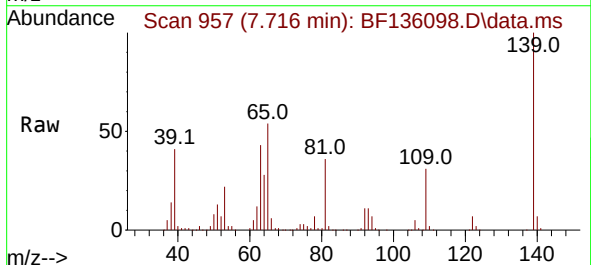
Instrument :
BNA_F
ClientSampleId :
PB156660BS

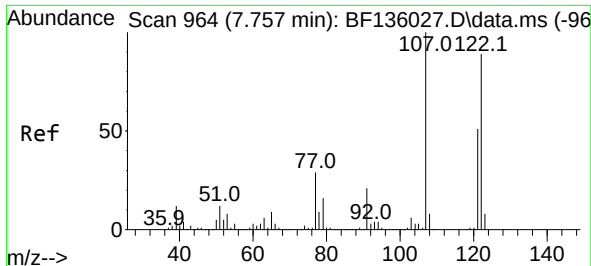
Tgt Ion: 82 Resp: 715708
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 19.0 15.3 22.9



#26
2-Nitrophenol
Concen: 54.260 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

Tgt Ion:139 Resp: 201067
Ion Ratio Lower Upper
139 100
109 30.8 22.6 34.0
65 54.1 36.3 54.5





#27

2,4-Dimethylphenol

Concen: 50.049 ng

RT: 7.757 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA_F

ClientSampleId :

PB156660BS

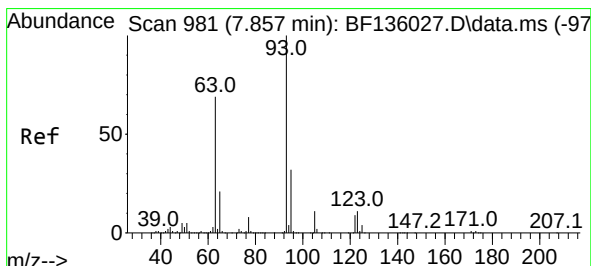
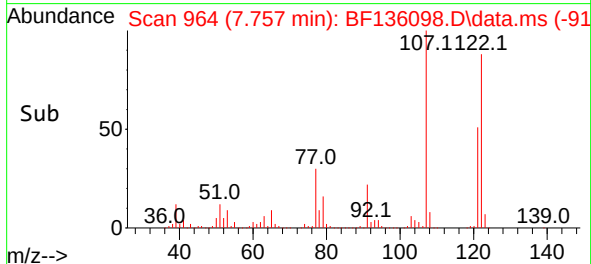
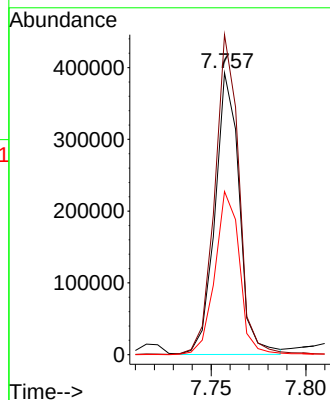
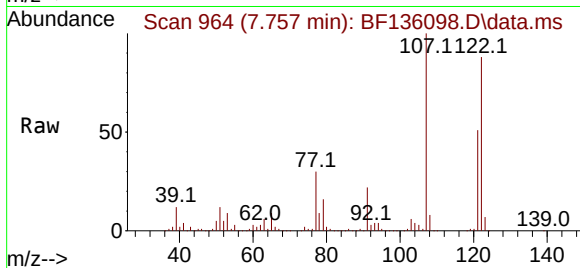
Tgt Ion:122 Resp: 350462

Ion Ratio Lower Upper

122 100

107 113.6 89.6 134.4

121 57.9 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 46.948 ng

RT: 7.857 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

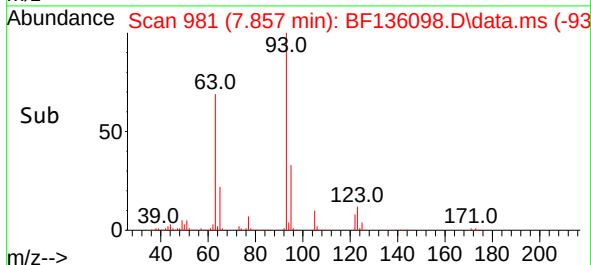
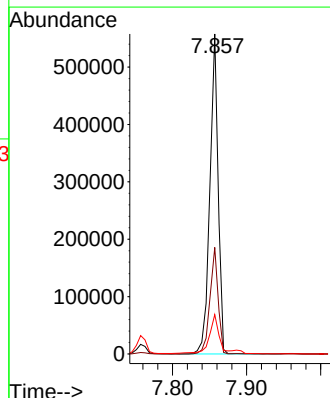
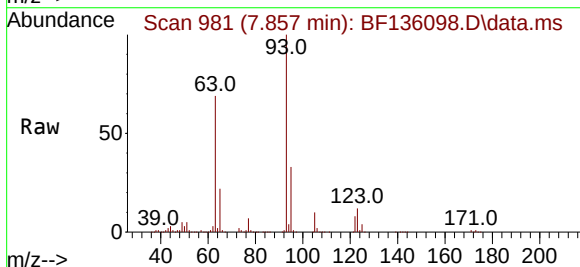
Tgt Ion: 93 Resp: 436047

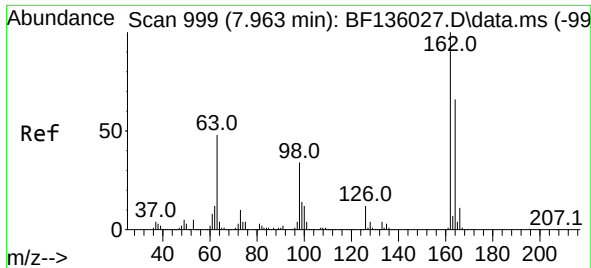
Ion Ratio Lower Upper

93 100

95 33.3 25.7 38.5

123 12.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 48.778 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA_F

ClientSampleId :

PB156660BS

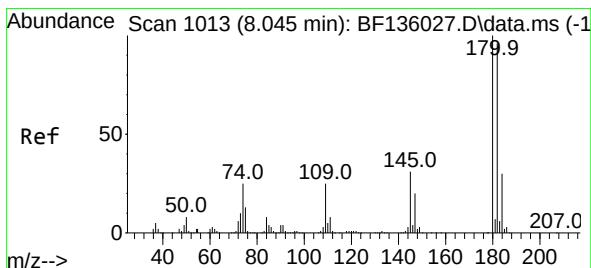
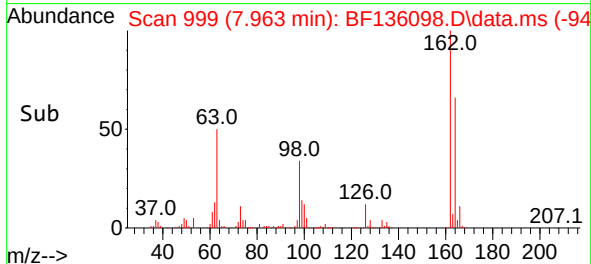
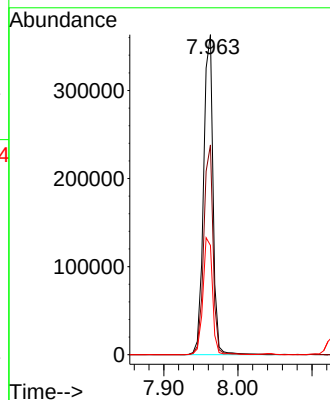
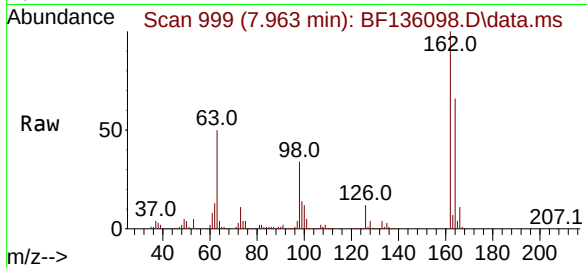
Tgt Ion:162 Resp: 322003

Ion Ratio Lower Upper

162 100

164 65.5 45.5 85.5

98 34.2 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 47.833 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

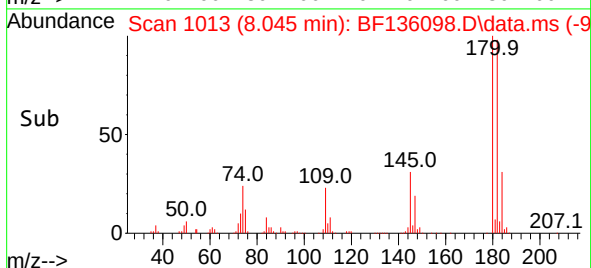
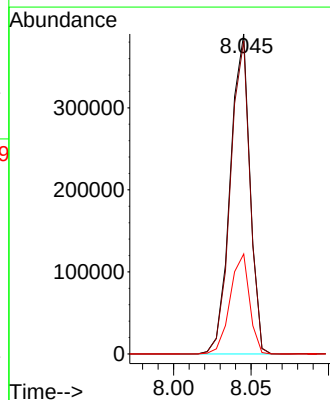
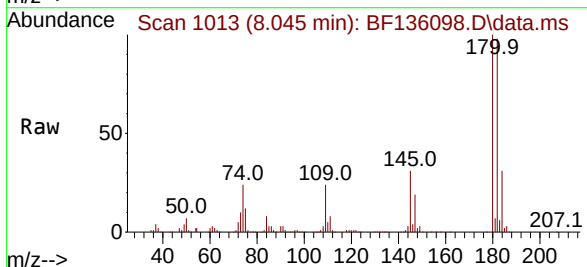
Tgt Ion:180 Resp: 344461

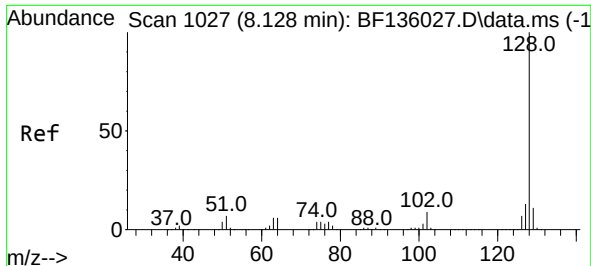
Ion Ratio Lower Upper

180 100

182 97.8 76.9 115.3

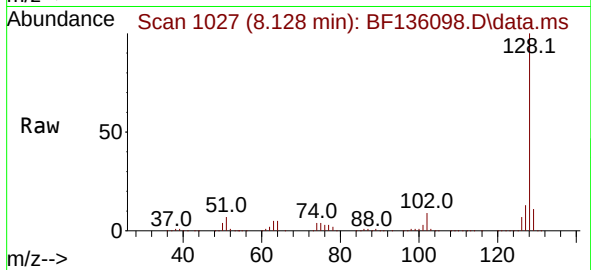
145 31.2 24.7 37.1



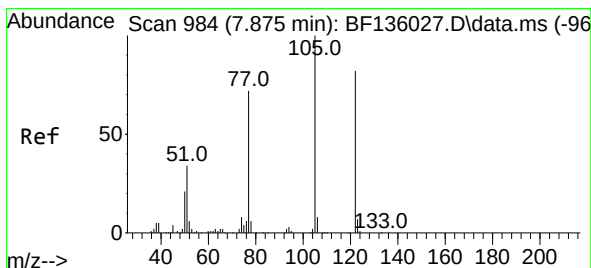
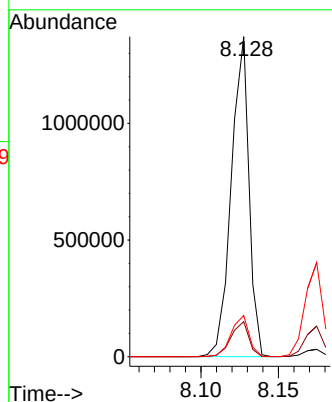
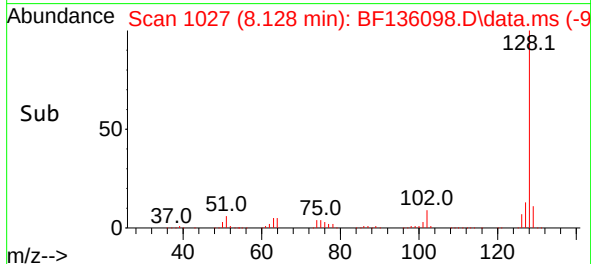


#31
Naphthalene
Concen: 46.674 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

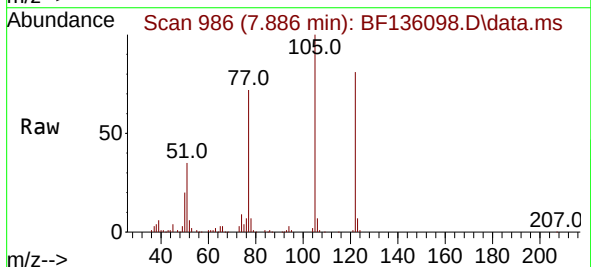
Instrument :
BNA_F
ClientSampleId :
PB156660BS



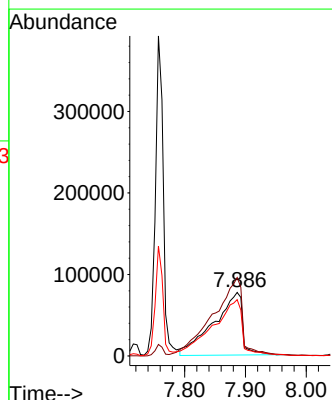
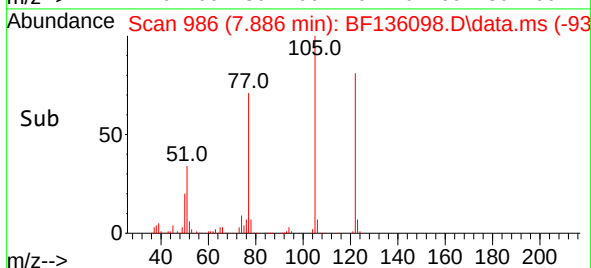
Tgt Ion:128 Resp: 1089419
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.8 10.5 15.7

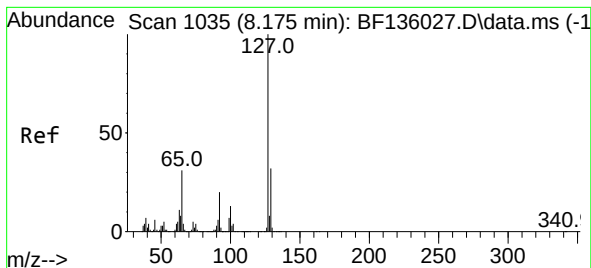


#32
Benzoic acid
Concen: 45.714 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.011 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24



Tgt Ion:122 Resp: 254908
Ion Ratio Lower Upper
122 100
105 123.2 99.5 139.5
77 88.5 66.8 106.8





#33

4-Chloroaniline

Concen: 32.469 ng

RT: 8.175 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA_F

ClientSampleId :

PB156660BS

Tgt Ion:127 Resp: 331895

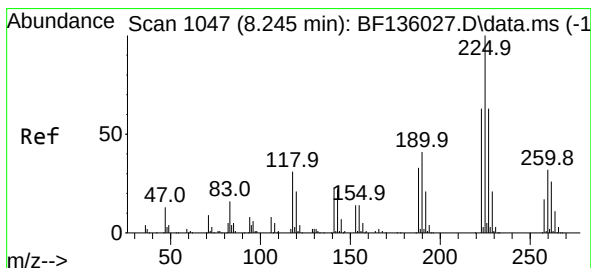
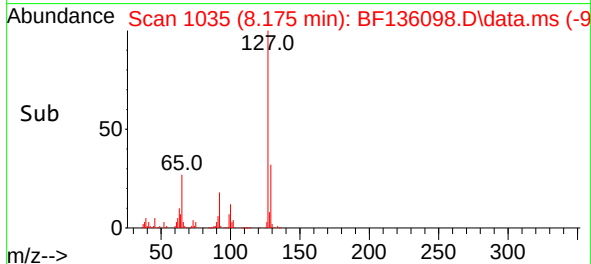
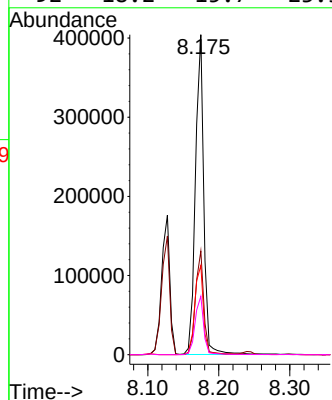
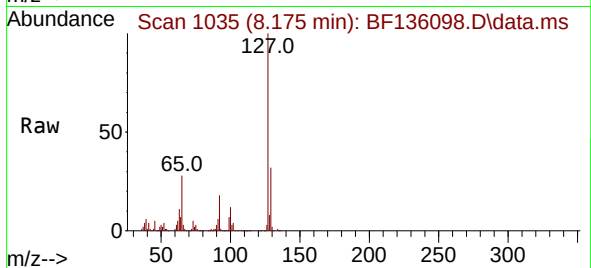
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 27.9 24.6 37.0

92 18.2 15.7 23.5



#34

Hexachlorobutadiene

Concen: 48.694 ng

RT: 8.239 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

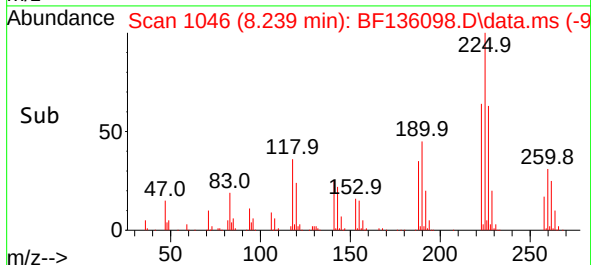
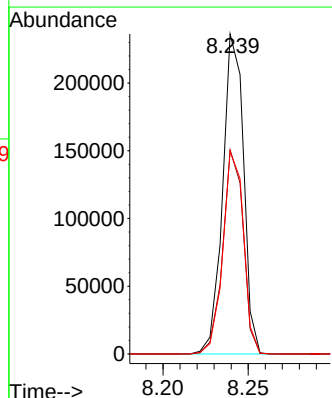
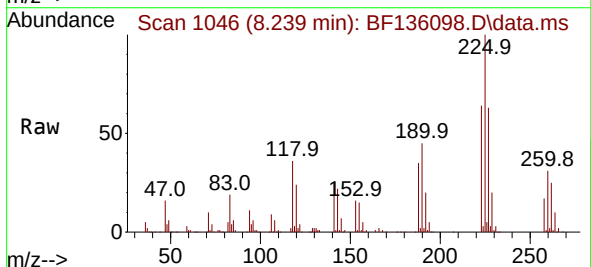
Tgt Ion:225 Resp: 201099

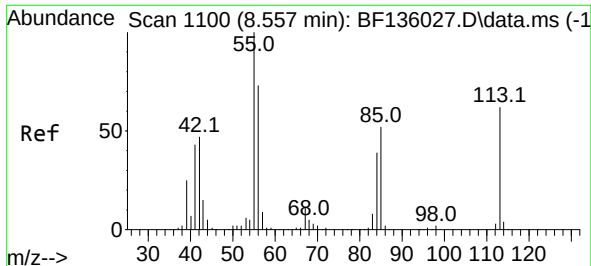
Ion Ratio Lower Upper

225 100

223 63.8 50.3 75.5

227 63.3 50.6 75.8

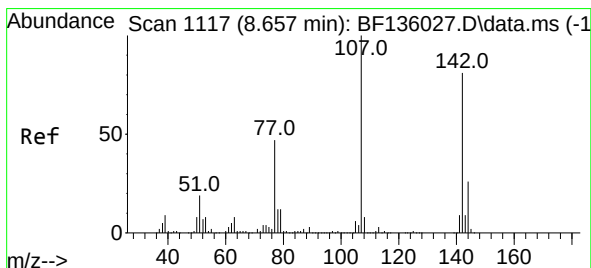
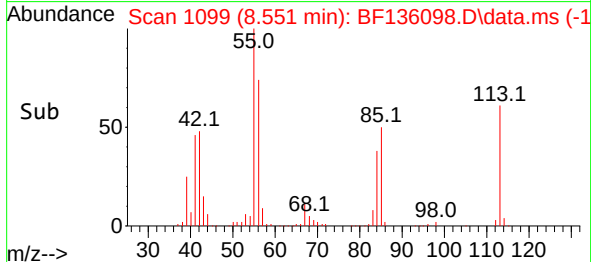
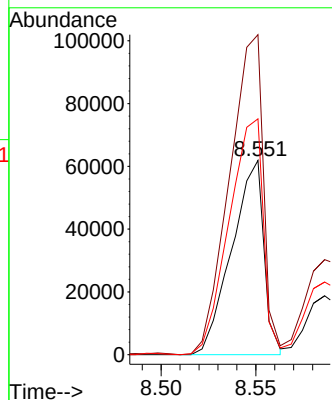
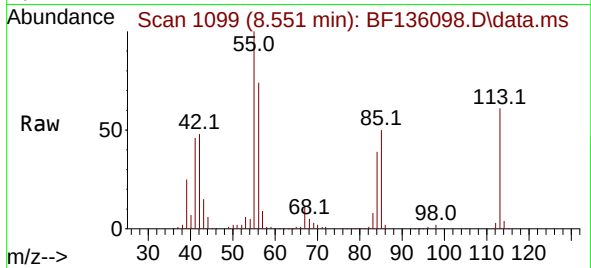




#35
 Caprolactam
 Concen: 33.870 ng
 RT: 8.551 min Scan# 1100
 Delta R.T. -0.006 min
 Lab File: BF136098.D
 Acq: 02 Nov 2023 16:24

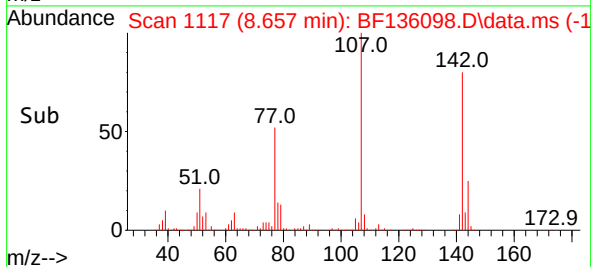
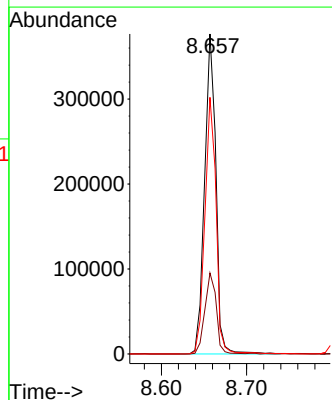
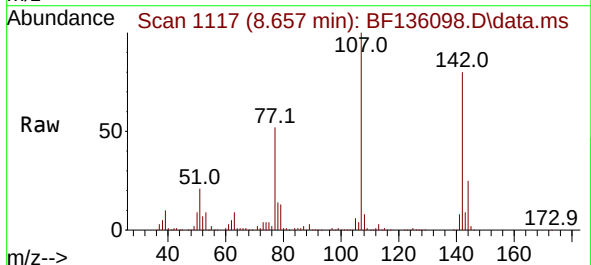
Instrument :
 BNA_F
 ClientSampleId :
 PB156660BS

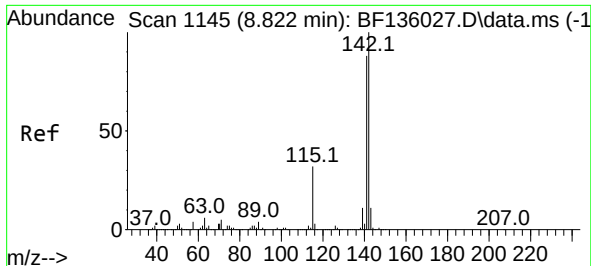
Tgt Ion:113 Resp: 72702
 Ion Ratio Lower Upper
 113 100
 55 164.8 142.2 182.2
 56 121.5 97.7 137.7



#36
 4-Chloro-3-methylphenol
 Concen: 49.855 ng
 RT: 8.657 min Scan# 1117
 Delta R.T. 0.000 min
 Lab File: BF136098.D
 Acq: 02 Nov 2023 16:24

Tgt Ion:107 Resp: 345515
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.6 31.0
 142 80.2 64.6 97.0

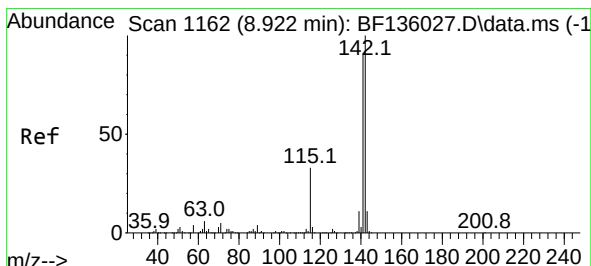
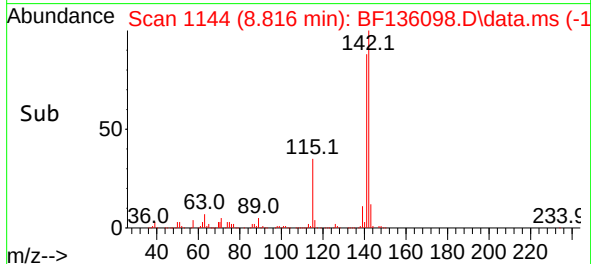
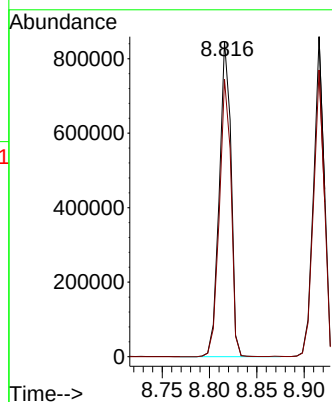
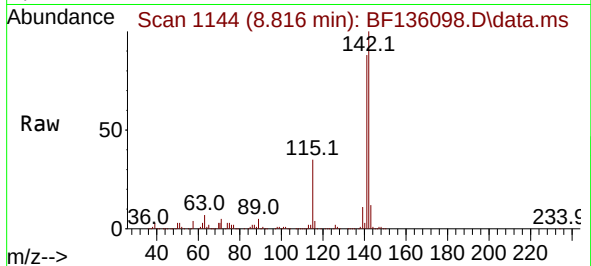




#37
2-Methylnaphthalene
Concen: 46.497 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

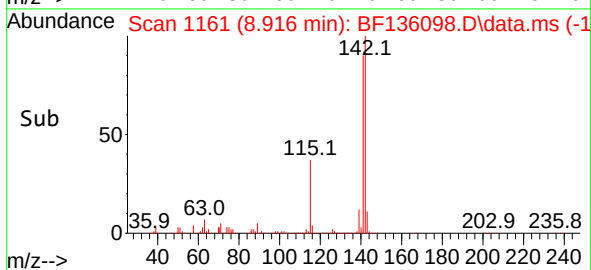
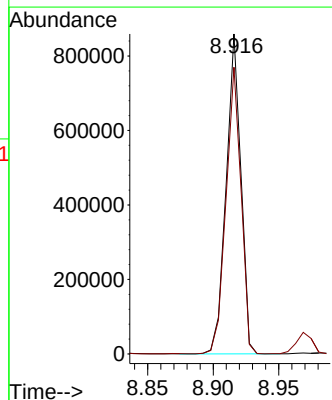
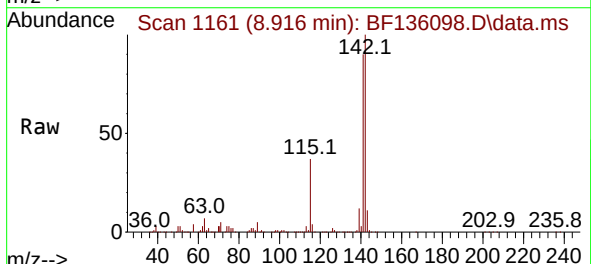
Instrument :
BNA_F
ClientSampleId :
PB156660BS

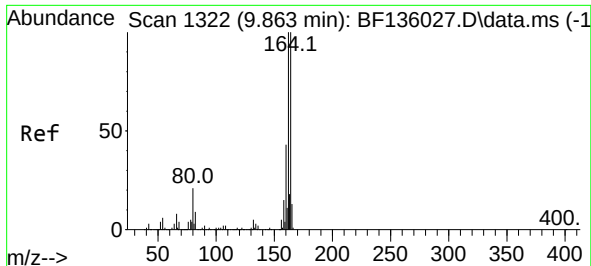
Tgt Ion:142 Resp: 727706
Ion Ratio Lower Upper
142 100
141 87.9 70.4 105.6



#38
1-Methylnaphthalene
Concen: 46.032 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

Tgt Ion:142 Resp: 670447
Ion Ratio Lower Upper
142 100
141 89.6 72.6 109.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA_F

ClientSampleId :

PB156660BS

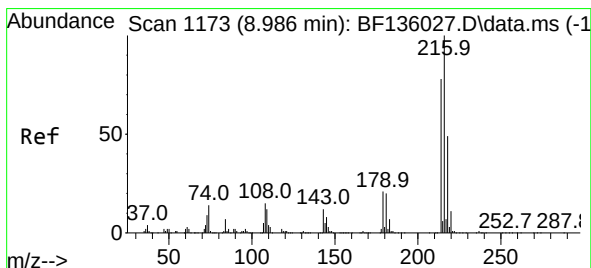
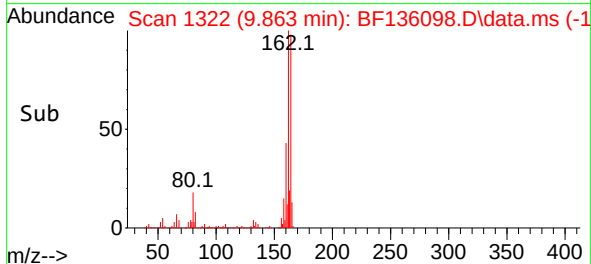
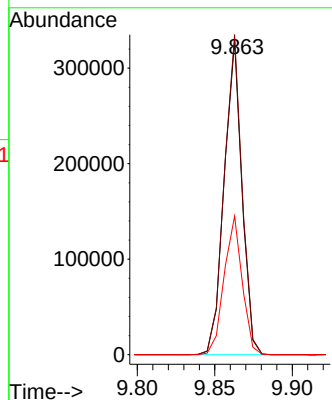
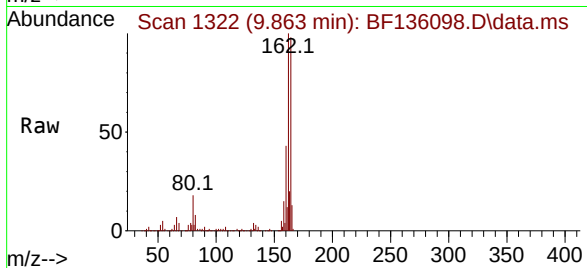
Tgt Ion:164 Resp: 261499

Ion Ratio Lower Upper

164 100

162 101.9 80.1 120.1

160 44.2 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.095 ng

RT: 8.986 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Tgt Ion:216 Resp: 336308

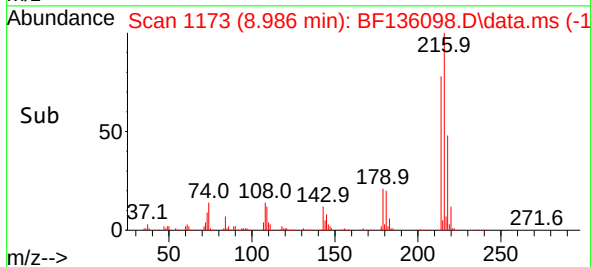
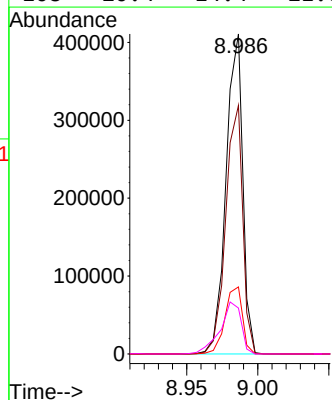
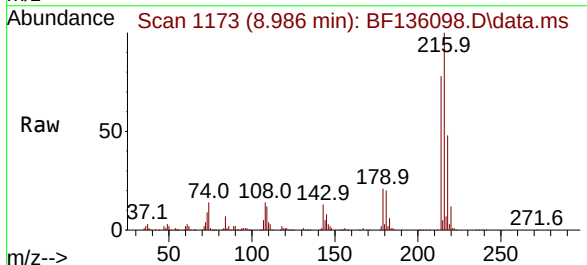
Ion Ratio Lower Upper

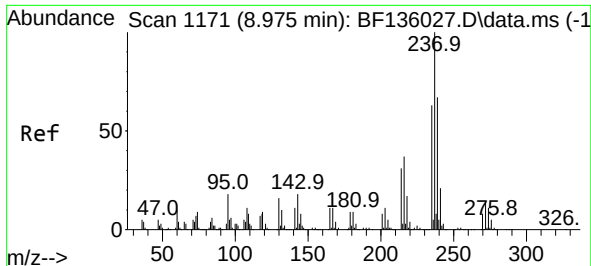
216 100

214 78.9 63.8 95.6

179 21.9 17.5 26.3

108 20.4 14.4 21.6

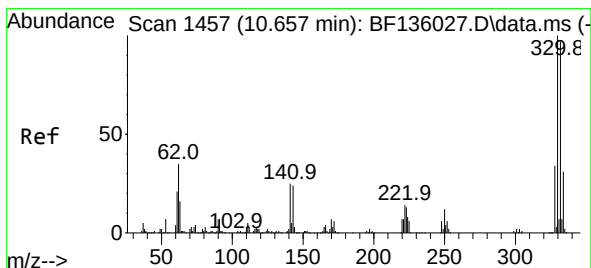
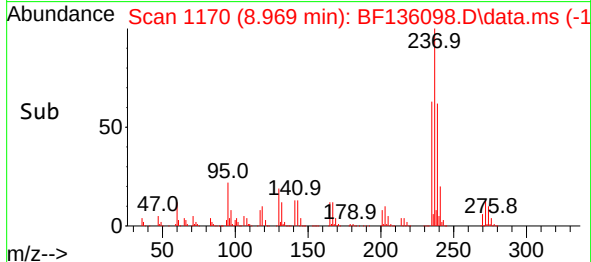
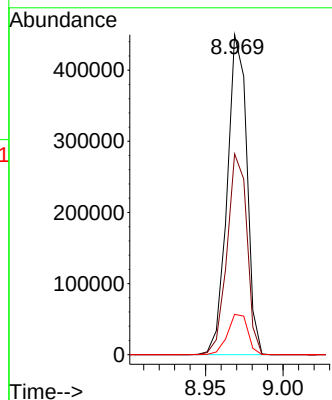
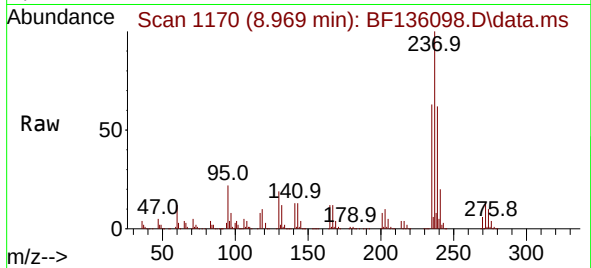




#41
Hexachlorocyclopentadiene
Concen: 99.710 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

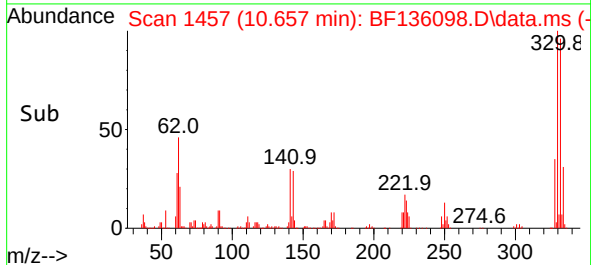
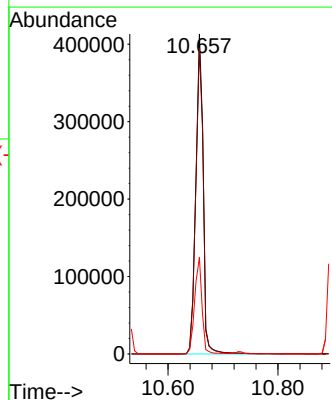
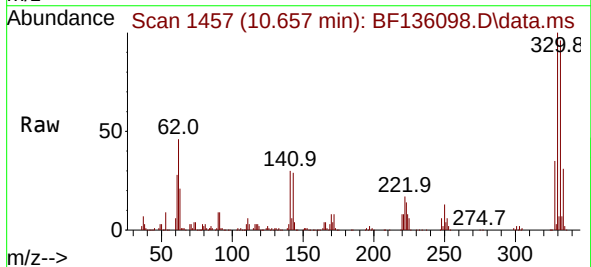
Instrument :
BNA_F
ClientSampleId :
PB156660BS

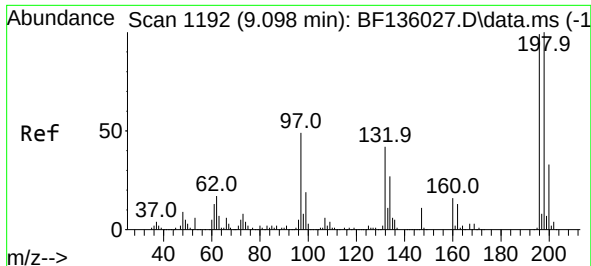
Tgt Ion:237 Resp: 397270
Ion Ratio Lower Upper
237 100
235 62.7 43.3 83.3
272 12.6 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 137.260 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

Tgt Ion:330 Resp: 383117
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 30.0 23.2 34.8





#43

2,4,6-Trichlorophenol

Concen: 47.273 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA_F

ClientSampleId :

PB156660BS

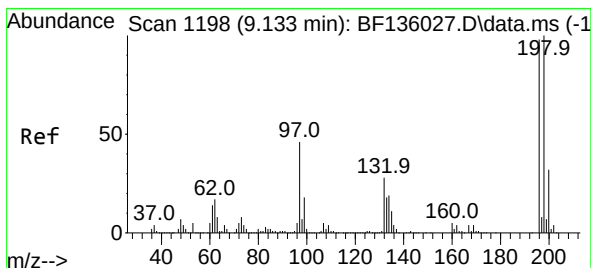
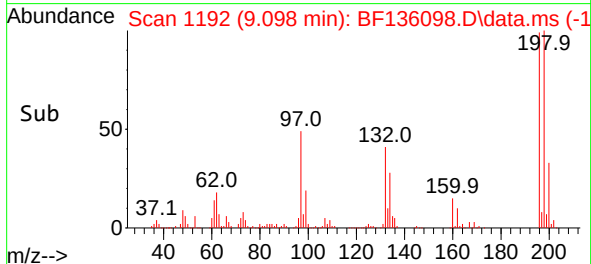
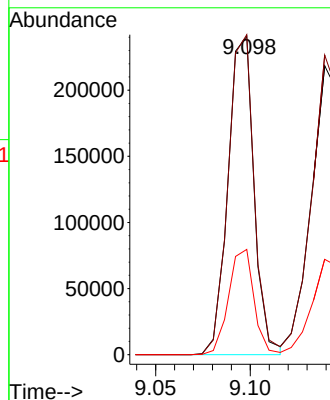
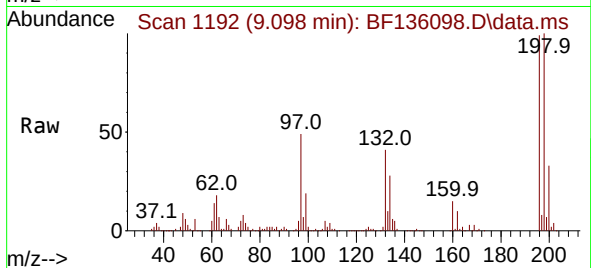
Tgt Ion:196 Resp: 229869

Ion Ratio Lower Upper

196 100

198 100.5 80.7 121.1

200 33.1 26.8 40.2



#44

2,4,5-Trichlorophenol

Concen: 45.977 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Tgt Ion:196 Resp: 258974

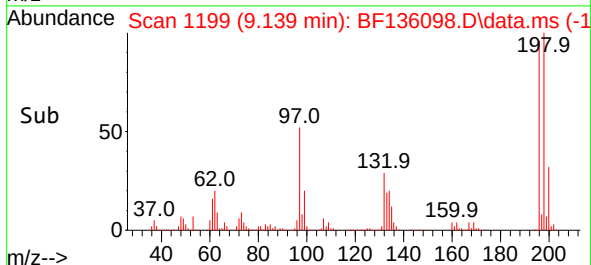
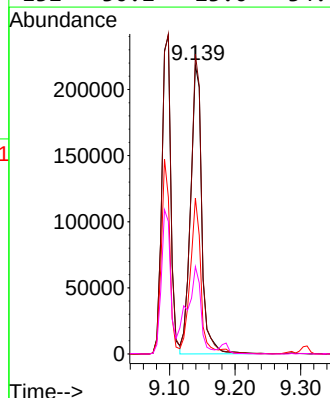
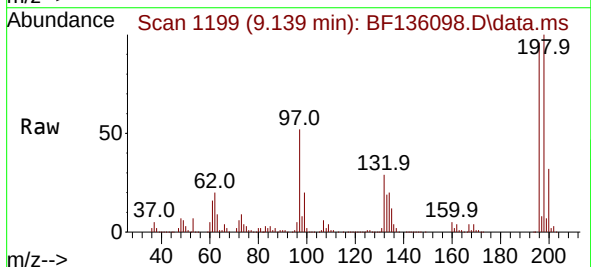
Ion Ratio Lower Upper

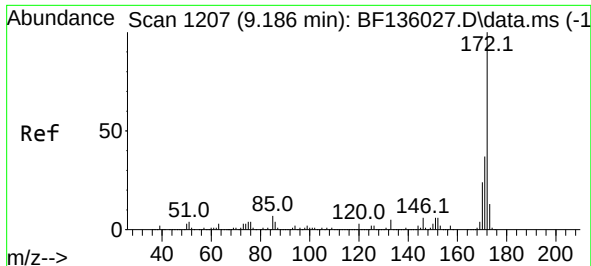
196 100

198 103.7 81.6 122.4

97 53.9 38.2 57.2

132 30.2 23.0 34.4

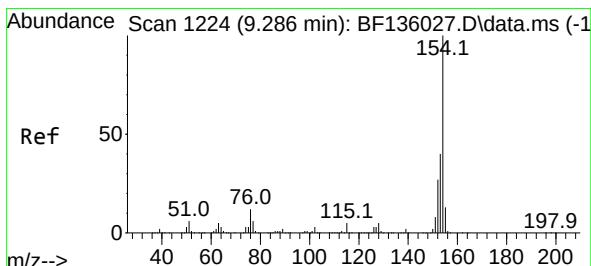
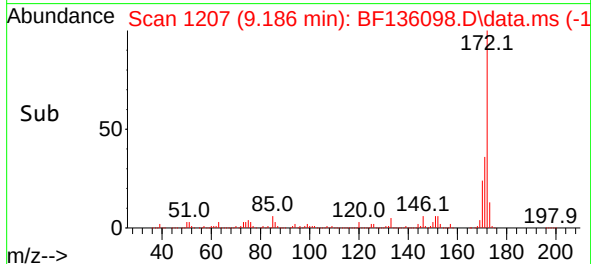
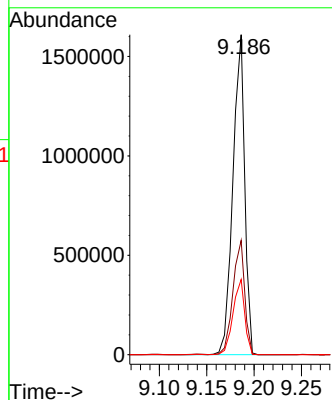
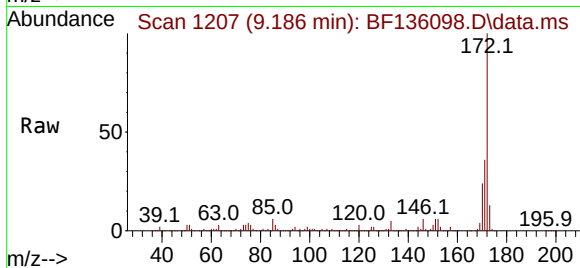




#45
2-Fluorobiphenyl
Concen: 85.144 ng
RT: 9.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

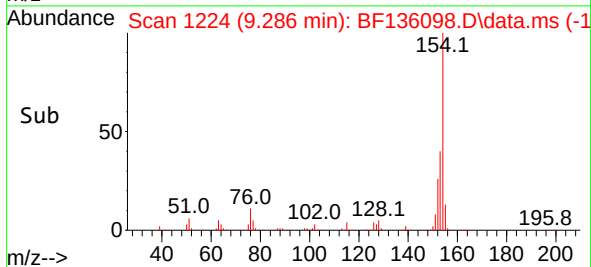
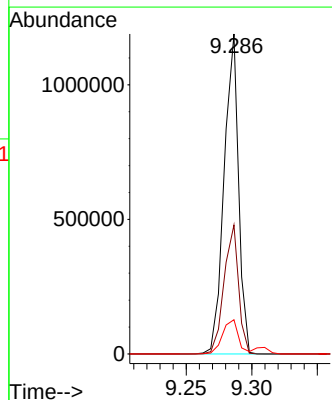
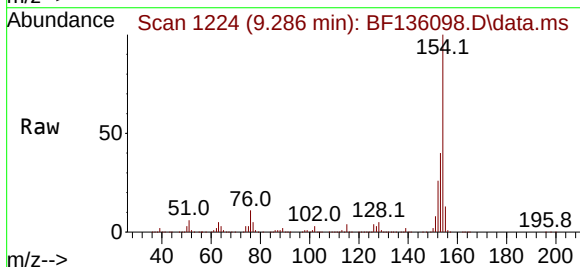
Instrument :
BNA_F
ClientSampleId :
PB156660BS

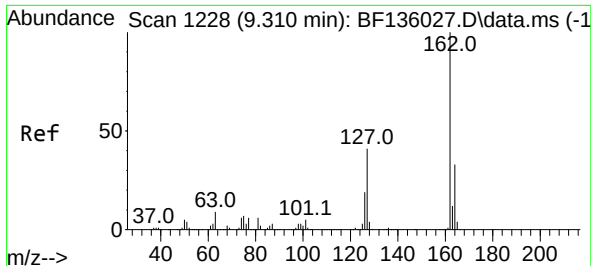
Tgt Ion:172 Resp: 1396722
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 23.5 19.3 28.9



#46
1,1'-Biphenyl
Concen: 45.441 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

Tgt Ion:154 Resp: 905846
Ion Ratio Lower Upper
154 100
153 40.3 20.1 60.1
76 10.7 0.0 32.5

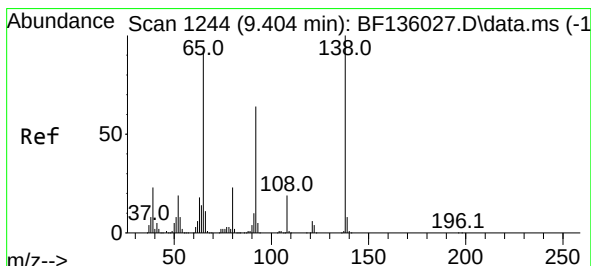
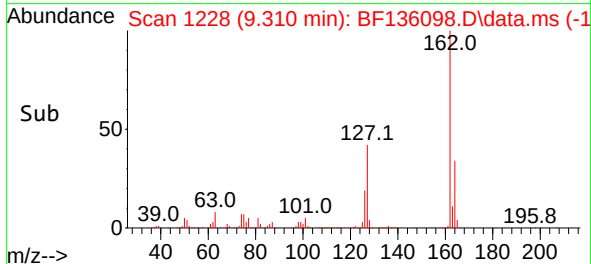
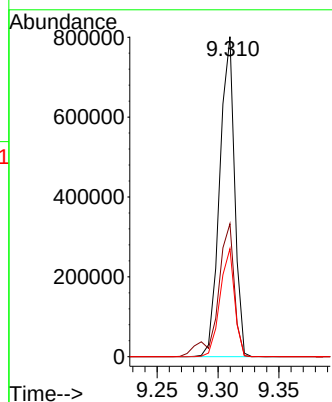
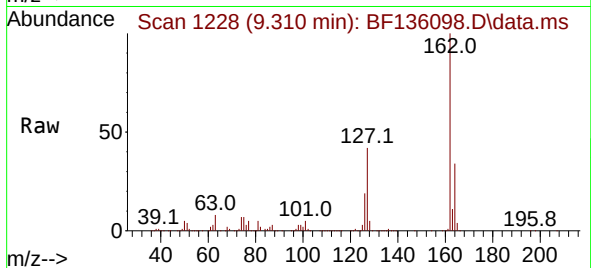




#47
2-Chloronaphthalene
Concen: 46.529 ng
RT: 9.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

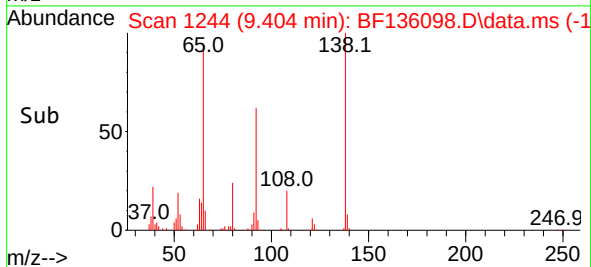
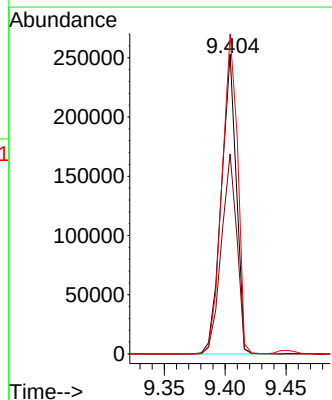
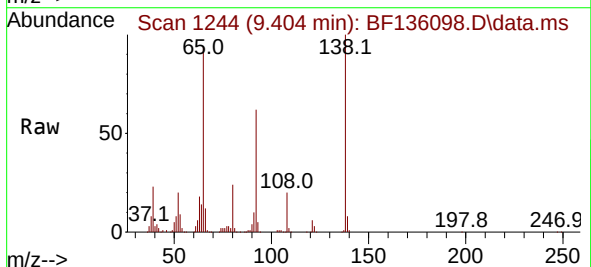
Instrument :
BNA_F
ClientSampleId :
PB156660BS

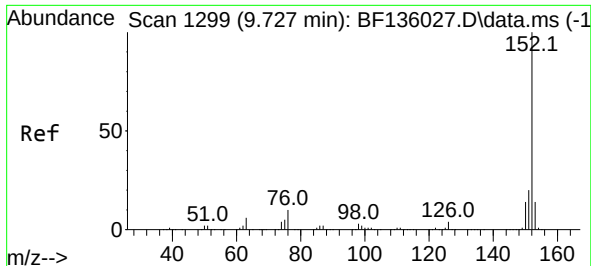
Tgt Ion:162 Resp: 683772
Ion Ratio Lower Upper
162 100
127 41.6 32.4 48.6
164 33.7 26.7 40.1



#48
2-Nitroaniline
Concen: 50.123 ng
RT: 9.404 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

Tgt Ion: 65 Resp: 217992
Ion Ratio Lower Upper
65 100
92 66.6 55.7 83.5
138 106.6 86.8 130.2

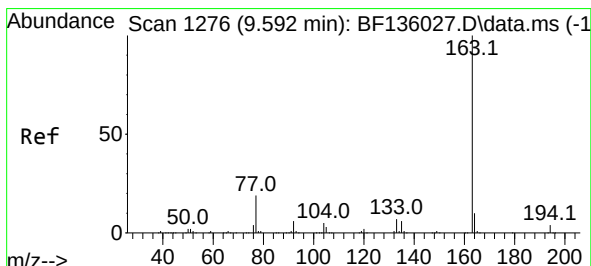
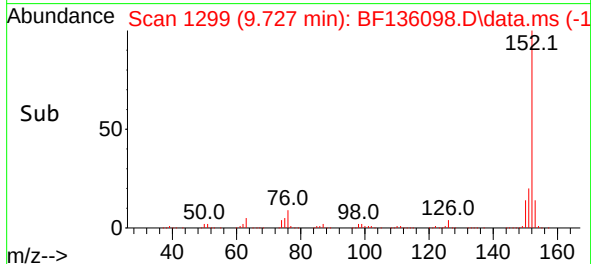
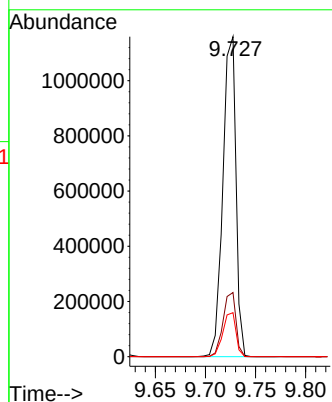
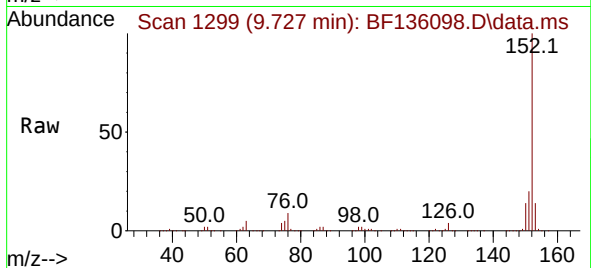




#49
Acenaphthylene
Concen: 45.812 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

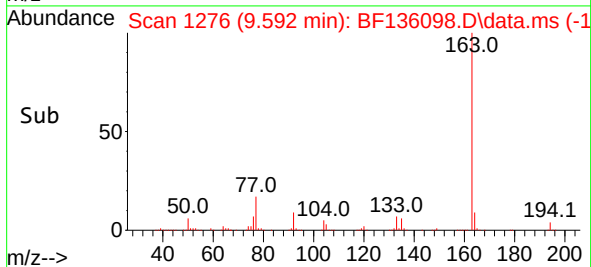
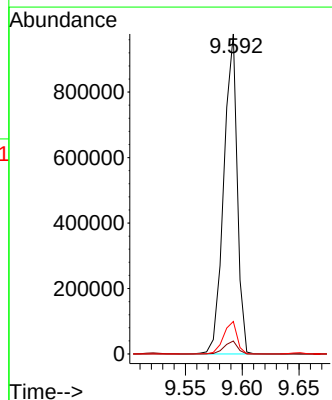
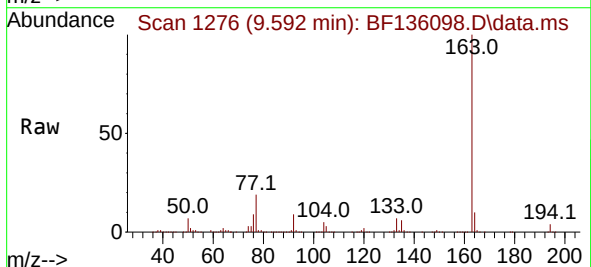
Instrument :
BNA_F
ClientSampleId :
PB156660BS

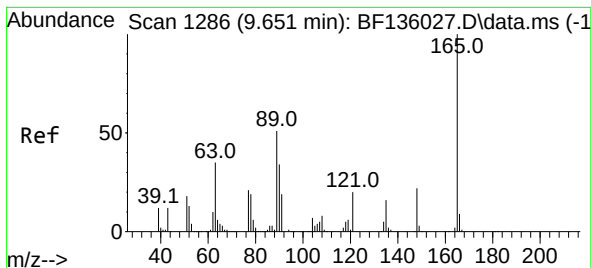
Tgt Ion:152 Resp: 1050278
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.8 11.4 17.2



#50
Dimethylphthalate
Concen: 46.822 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

Tgt Ion:163 Resp: 807620
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 49.747 ng

RT: 9.651 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA_F

ClientSampleId :

PB156660BS

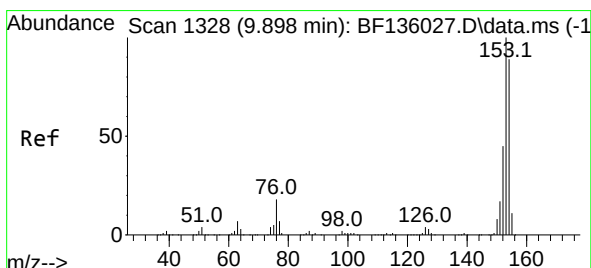
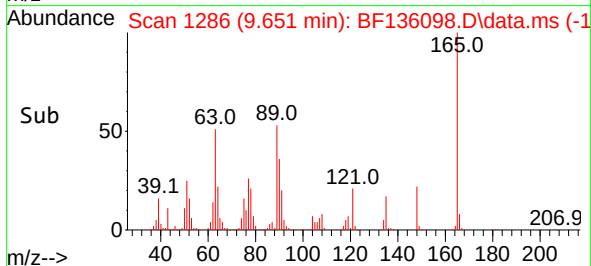
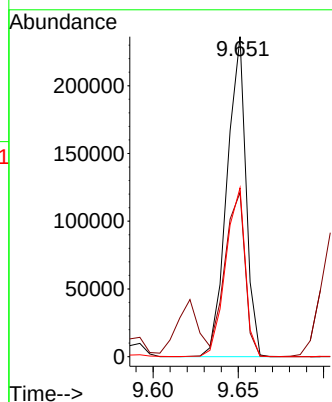
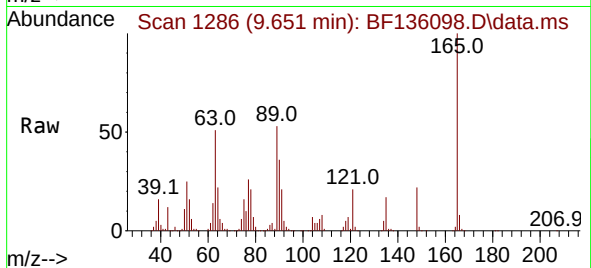
Tgt Ion:165 Resp: 183525

Ion Ratio Lower Upper

165 100

63 51.3 40.8 61.2

89 52.8 41.1 61.7



#52

Acenaphthene

Concen: 46.343 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

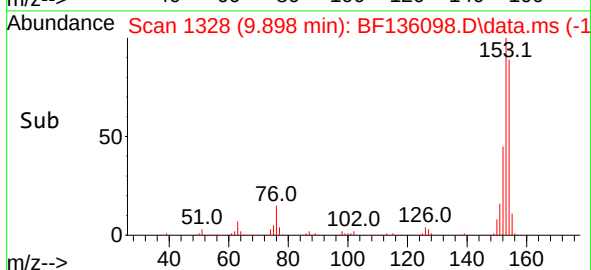
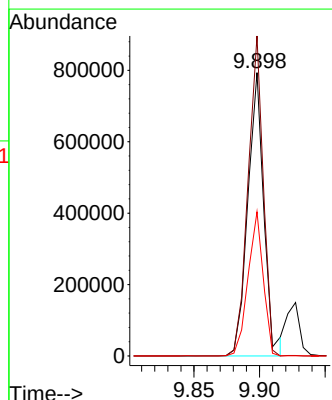
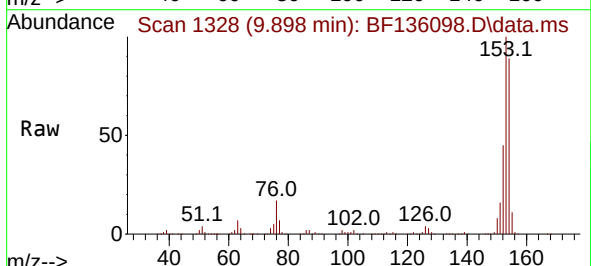
Tgt Ion:154 Resp: 675404

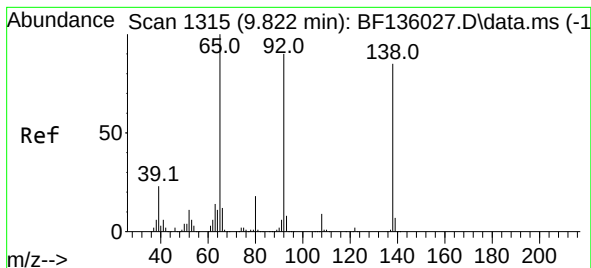
Ion Ratio Lower Upper

154 100

153 112.9 89.9 134.9

152 50.9 40.2 60.2





#53

3-Nitroaniline

Concen: 40.270 ng

RT: 9.816 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA_F

ClientSampleId :

PB156660BS

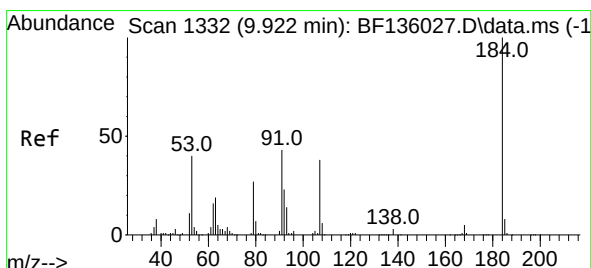
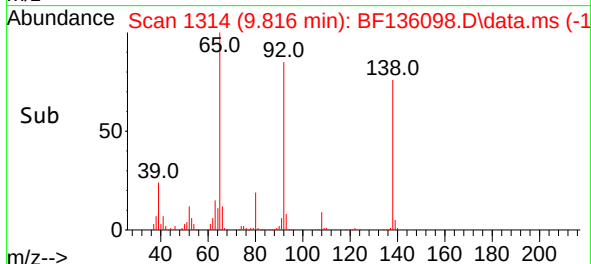
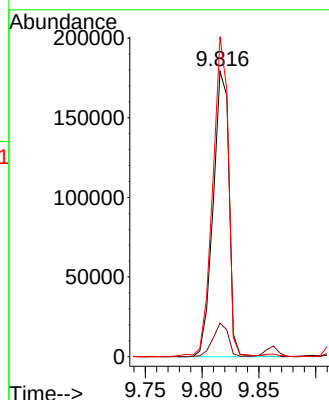
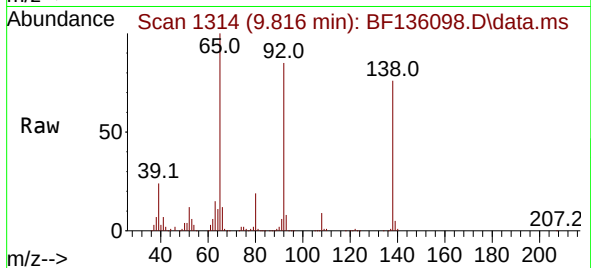
Tgt Ion:138 Resp: 173345

Ion Ratio Lower Upper

138 100

108 11.8 8.8 13.2

92 112.1 84.6 126.8



#54

2,4-Dinitrophenol

Concen: 93.842 ng

RT: 9.927 min Scan# 1333

Delta R.T. 0.005 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

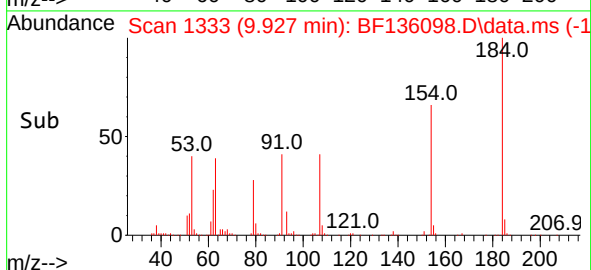
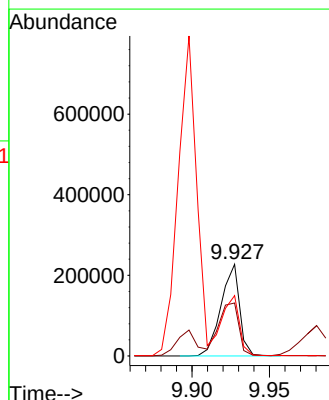
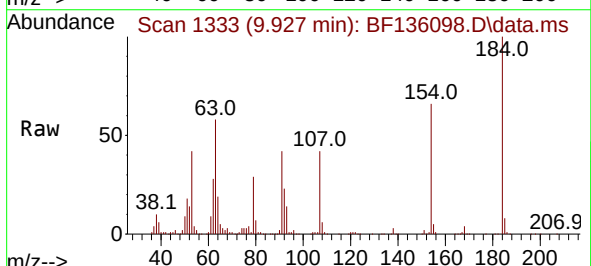
Tgt Ion:184 Resp: 190697

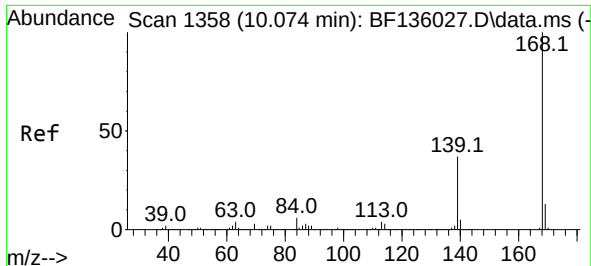
Ion Ratio Lower Upper

184 100

63 57.7 43.7 65.5

154 65.8 51.2 76.8

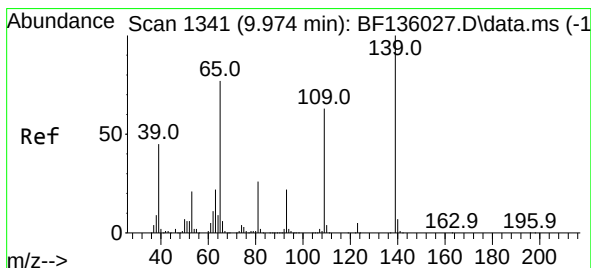
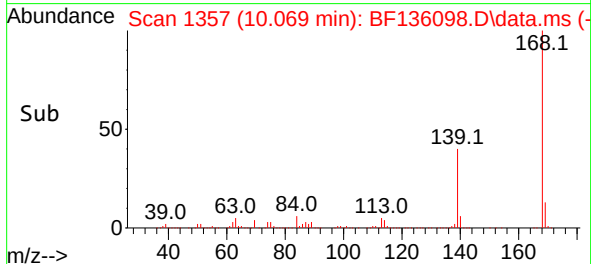
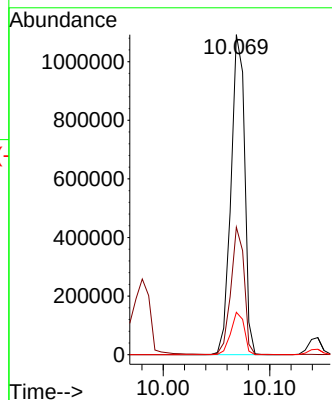
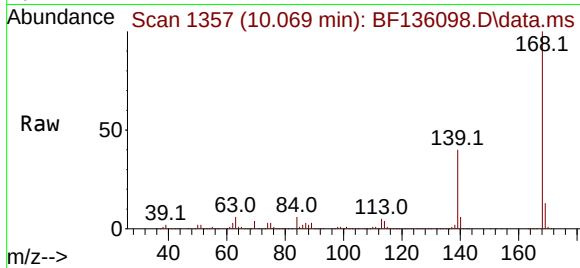




#55
Dibenzenofuran
Concen: 45.781 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

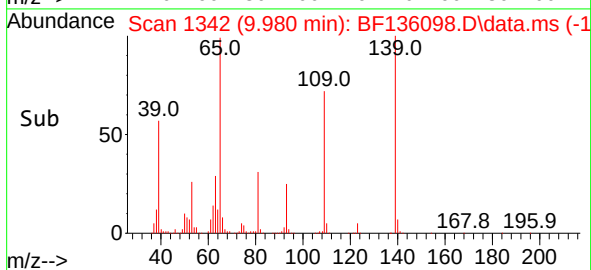
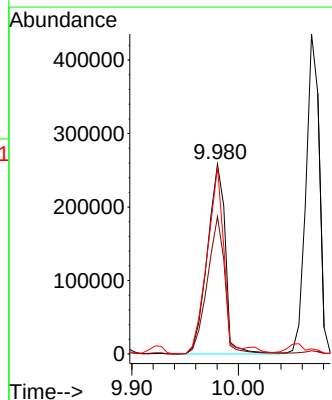
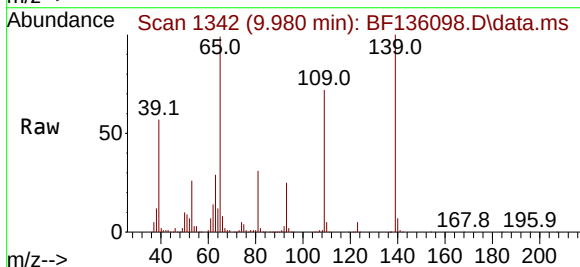
Instrument :
BNA_F
ClientSampleId :
PB156660BS

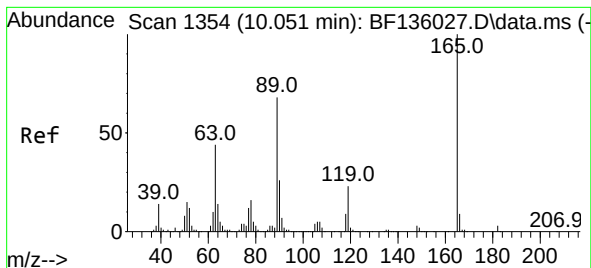
Tgt Ion:168 Resp: 972906
Ion Ratio Lower Upper
168 100
139 39.9 29.4 44.0
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 93.825 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

Tgt Ion:139 Resp: 302108
Ion Ratio Lower Upper
139 100
109 72.3 43.2 83.2
65 98.5 57.6 97.6#

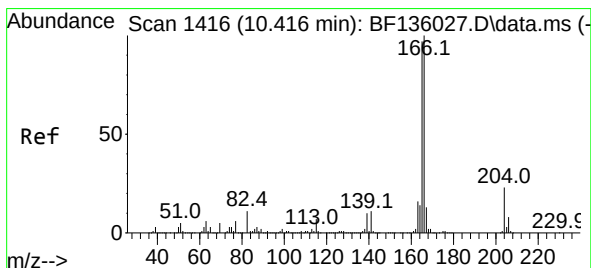
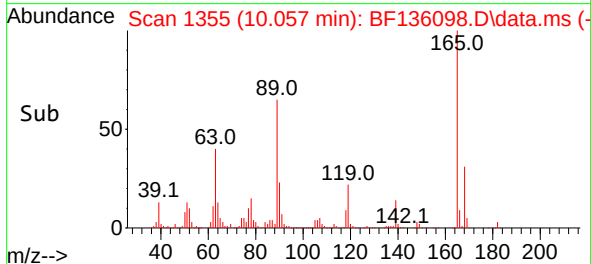
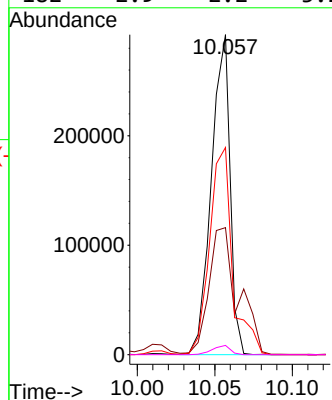
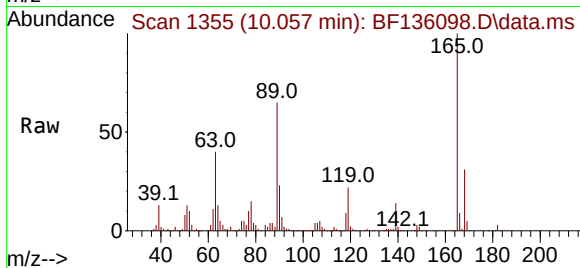




#57
2,4-Dinitrotoluene
Concen: 52.450 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

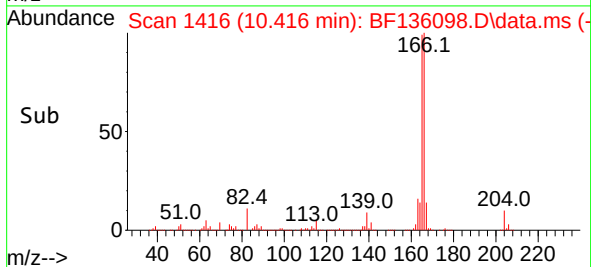
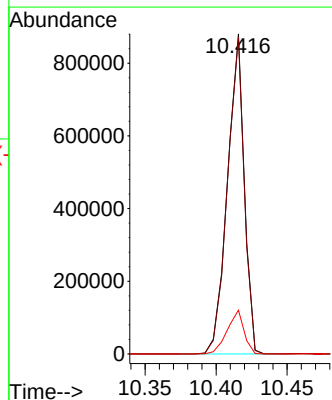
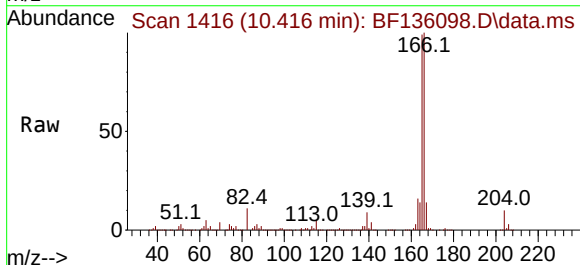
Instrument :
BNA_F
ClientSampleId :
PB156660BS

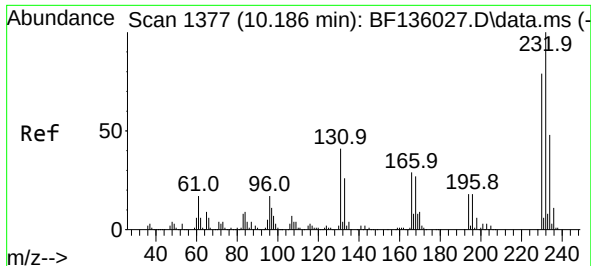
Tgt Ion:165 Resp: 244819
Ion Ratio Lower Upper
165 100
63 39.7 35.2 52.8
89 64.8 54.8 82.2
182 2.9 2.2 3.2



#58
Fluorene
Concen: 45.600 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

Tgt Ion:166 Resp: 725544
Ion Ratio Lower Upper
166 100
165 98.9 77.7 116.5
167 13.7 10.6 16.0

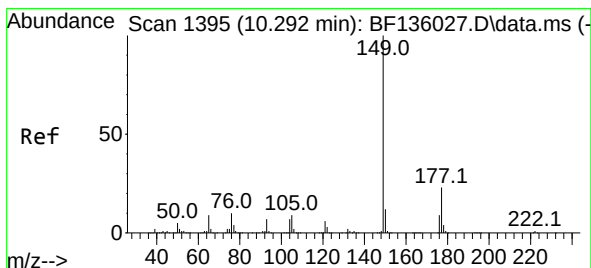
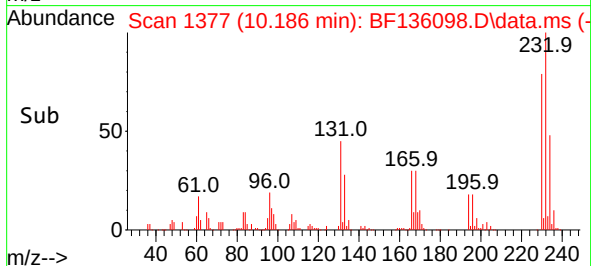
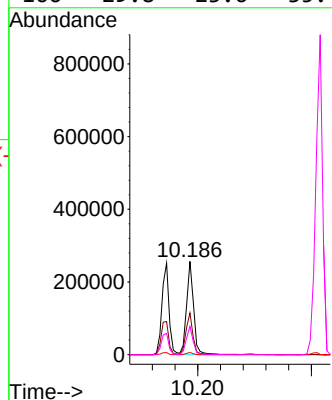
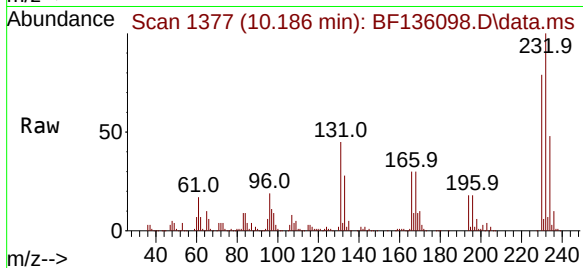




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.779 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

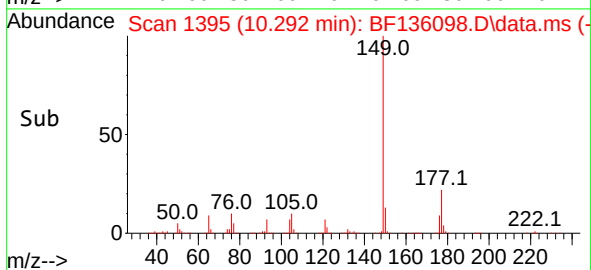
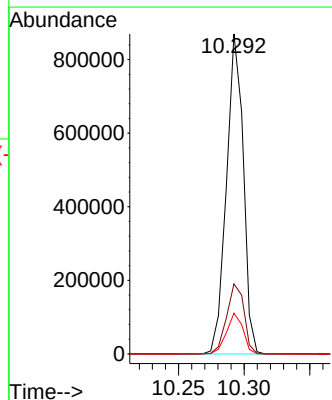
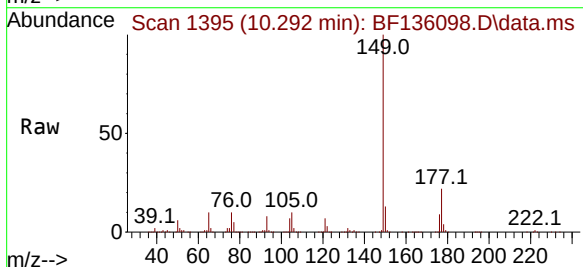
Instrument :
BNA_F
ClientSampleId :
PB156660BS

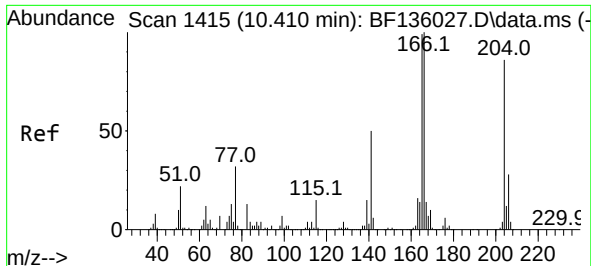
Tgt Ion:232 Resp: 218440
Ion Ratio Lower Upper
232 100
131 44.4 34.6 52.0
130 2.3 1.6 2.4
166 29.8 23.6 35.4



#60
Diethylphthalate
Concen: 47.034 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

Tgt Ion:149 Resp: 775159
Ion Ratio Lower Upper
149 100
177 21.9 18.2 27.4
150 12.8 9.9 14.9

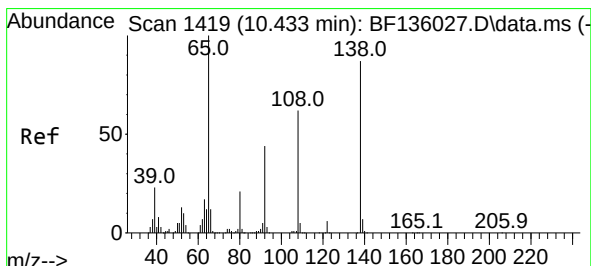
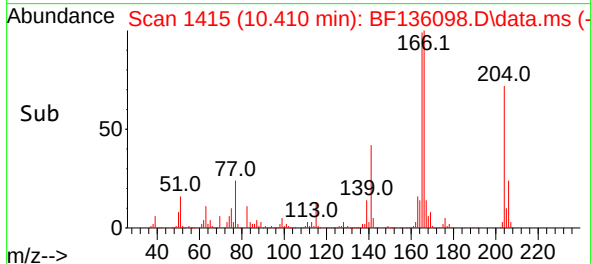
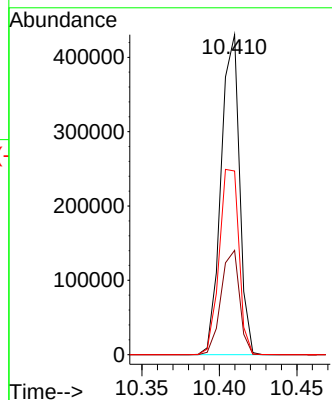
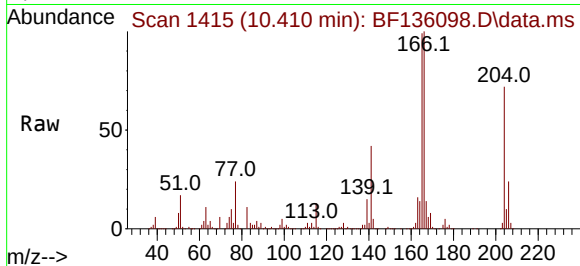




#61
4-Chlorophenyl-phenylether
Concen: 44.972 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

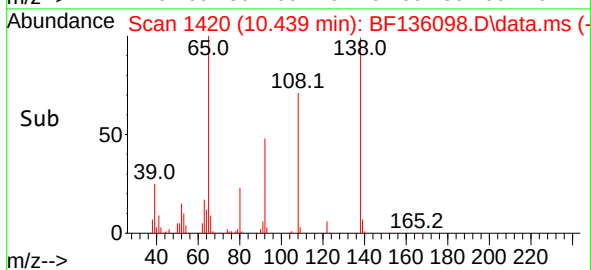
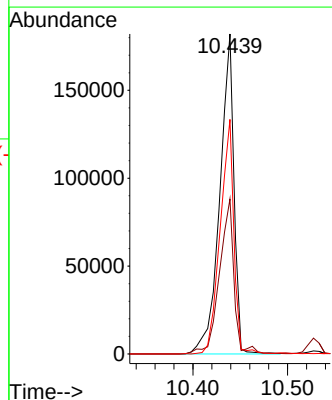
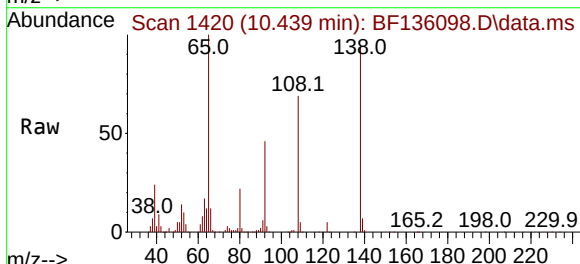
Instrument :
BNA_F
ClientSampleId :
PB156660BS

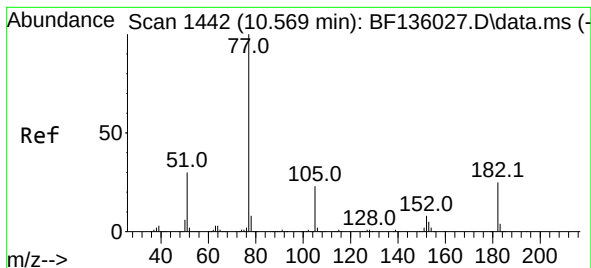
Tgt Ion:204 Resp: 357190
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 57.4 46.8 70.2



#62
4-Nitroaniline
Concen: 45.905 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

Tgt Ion:138 Resp: 190277
Ion Ratio Lower Upper
138 100
92 48.4 30.6 70.6
108 73.3 51.5 91.5





#63

Azobenzene

Concen: 45.705 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA_F

ClientSampleId :

PB156660BS

Tgt Ion: 77 Resp: 725430

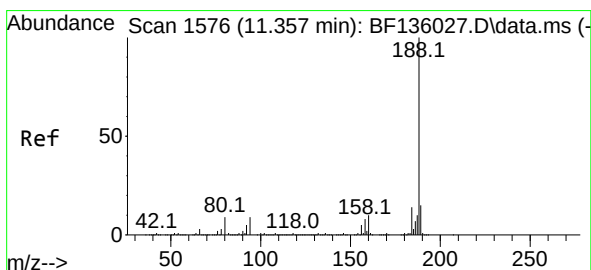
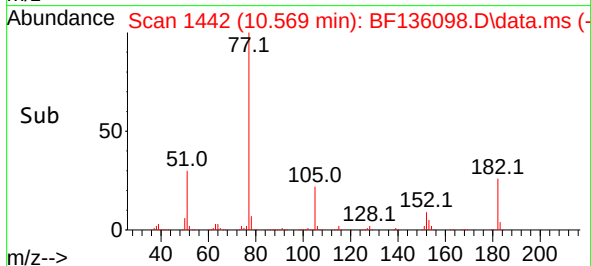
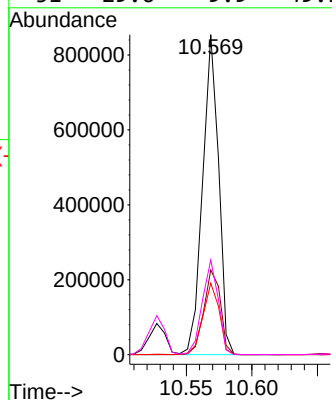
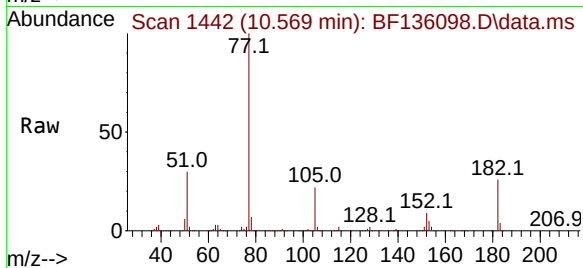
Ion Ratio Lower Upper

77 100

182 26.5 5.0 45.0

105 22.3 2.6 42.6

51 29.6 9.9 49.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

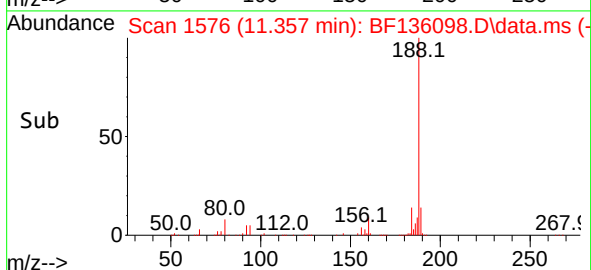
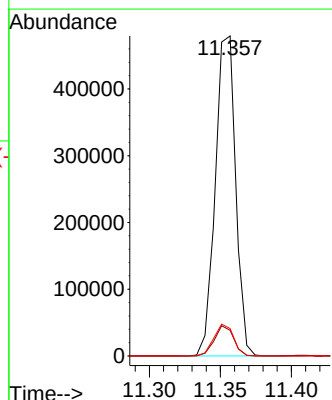
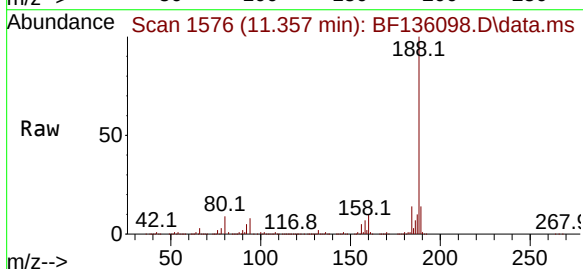
Tgt Ion: 188 Resp: 476901

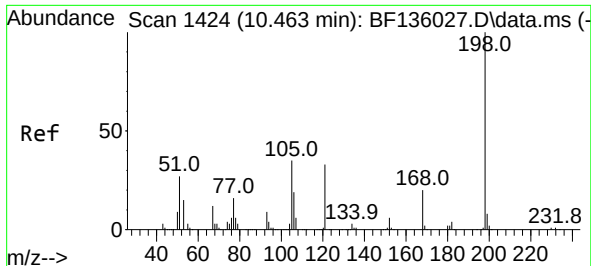
Ion Ratio Lower Upper

188 100

94 8.0 7.2 10.8

80 8.5 7.4 11.0

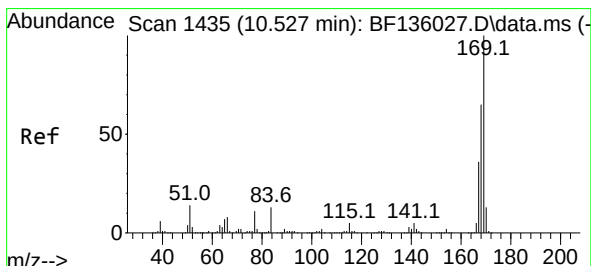
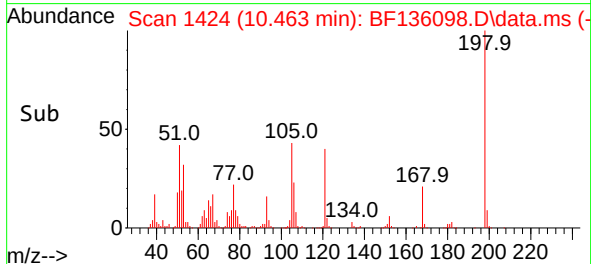
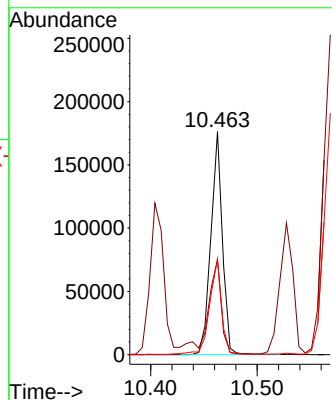
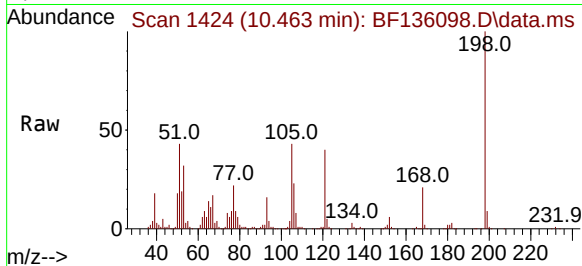




#65
4,6-Dinitro-2-methylphenol
Concen: 50.437 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

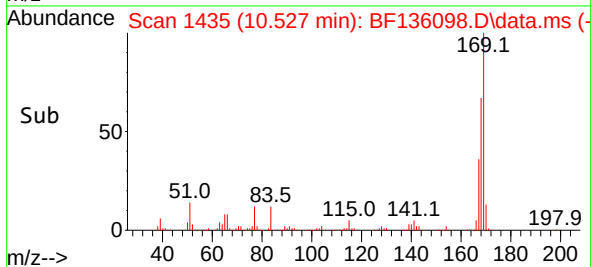
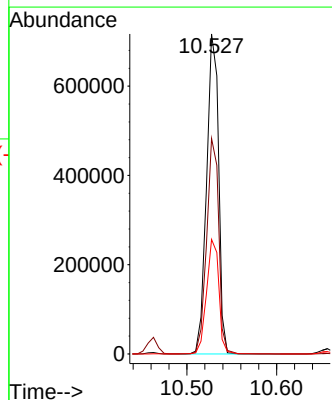
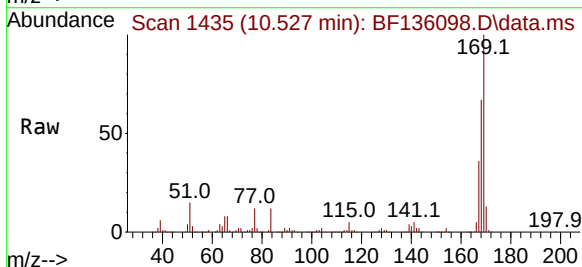
Instrument :
BNA_F
ClientSampleId :
PB156660BS

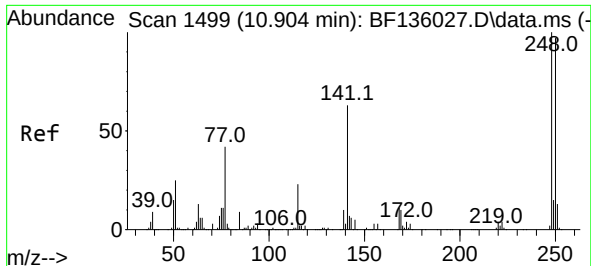
Tgt Ion:198 Resp: 133042
Ion Ratio Lower Upper
198 100
51 42.5 12.9 52.9
105 42.8 16.0 56.0



#66
n-Nitrosodiphenylamine
Concen: 46.228 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

Tgt Ion:169 Resp: 665057
Ion Ratio Lower Upper
169 100
168 67.3 52.2 78.2
167 35.8 28.7 43.1

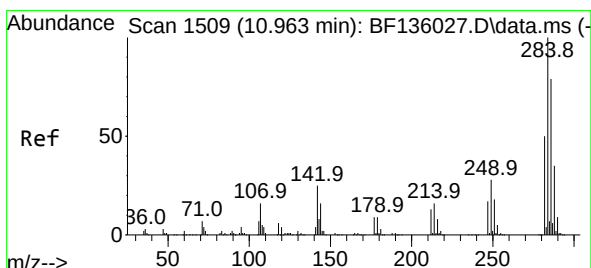
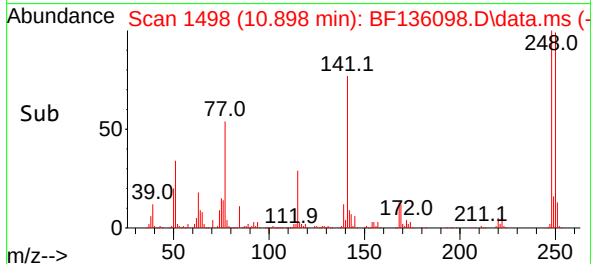
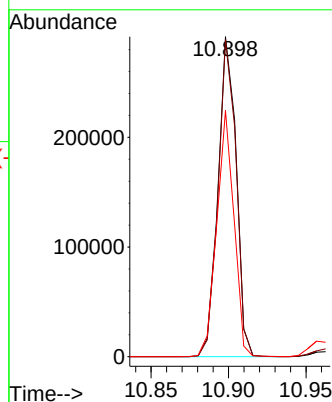
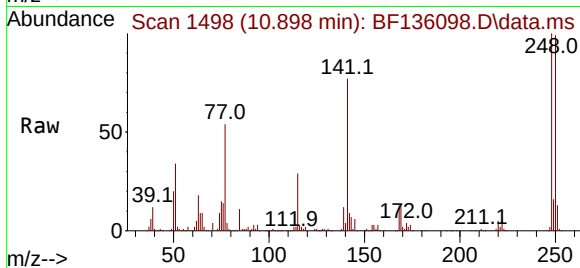




#67
4-Bromophenyl-phenylether
Concen: 47.657 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

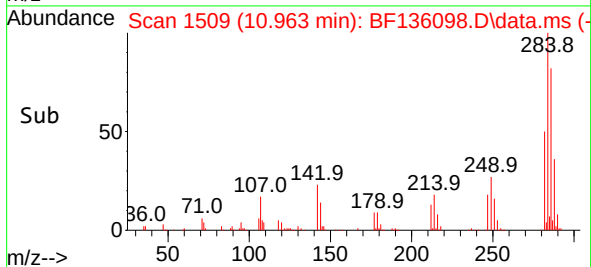
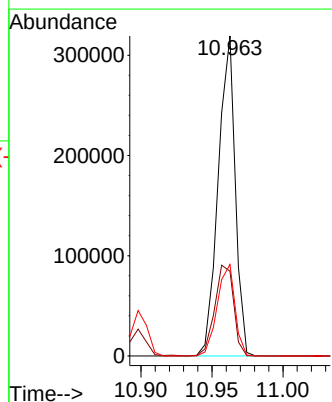
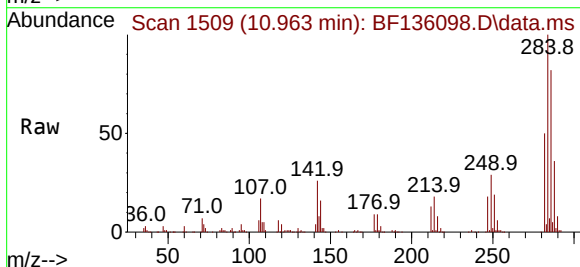
Instrument :
BNA_F
ClientSampleId :
PB156660BS

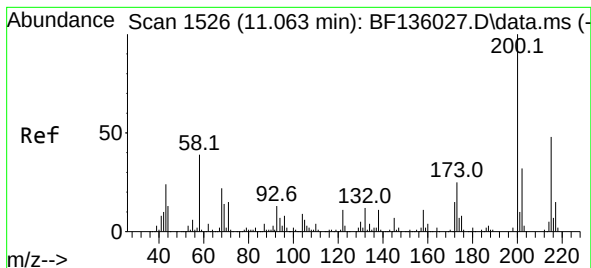
Tgt Ion:248 Resp: 238284
Ion Ratio Lower Upper
248 100
250 99.0 77.6 116.4
141 76.9 50.4 75.6#



#68
Hexachlorobenzene
Concen: 49.793 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

Tgt Ion:284 Resp: 265899
Ion Ratio Lower Upper
284 100
142 26.5 20.2 30.4
249 28.6 22.6 33.8





#69

Atrazine

Concen: 38.226 ng

RT: 11.057 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA_F

ClientSampleId :

PB156660BS

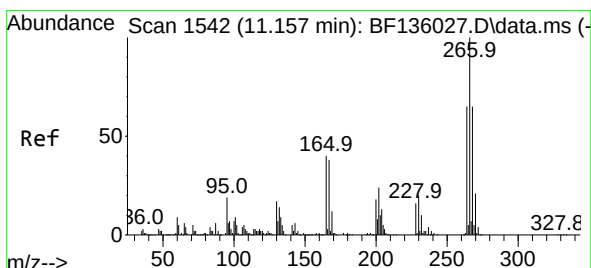
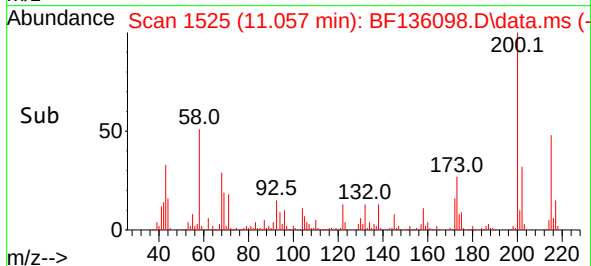
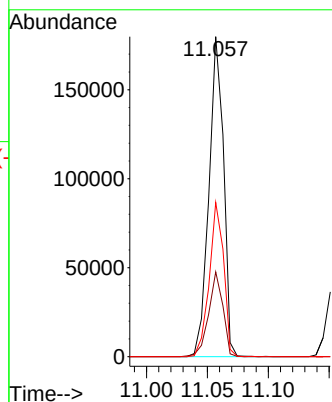
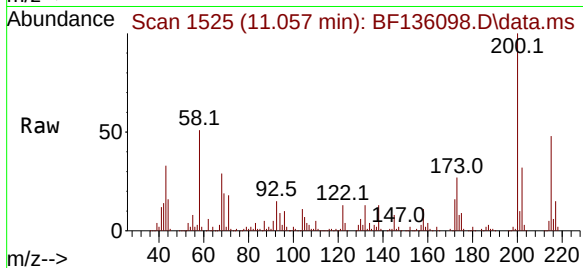
Tgt Ion:200 Resp: 149627

Ion Ratio Lower Upper

200 100

173 26.5 5.2 45.2

215 48.2 28.4 68.4



#70

Pentachlorophenol

Concen: 87.656 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

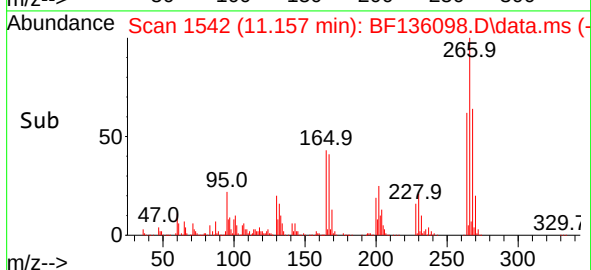
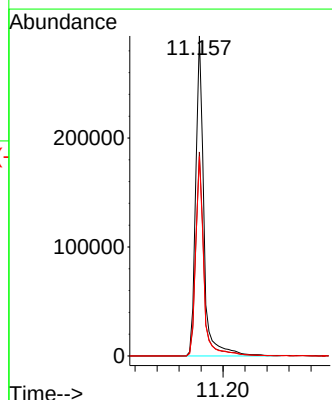
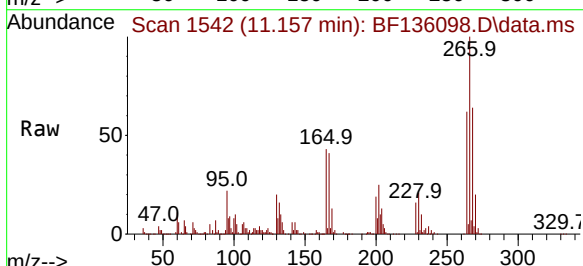
Tgt Ion:266 Resp: 300616

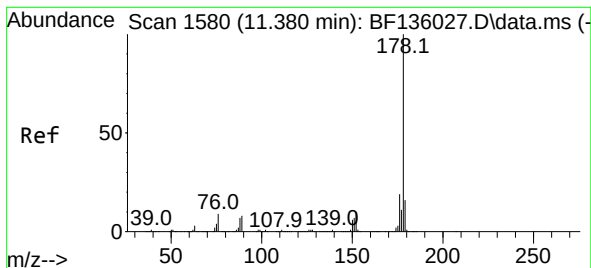
Ion Ratio Lower Upper

266 100

268 63.8 52.2 78.4

264 62.3 52.2 78.4





#71

Phenanthrene

Concen: 46.524 ng

RT: 11.380 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA_F

ClientSampleId :

PB156660BS

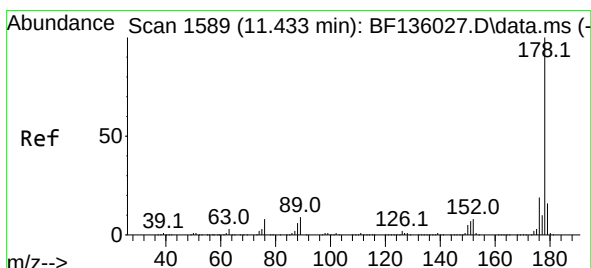
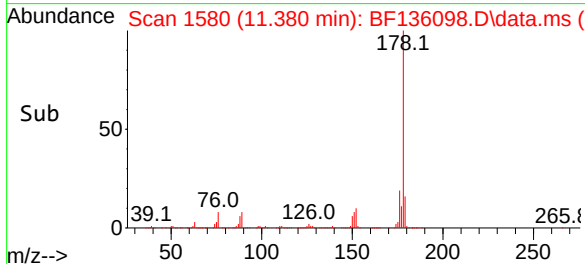
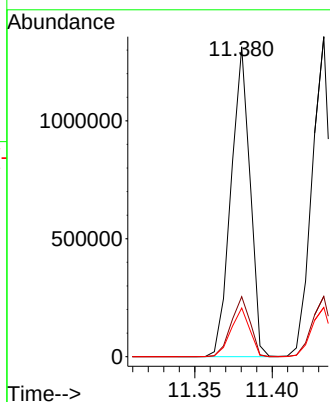
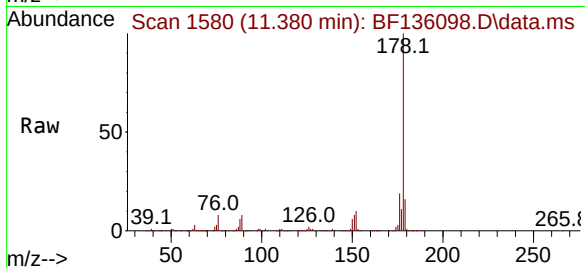
Tgt Ion:178 Resp: 1117136

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.7 12.9 19.3



#72

Anthracene

Concen: 45.805 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

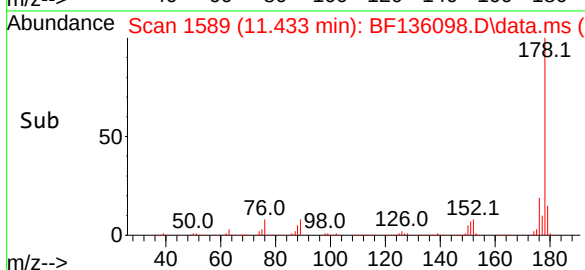
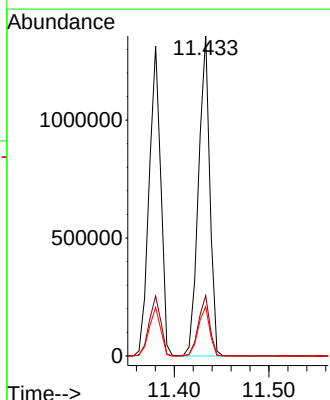
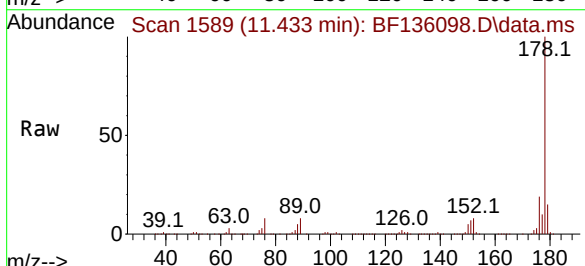
Tgt Ion:178 Resp: 1127026

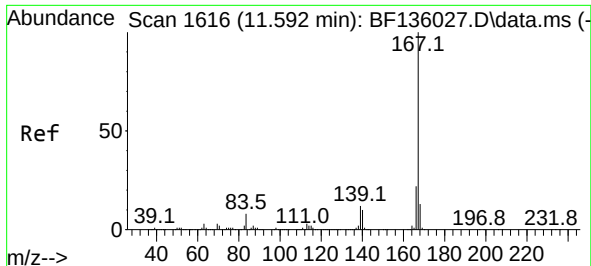
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.4 12.6 18.8

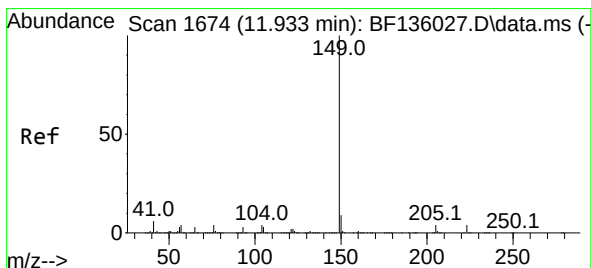
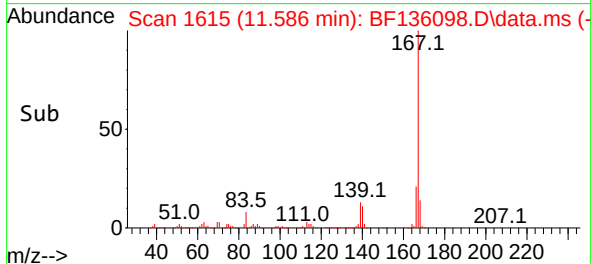
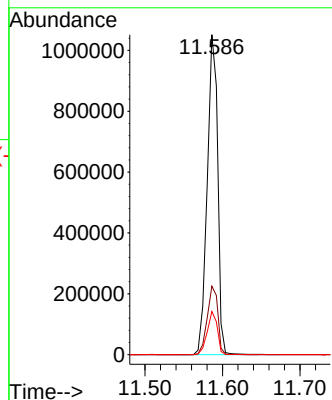
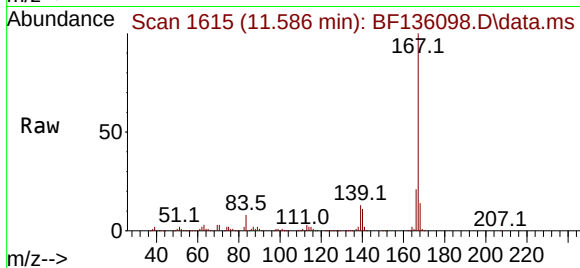




#73
 Carbazole
 Concen: 46.190 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. -0.006 min
 Lab File: BF136098.D
 Acq: 02 Nov 2023 16:24

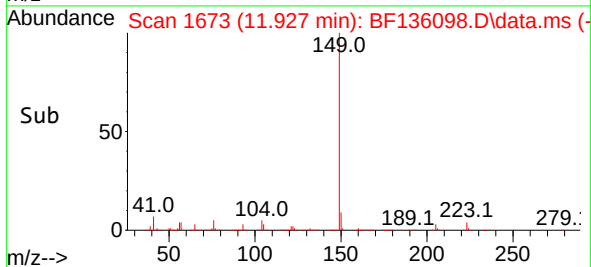
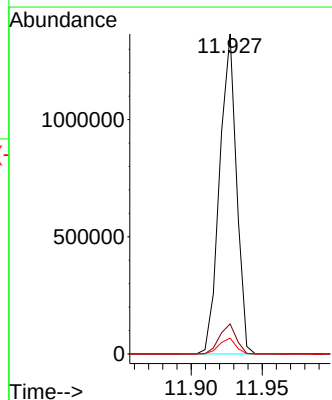
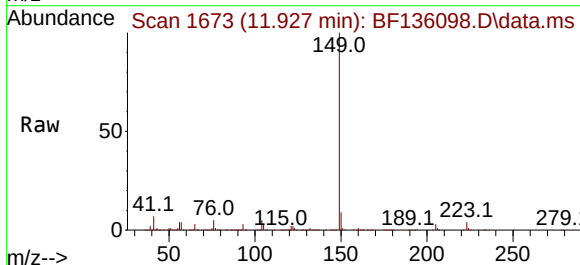
Instrument :
 BNA_F
 ClientSampleId :
 PB156660BS

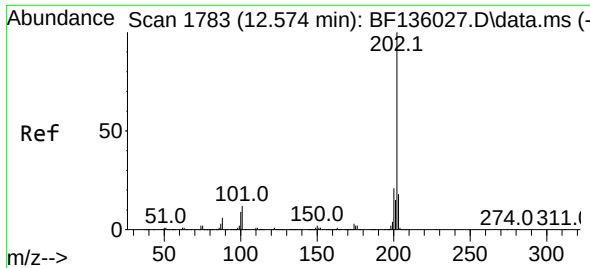
Tgt Ion:167 Resp: 987607
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.5 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 46.126 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.006 min
 Lab File: BF136098.D
 Acq: 02 Nov 2023 16:24

Tgt Ion:149 Resp: 1126942
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.0 3.6 5.4

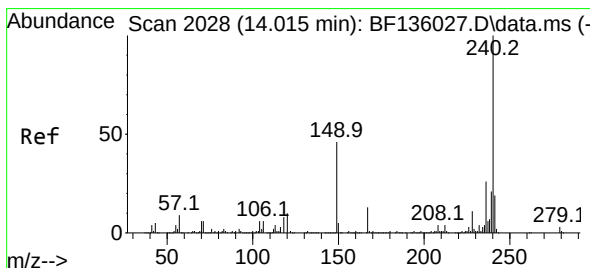
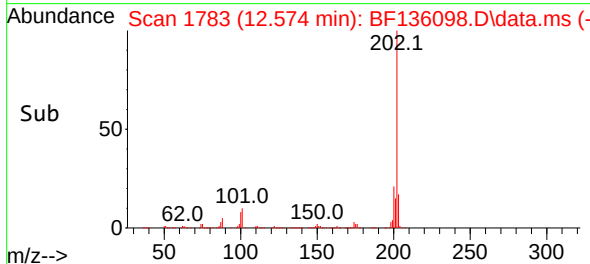
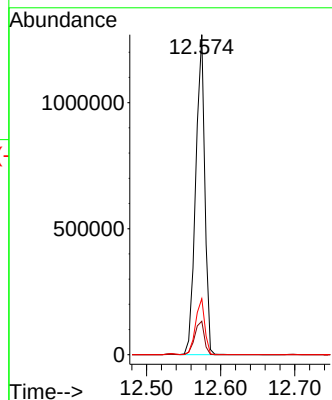
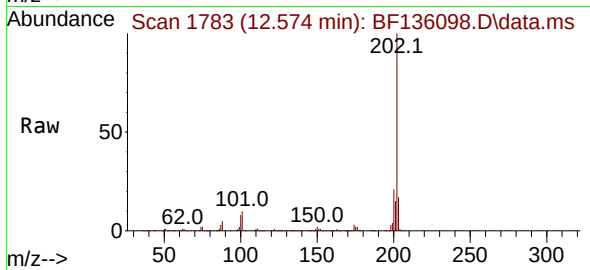




#75
Fluoranthene
Concen: 43.689 ng
RT: 12.574 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

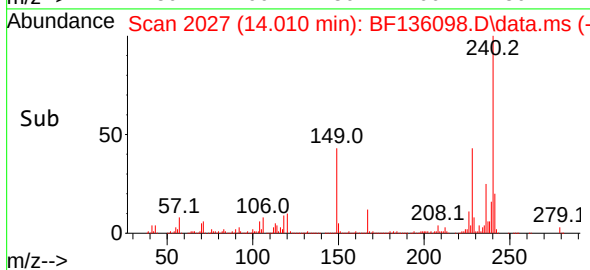
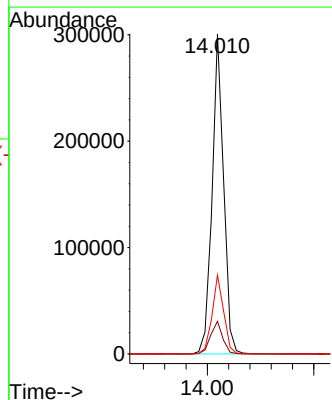
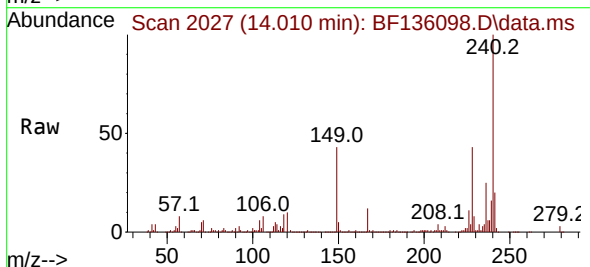
Instrument :
BNA_F
ClientSampleId :
PB156660BS

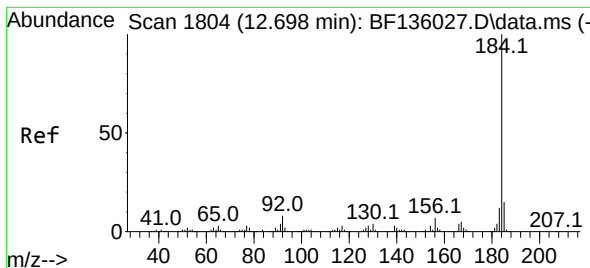
Tgt Ion:202 Resp: 1077724
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.8
203 17.5 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

Tgt Ion:240 Resp: 225640
Ion Ratio Lower Upper
240 100
120 10.2 7.6 11.4
236 24.7 20.6 31.0





#77

Benzidine

Concen: 58.920 ng

RT: 12.698 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA_F

ClientSampleId :

PB156660BS

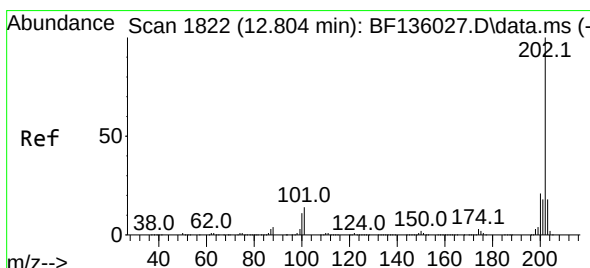
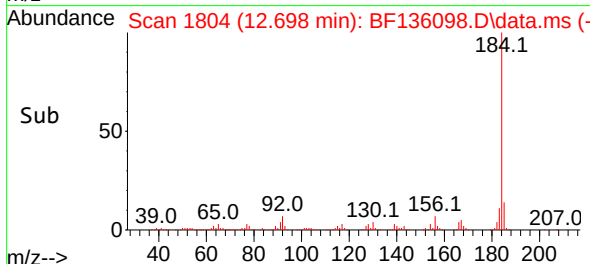
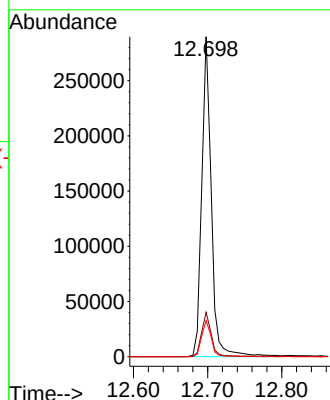
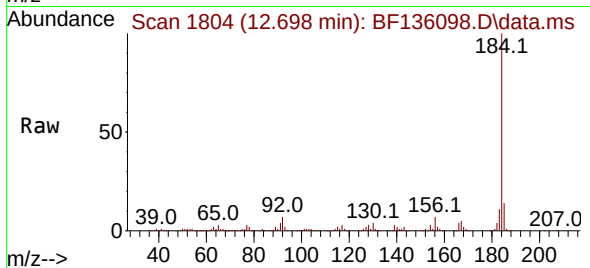
Tgt Ion:184 Resp: 259127

Ion Ratio Lower Upper

184 100

185 13.9 11.8 17.8

183 11.3 9.5 14.3



#78

Pyrene

Concen: 54.482 ng

RT: 12.804 min Scan# 1822

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

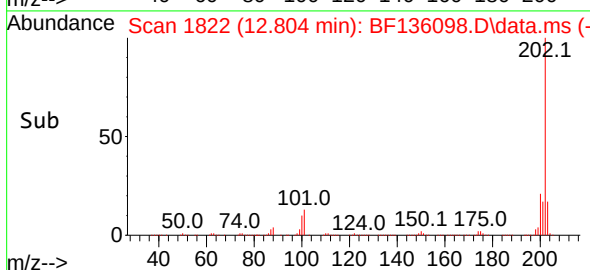
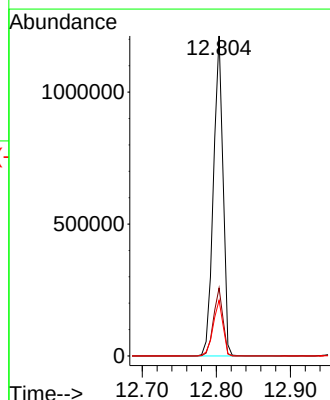
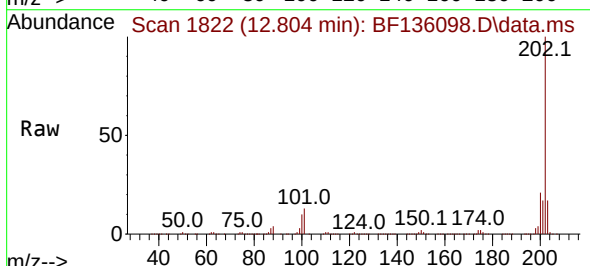
Tgt Ion:202 Resp: 1083839

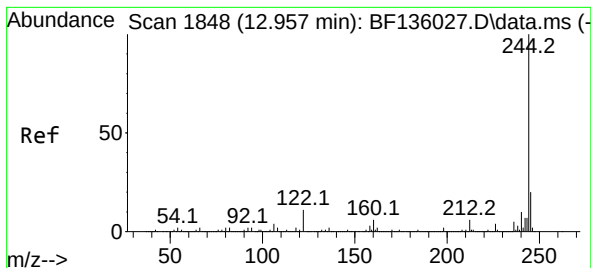
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.4 14.4 21.6





#79

Terphenyl-d14

Concen: 102.708 ng

RT: 12.957 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA_F

ClientSampleId :

PB156660BS

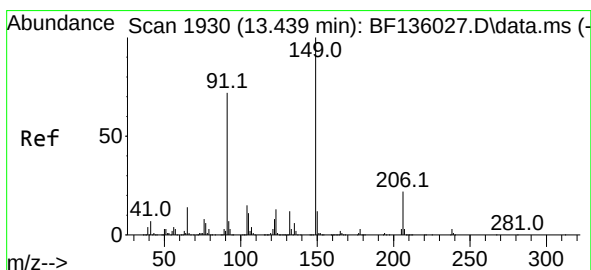
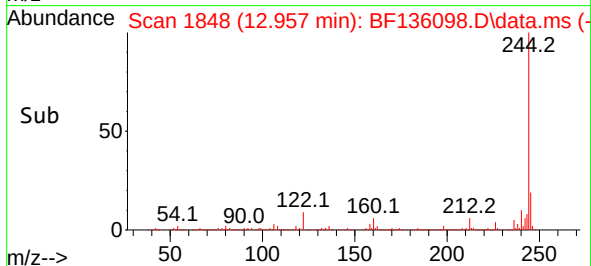
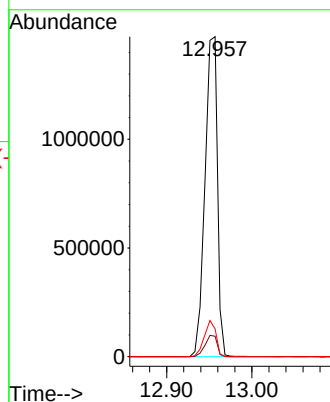
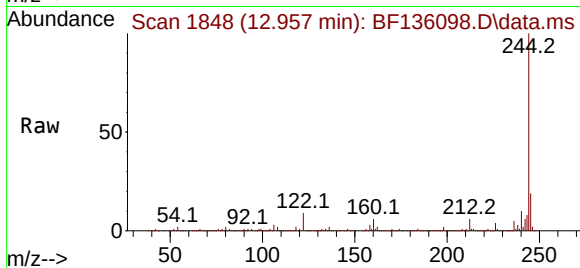
Tgt Ion:244 Resp: 1491285

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 8.7 8.6 12.8



#80

Butylbenzylphthalate

Concen: 50.217 ng

RT: 13.433 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

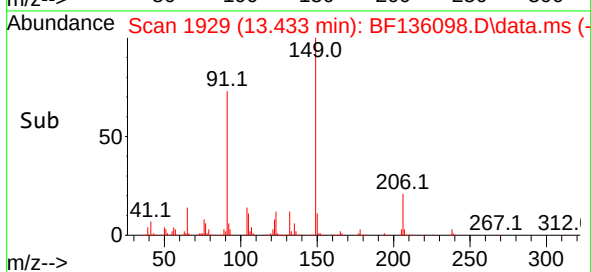
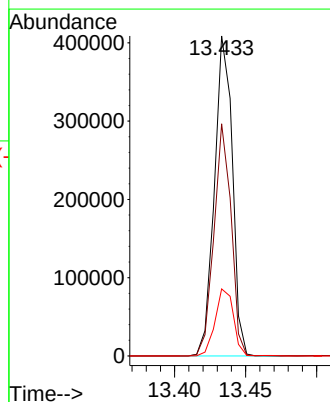
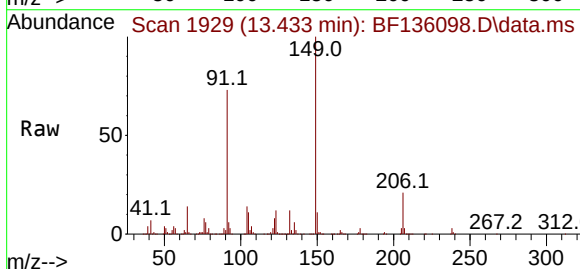
Tgt Ion:149 Resp: 357597

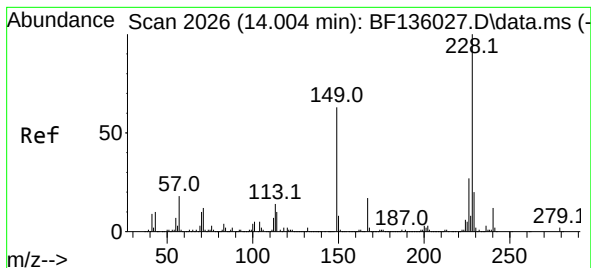
Ion Ratio Lower Upper

149 100

91 72.5 57.6 86.4

206 20.9 17.4 26.0





#81

Benzo(a)anthracene

Concen: 47.263 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA_F

ClientSampleId :

PB156660BS

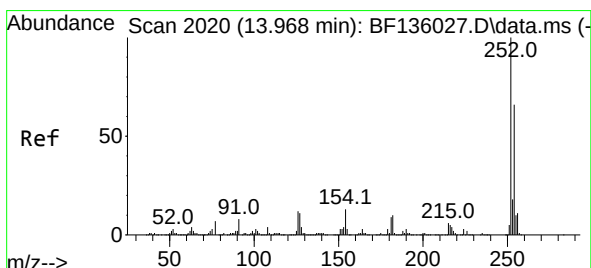
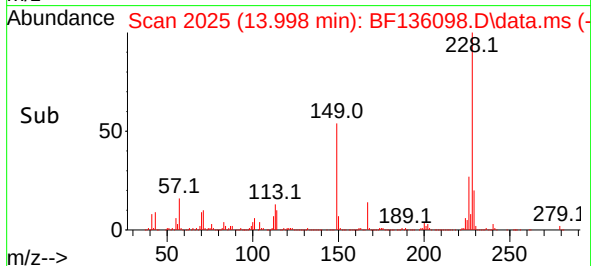
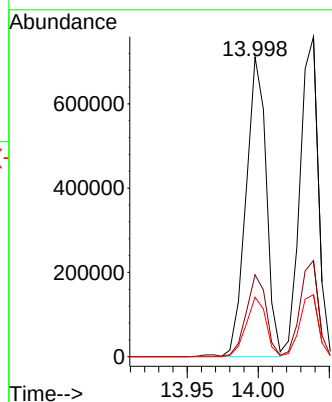
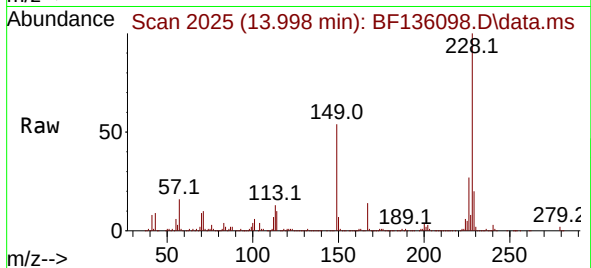
Tgt Ion:228 Resp: 706021

Ion Ratio Lower Upper

228 100

226 27.4 21.5 32.3

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 47.517 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

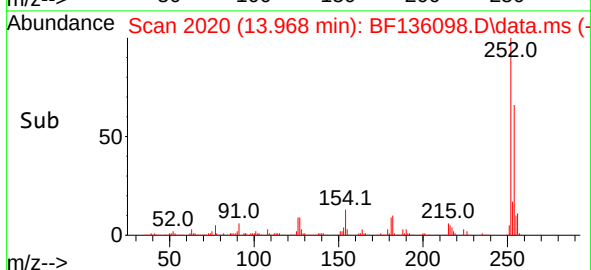
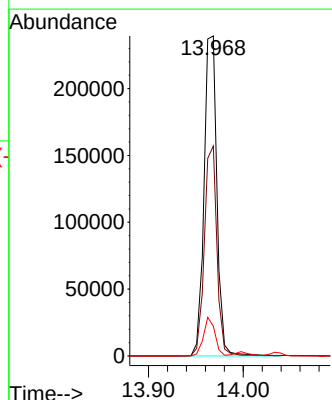
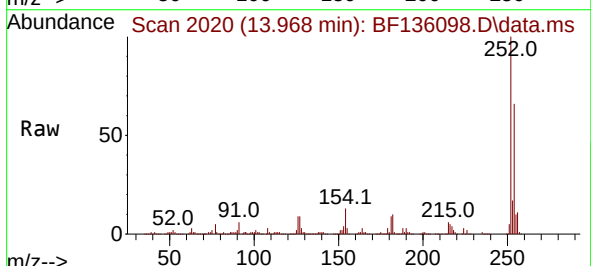
Tgt Ion:252 Resp: 226551

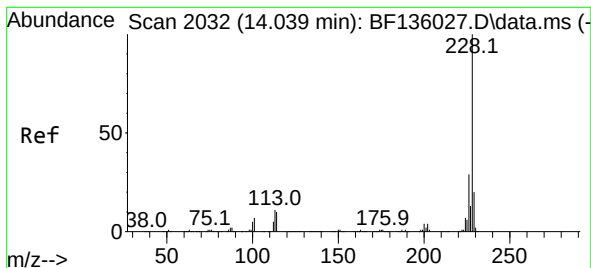
Ion Ratio Lower Upper

252 100

254 65.6 52.5 78.7

126 9.3 9.4 14.2#





#83

Chrysene

Concen: 46.688 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA_F

ClientSampleId :

PB156660BS

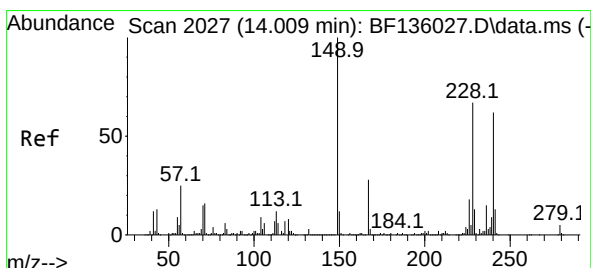
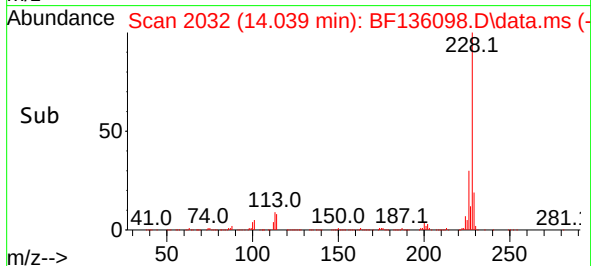
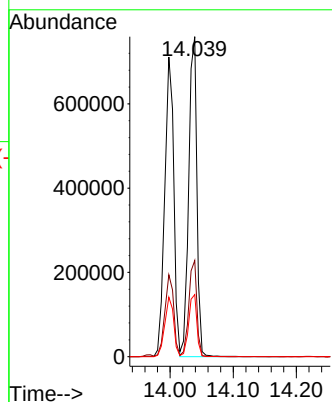
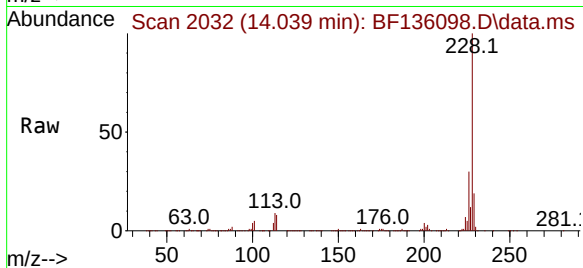
Tgt Ion:228 Resp: 686835

Ion Ratio Lower Upper

228 100

226 30.0 23.5 35.3

229 19.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.301 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

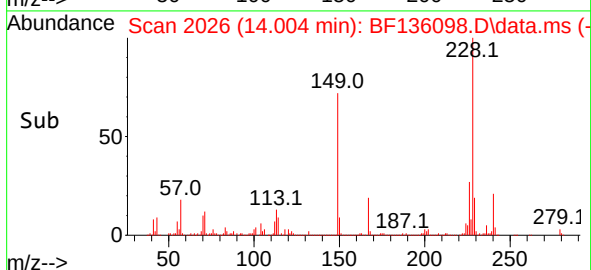
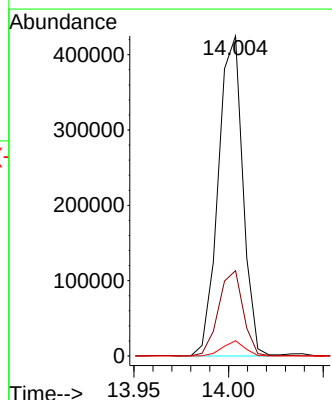
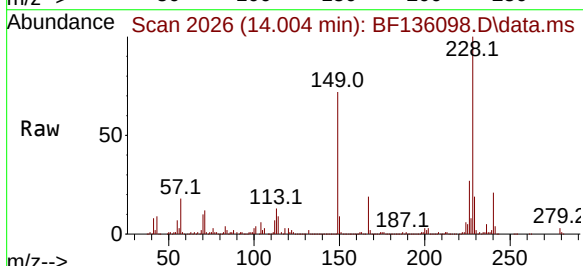
Tgt Ion:149 Resp: 384125

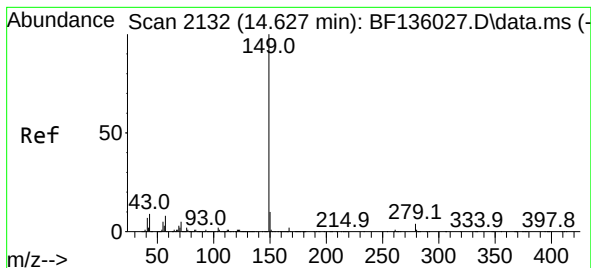
Ion Ratio Lower Upper

149 100

167 26.6 22.6 33.8

279 4.8 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 47.084 ng

RT: 14.621 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA_F

ClientSampleId :

PB156660BS

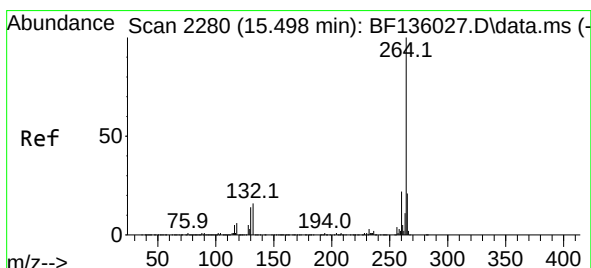
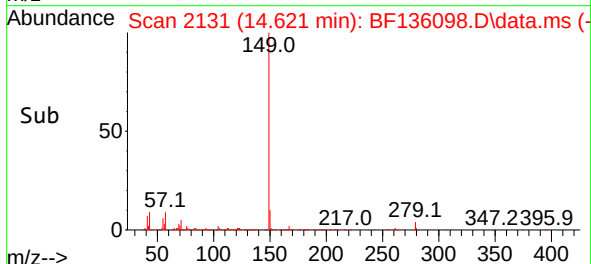
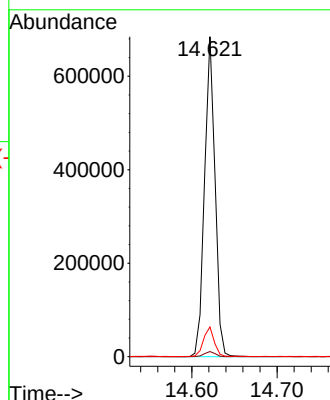
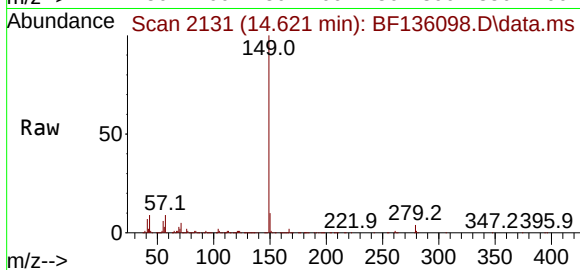
Tgt Ion:149 Resp: 585180

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.6 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

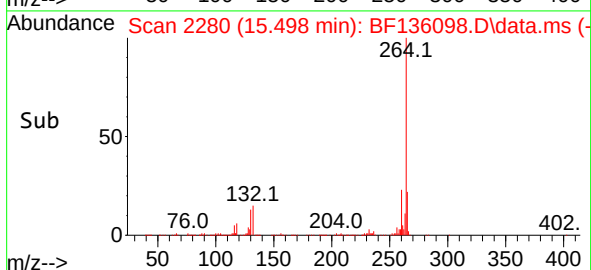
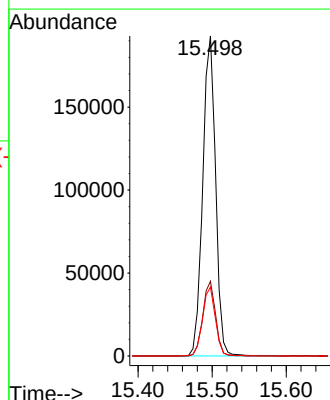
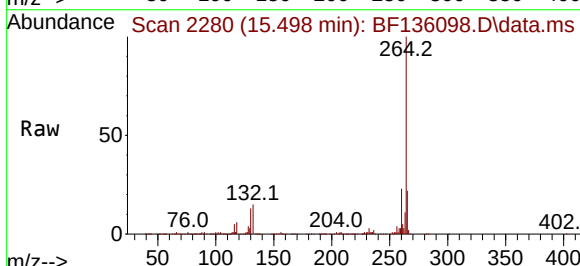
Tgt Ion:264 Resp: 232191

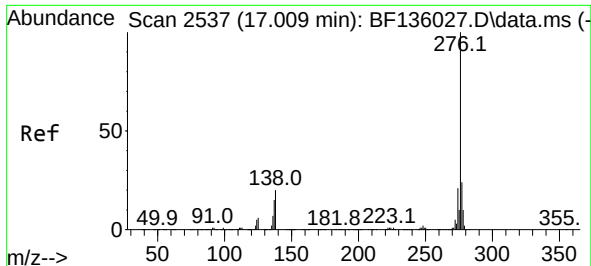
Ion Ratio Lower Upper

264 100

260 23.4 17.9 26.9

265 21.5 16.8 25.2

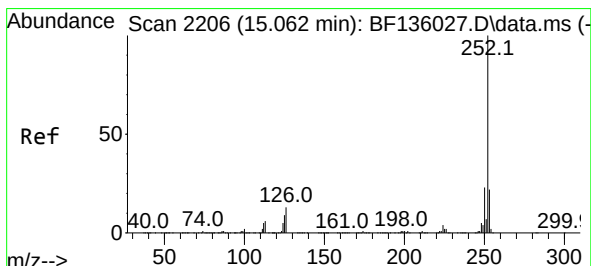
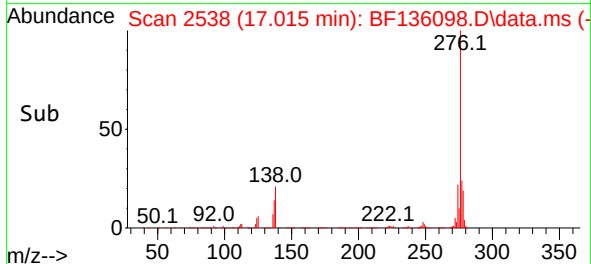
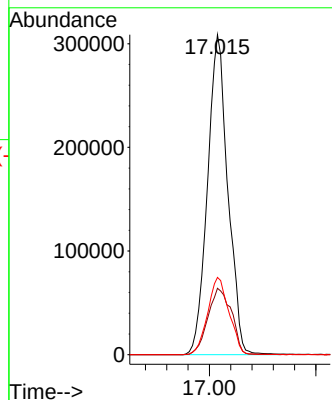
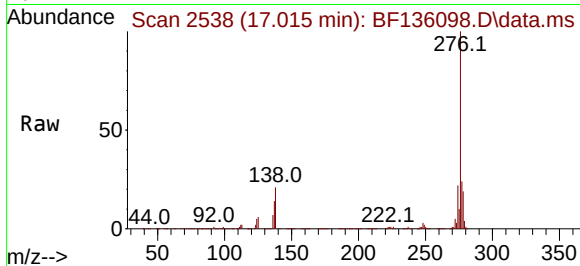




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 54.069 ng
 RT: 17.015 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF136098.D
 Acq: 02 Nov 2023 16:24

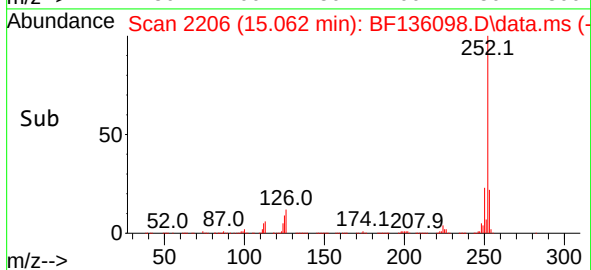
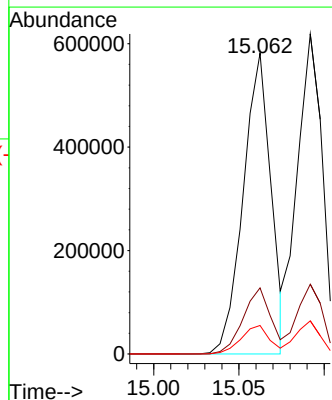
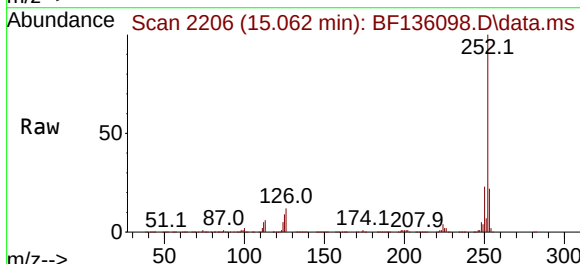
Instrument :
 BNA_F
 ClientSampleId :
 PB156660BS

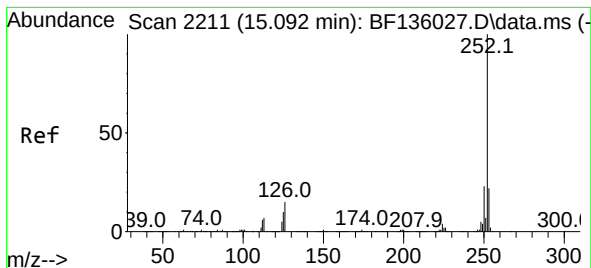
Tgt Ion:276 Resp: 820497
 Ion Ratio Lower Upper
 276 100
 138 24.0 20.4 30.6
 277 25.3 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 47.956 ng
 RT: 15.062 min Scan# 2206
 Delta R.T. 0.000 min
 Lab File: BF136098.D
 Acq: 02 Nov 2023 16:24

Tgt Ion:252 Resp: 658881
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 9.5 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 46.885 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA_F

ClientSampleId :

PB156660BS

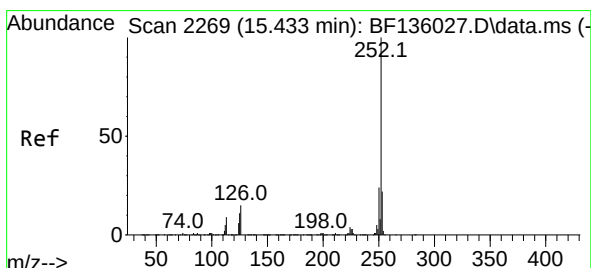
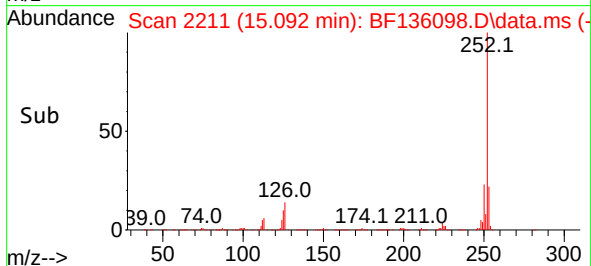
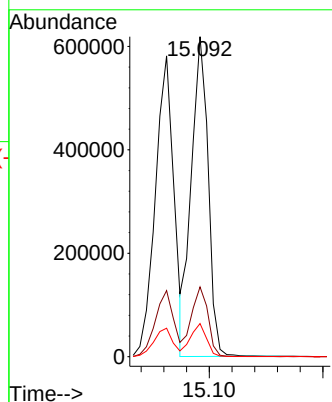
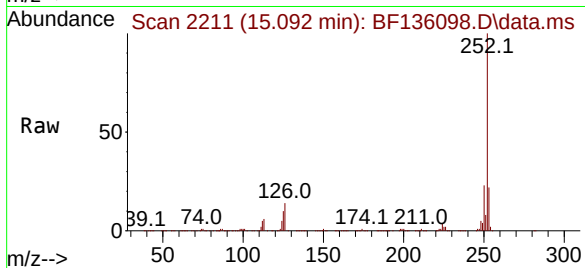
Tgt Ion:252 Resp: 637361

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 10.3 8.0 12.0



#90

Benzo(a)pyrene

Concen: 46.307 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

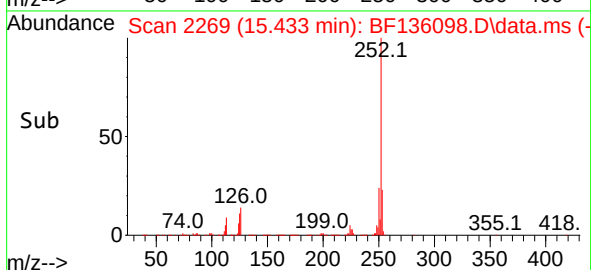
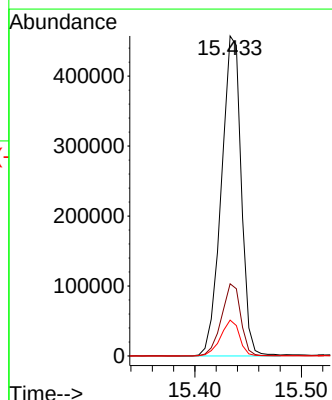
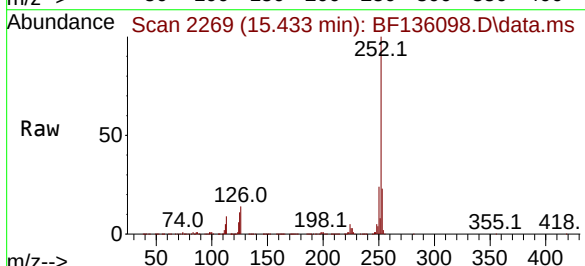
Tgt Ion:252 Resp: 591143

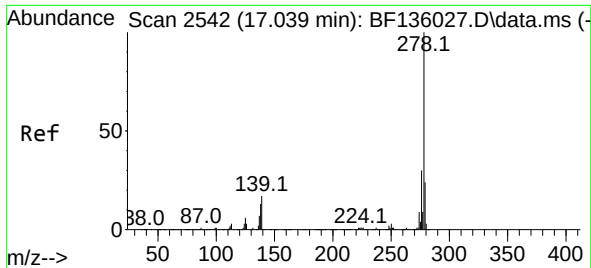
Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

125 11.2 9.0 13.6

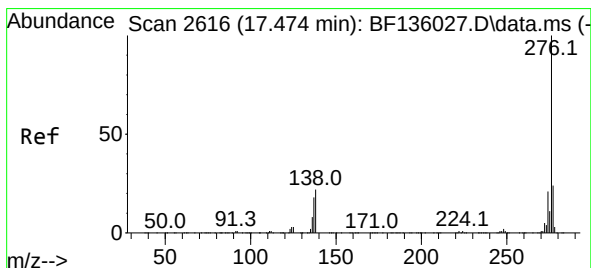
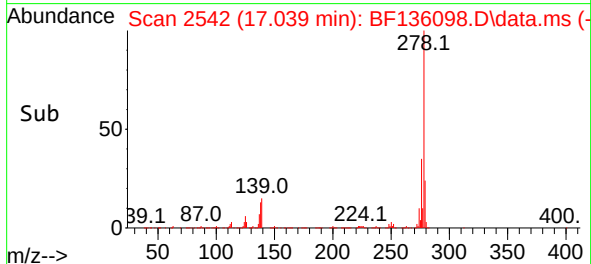
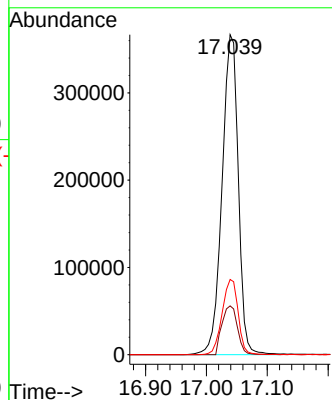
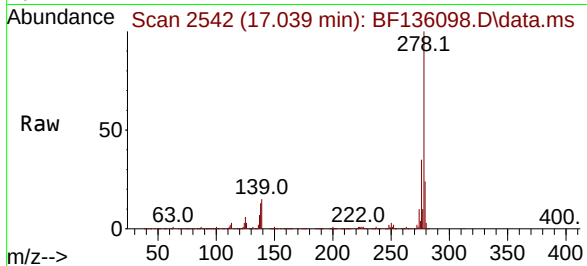




#91
Dibenzo(a,h)anthracene
Concen: 54.668 ng
RT: 17.039 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

Instrument :
BNA_F
ClientSampleId :
PB156660BS

Tgt Ion:278 Resp: 679540
Ion Ratio Lower Upper
278 100
139 15.3 13.7 20.5
279 23.5 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 48.457 ng
RT: 17.480 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF136098.D
Acq: 02 Nov 2023 16:24

Tgt Ion:276 Resp: 686187
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 20.7 17.4 26.2

