

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136096.D
 Acq On : 02 Nov 2023 15:24
 Operator : CG\JU
 Sample : PB156561BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156561BS

Quant Time: Nov 02 16:31:24 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	133341	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	555466	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	290728	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	526012	20.000	ng	0.00
76) Chrysene-d12	14.010	240	250436	20.000	ng	0.00
86) Perylene-d12	15.498	264	266069	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1120250	132.020	ng	0.01
7) Phenol-d6	6.463	99	1397330	132.168	ng	0.00
23) Nitrobenzene-d5	7.387	82	834201	90.532	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	428305	138.022	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1552593	85.131	ng	0.00
79) Terphenyl-d14	12.951	244	1655755	102.745	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	151878	41.104	ng	100
3) Pyridine	3.416	79	339928	33.705	ng	98
4) n-Nitrosodimethylamine	3.381	42	189283	44.888	ng	94
6) Aniline	6.487	93	485310	35.455	ng	97
8) 2-Chlorophenol	6.604	128	447949	49.377	ng	99
9) Benzaldehyde	6.369	77	116014	19.679	ng	98
10) Phenol	6.475	94	523195	47.846	ng	87
11) bis(2-Chloroethyl)ether	6.563	93	407285	47.576	ng	99
12) 1,3-Dichlorobenzene	6.763	146	452490	47.923	ng	98
13) 1,4-Dichlorobenzene	6.840	146	458874	48.494	ng	99
14) 1,2-Dichlorobenzene	6.987	146	436748	49.362	ng	96
15) Benzyl Alcohol	6.963	79	351777	46.926	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	562524	47.739	ng	99
17) 2-Methylphenol	7.075	107	348841	45.328	ng	98
18) Hexachloroethane	7.334	117	163350	49.116	ng	91
19) n-Nitroso-di-n-propyla...	7.240	70	280962	46.511	ng	96
20) 3+4-Methylphenols	7.228	107	419231	44.673	ng	93
22) Acetophenone	7.234	105	569561	46.242	ng	# 92
24) Nitrobenzene	7.404	77	428200	45.941	ng	94
25) Isophorone	7.645	82	799743	45.974	ng	99
26) 2-Nitrophenol	7.716	139	225457	53.018	ng	94
27) 2,4-Dimethylphenol	7.757	122	386367	48.081	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	489186	45.896	ng	99
29) 2,4-Dichlorophenol	7.957	162	362500	47.851	ng	96
30) 1,2,4-Trichlorobenzene	8.045	180	389241	47.100	ng	99
31) Naphthalene	8.128	128	1221899	45.618	ng	100
32) Benzoic acid	7.887	122	296314	46.240	ng	98
33) 4-Chloroaniline	8.175	127	373108	31.807	ng	97
34) Hexachlorobutadiene	8.239	225	223827	47.228	ng	99
35) Caprolactam	8.551	113	82586	33.527	ng	97
36) 4-Chloro-3-methylphenol	8.657	107	390910	49.151	ng	98
37) 2-Methylnaphthalene	8.816	142	801020	44.600	ng	98
38) 1-Methylnaphthalene	8.916	142	748913	44.807	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	378238	45.619	ng	98
41) Hexachlorocyclopentadiene	8.969	237	438204	98.926	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	262343	48.528	ng	97

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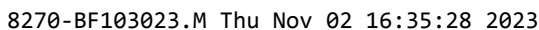
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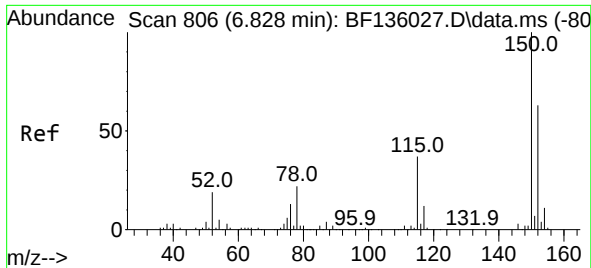
Quant Time: Nov 02 16:31:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	283263	45.233	ng	98
46) 1,1'-Biphenyl	9.286	154	1013782	45.743	ng	98
47) 2-Chloronaphthalene	9.310	162	765066	46.827	ng	99
48) 2-Nitroaniline	9.404	65	240015	49.639	ng	99
49) Acenaphthylene	9.722	152	1167888	45.821	ng	99
50) Dimethylphthalate	9.592	163	888944	46.355	ng	100
51) 2,6-Dinitrotoluene	9.651	165	204004	49.739	ng	96
52) Acenaphthene	9.898	154	752960	46.470	ng	98
53) 3-Nitroaniline	9.816	138	190183	39.740	ng	92
54) 2,4-Dinitrophenol	9.928	184	212412	94.004	ng	97
55) Dibenzofuran	10.069	168	1080574	45.736	ng	98
56) 4-Nitrophenol	9.981	139	337445	94.264	ng	90
57) 2,4-Dinitrotoluene	10.051	165	268754	51.789	ng	98
58) Fluorene	10.416	166	804145	45.458	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	242140	48.635	ng	100
60) Diethylphthalate	10.292	149	854243	46.622	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	395969	44.842	ng	96
62) 4-Nitroaniline	10.439	138	216777	47.041	ng	94
63) Azobenzene	10.569	77	806162	45.685	ng	97
65) 4,6-Dinitro-2-methylph...	10.463	198	146437	50.344	ng	90
66) n-Nitrosodiphenylamine	10.528	169	751821	47.380	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	266508	48.325	ng	93
68) Hexachlorobenzene	10.963	284	298295	50.645	ng	99
69) Atrazine	11.057	200	165172	38.258	ng	99
70) Pentachlorophenol	11.157	266	329305	87.056	ng	98
71) Phenanthrene	11.380	178	1239662	46.806	ng	99
72) Anthracene	11.433	178	1261983	46.501	ng	100
73) Carbazole	11.586	167	1092196	46.312	ng	99
74) Di-n-butylphthalate	11.927	149	1246110	46.241	ng	99
75) Fluoranthene	12.575	202	1185149	43.559	ng	99
77) Benzidine	12.698	184	290950	59.606	ng	99
78) Pyrene	12.804	202	1191968	53.985	ng	100
80) Butylbenzylphthalate	13.433	149	383790	48.559	ng	100
81) Benzo(a)anthracene	13.998	228	791133	47.717	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	249395	47.129	ng	100
83) Chrysene	14.039	228	757892	46.417	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	412371	44.784	ng	# 98
85) Di-n-octyl phthalate	14.621	149	654645	47.458	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	959993	55.206	ng	99
88) Benzo(b)fluoranthene	15.063	252	749013	47.575	ng	99
89) Benzo(k)fluoranthene	15.092	252	716481	45.994	ng	99
90) Benzo(a)pyrene	15.433	252	675586	46.183	ng	100
91) Dibenzo(a,h)anthracene	17.039	278	786856	55.241	ng	99
92) Benzo(g,h,i)perylene	17.480	276	801441	49.334	ng	100

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

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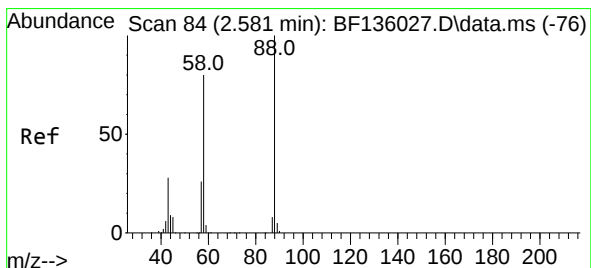
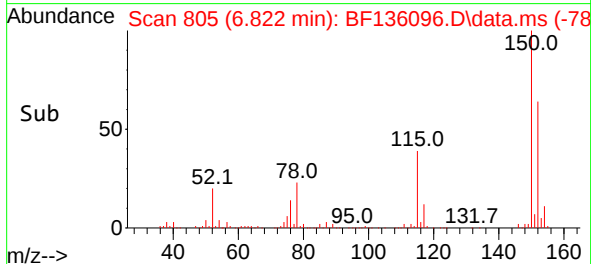
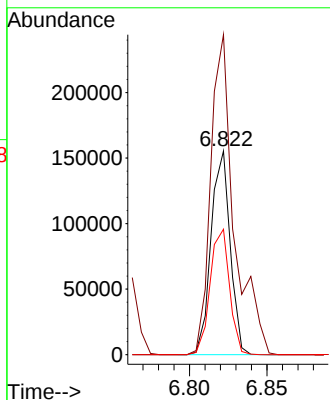
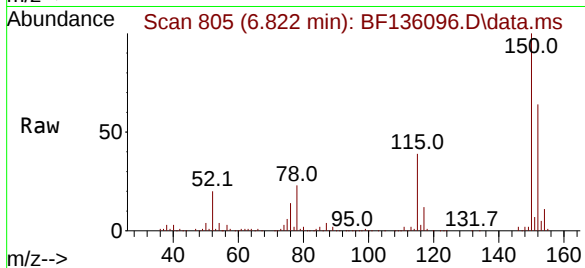




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136096.D
 Acq: 02 Nov 2023 15:24

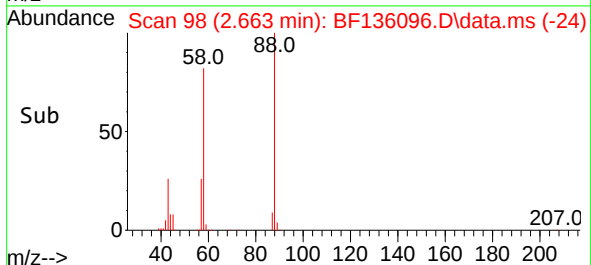
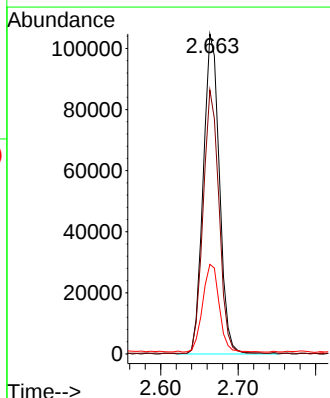
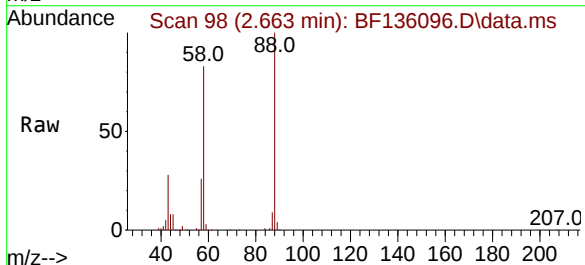
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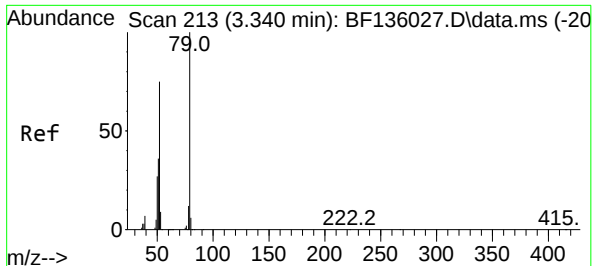
Tgt Ion:152 Resp: 133341
 Ion Ratio Lower Upper
 152 100
 150 157.1 126.4 189.6
 115 61.6 47.0 70.4



#2
 1,4-Dioxane
 Concen: 41.104 ng
 RT: 2.663 min Scan# 98
 Delta R.T. 0.083 min
 Lab File: BF136096.D
 Acq: 02 Nov 2023 15:24

Tgt Ion: 88 Resp: 151878
 Ion Ratio Lower Upper
 88 100
 58 80.6 64.3 96.5
 43 28.0 22.3 33.5

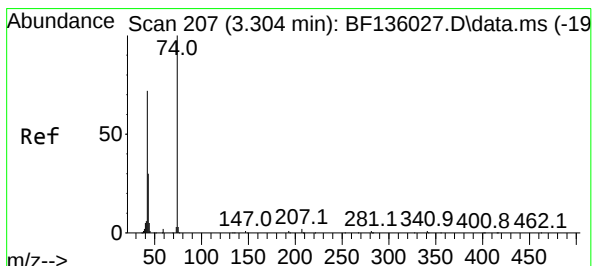
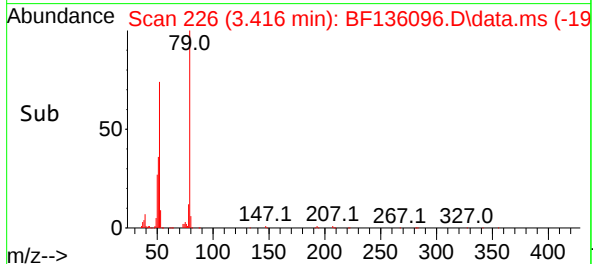
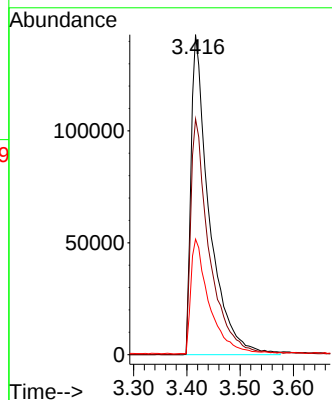
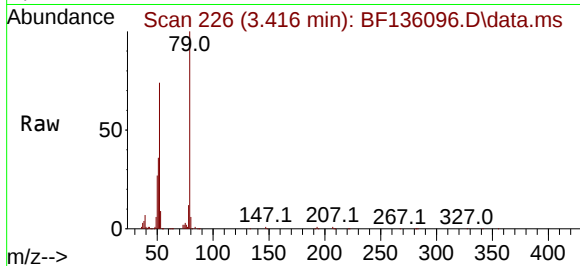




#3
Pyridine
Concen: 33.705 ng
RT: 3.416 min Scan# 21
Delta R.T. 0.077 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

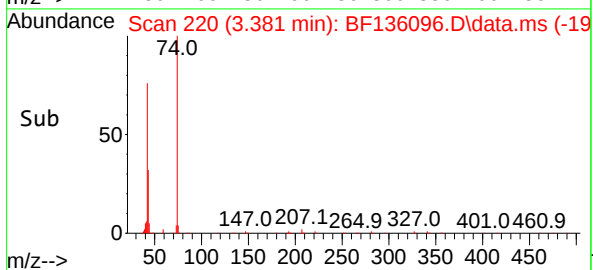
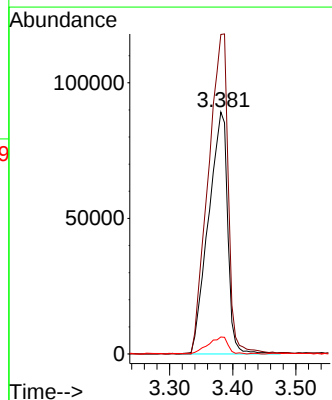
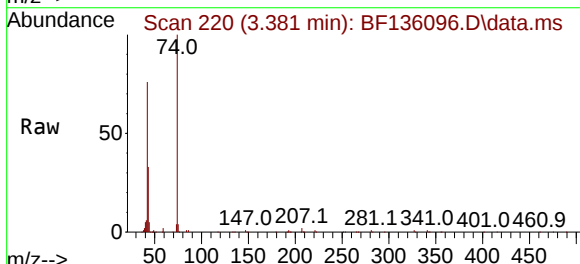
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BNA_F
ClientSampleId :
PB156561BS

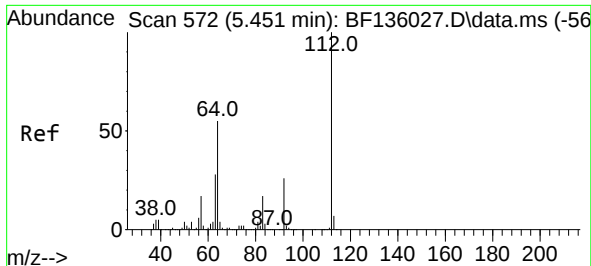
Tgt Ion: 79 Resp: 339928
Ion Ratio Lower Upper
79 100
52 73.7 60.3 90.5
51 36.1 29.3 43.9



#4
n-Nitrosodimethylamine
Concen: 44.888 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.077 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Tgt Ion: 42 Resp: 189283
Ion Ratio Lower Upper
42 100
74 132.1 111.8 167.6
44 7.0 6.2 9.4

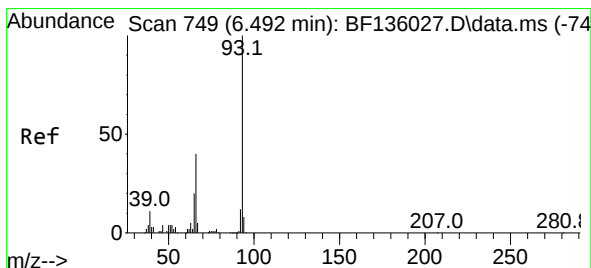
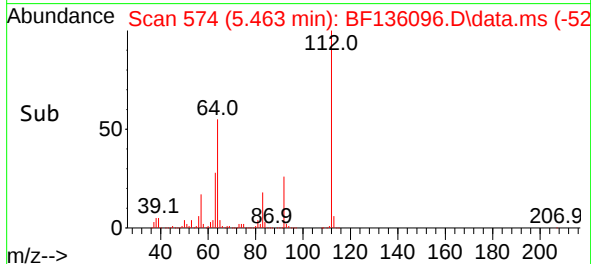
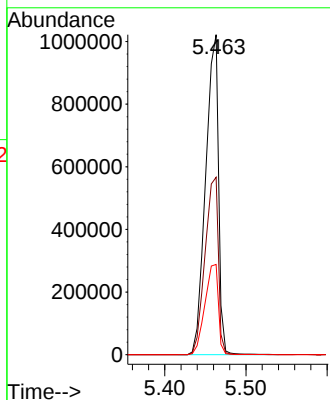
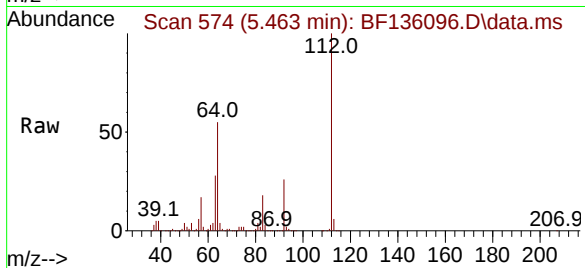




#5
2-Fluorophenol
Concen: 132.020 ng
RT: 5.463 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

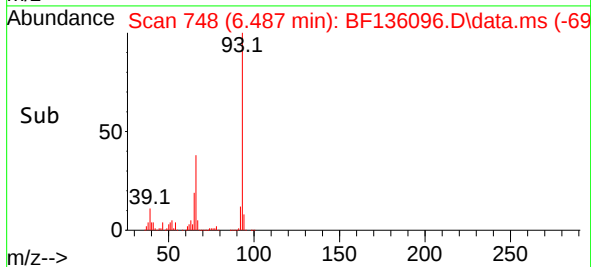
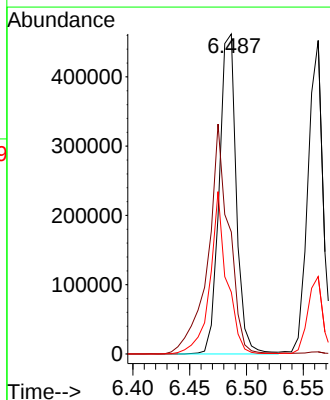
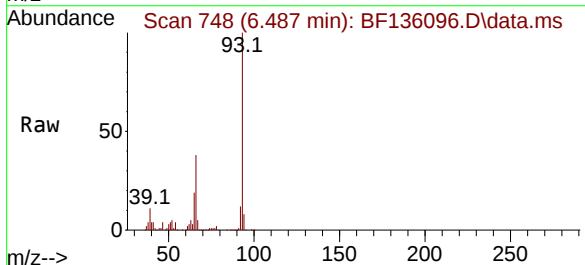
Instrument :
BNA_F
ClientSampleId :
PB156561BS

Tgt Ion:112 Resp: 1120250
Ion Ratio Lower Upper
112 100
64 55.4 43.9 65.9
63 28.2 22.4 33.6



#6
Aniline
Concen: 35.455 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Tgt Ion: 93 Resp: 485310
Ion Ratio Lower Upper
93 100
66 38.1 32.4 48.6
65 19.3 16.2 24.2

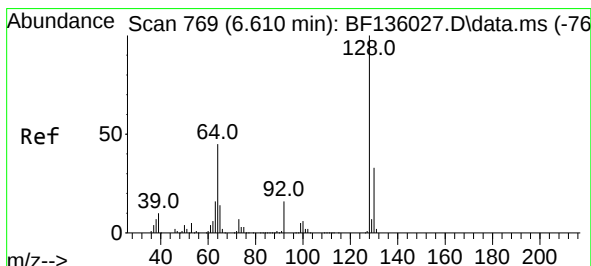
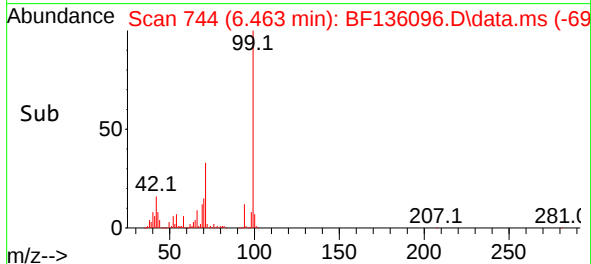
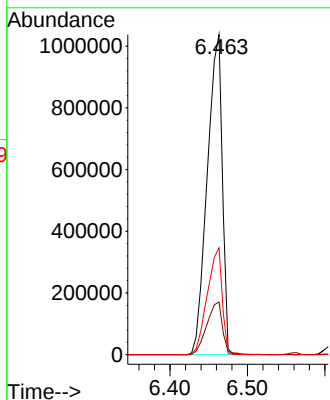
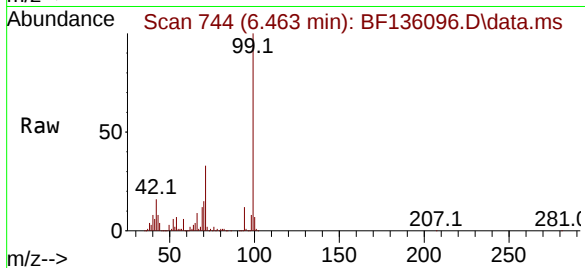




#7
Phenol-d6
Concen: 132.168 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

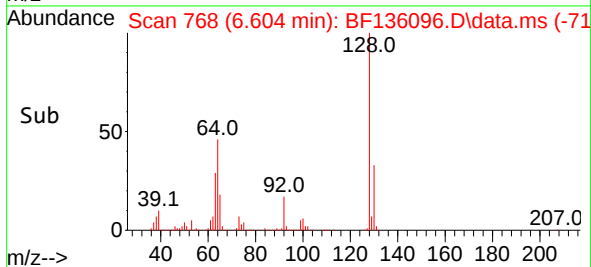
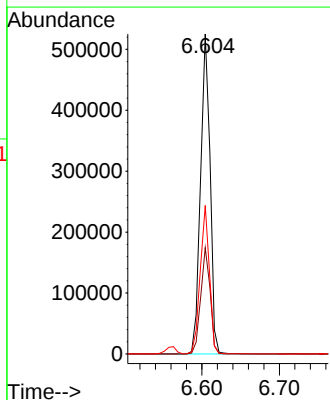
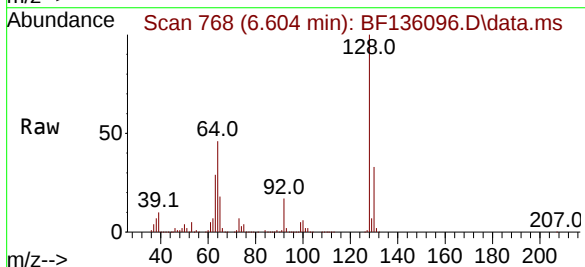
Instrument :
BNA_F
ClientSampleId :
PB156561BS

Tgt Ion: 99 Resp: 1397330
Ion Ratio Lower Upper
99 100
42 16.5 13.7 20.5
71 33.4 25.9 38.9



#8
2-Chlorophenol
Concen: 49.377 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Tgt Ion:128 Resp: 447949
Ion Ratio Lower Upper
128 100
130 33.2 12.8 52.8
64 46.4 25.8 65.8





#9

Benzaldehyde

Concen: 19.679 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156561BS

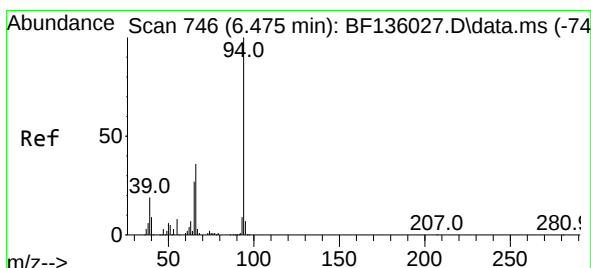
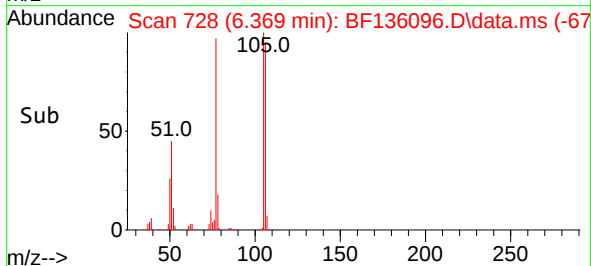
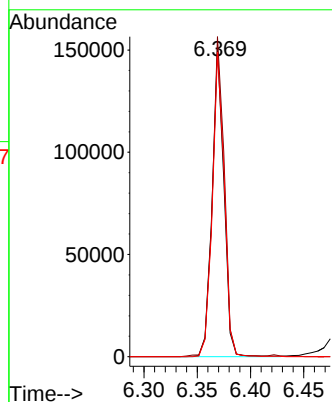
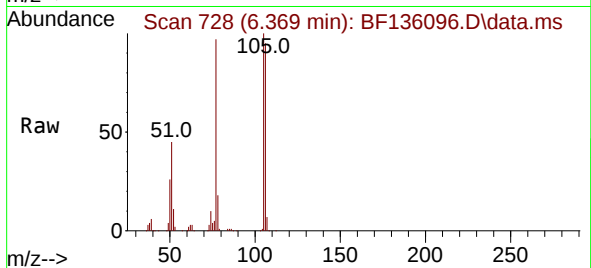
Tgt Ion: 77 Resp: 116014

Ion Ratio Lower Upper

77 100

105 103.3 85.7 125.7

106 98.2 79.8 119.8



#10

Phenol

Concen: 47.846 ng

RT: 6.475 min Scan# 746

Delta R.T. 0.000 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

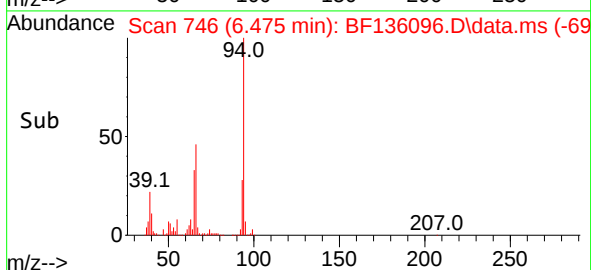
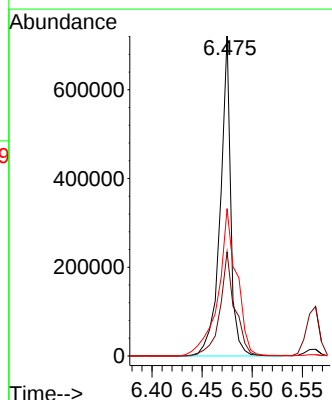
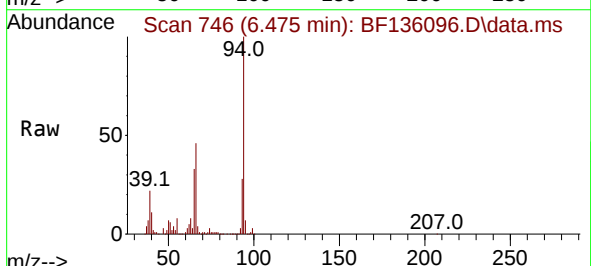
Tgt Ion: 94 Resp: 523195

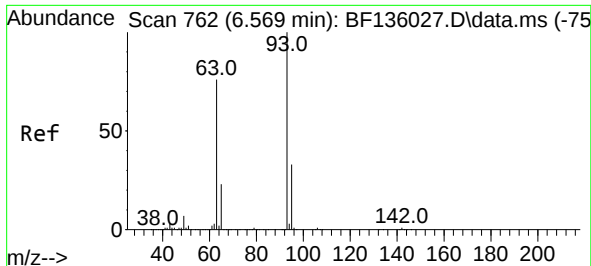
Ion Ratio Lower Upper

94 100

65 32.5 7.5 47.5

66 46.0 17.1 57.1





#11

bis(2-Chloroethyl)ether

Concen: 47.576 ng

RT: 6.563 min Scan# 7

Delta R.T. -0.006 min

Lab File: BF136096.D

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Instrument :

BNA_F

ClientSampleId :

PB156561BS

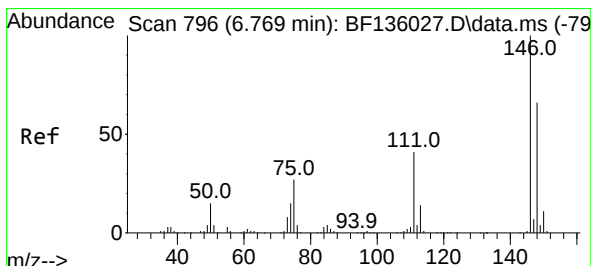
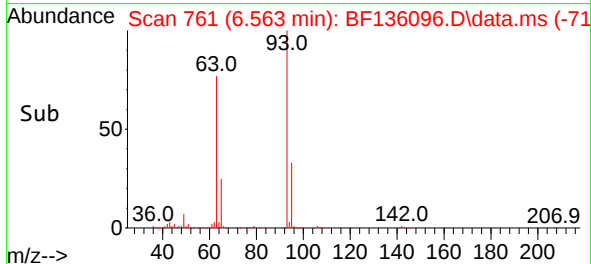
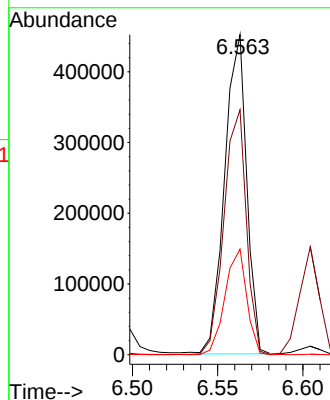
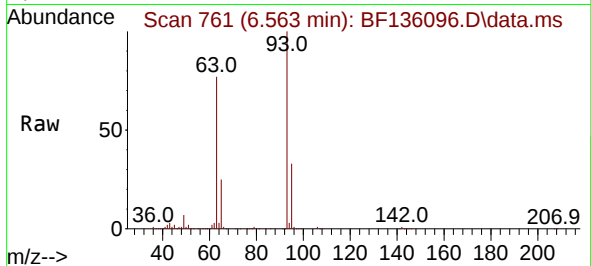
Tgt Ion: 93 Resp: 407285

Ion Ratio Lower Upper

93 100

63 76.5 55.8 95.8

95 33.0 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 47.923 ng

RT: 6.763 min Scan# 795

Delta R.T. -0.006 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

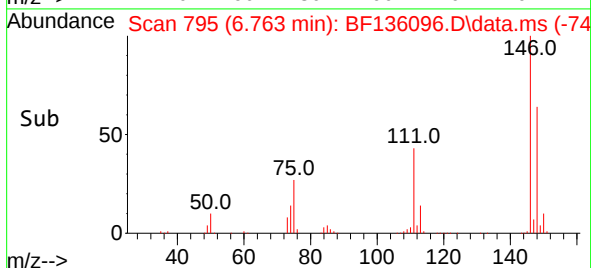
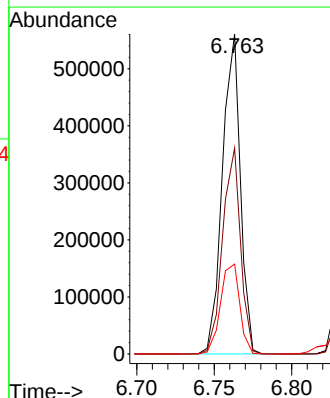
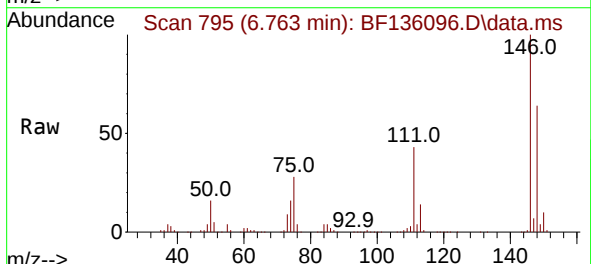
Tgt Ion:146 Resp: 452490

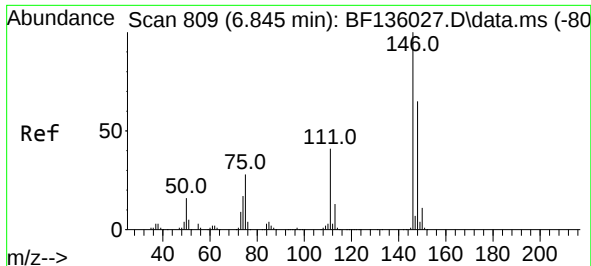
Ion Ratio Lower Upper

146 100

148 64.3 52.6 78.8

75 28.1 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 48.494 ng

RT: 6.840 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156561BS

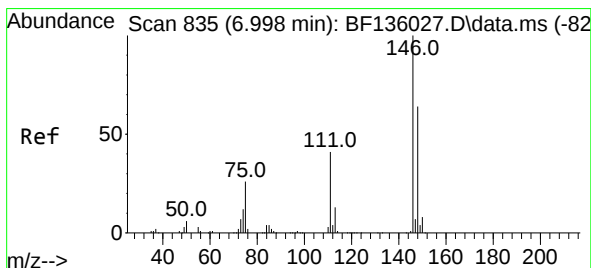
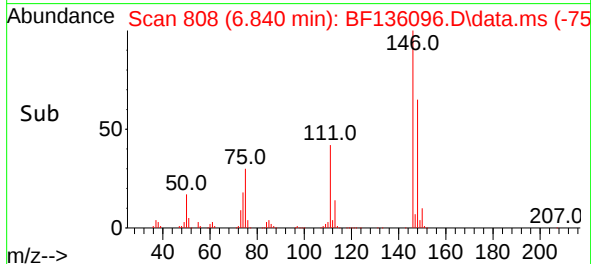
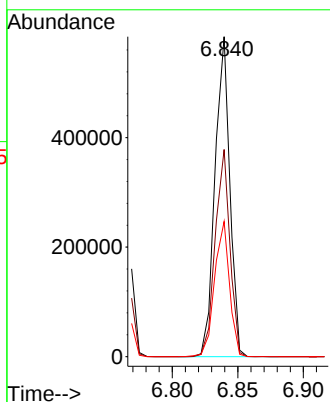
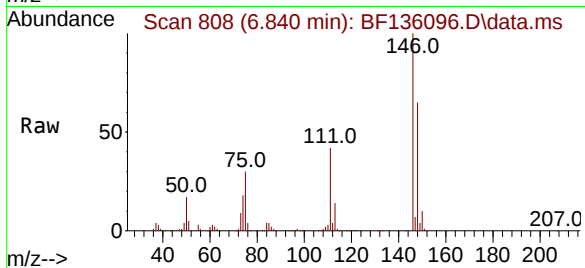
Tgt Ion:146 Resp: 458874

Ion Ratio Lower Upper

146 100

148 64.8 52.1 78.1

111 42.3 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 49.362 ng

RT: 6.987 min Scan# 833

Delta R.T. -0.012 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

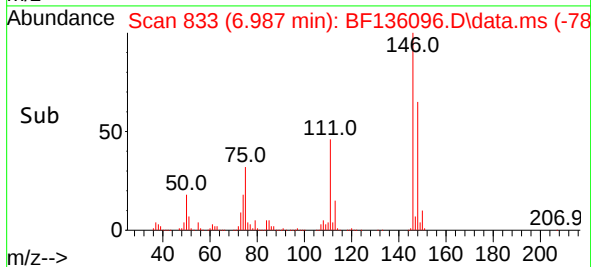
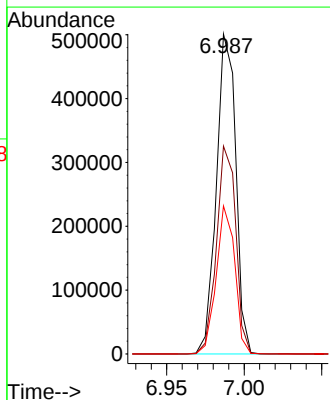
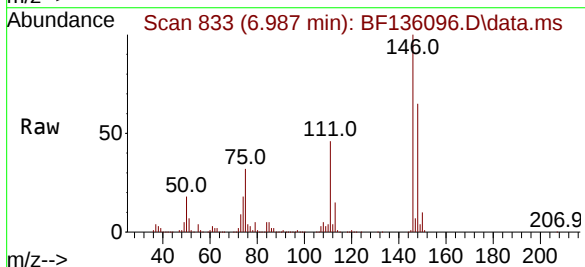
Tgt Ion:146 Resp: 436748

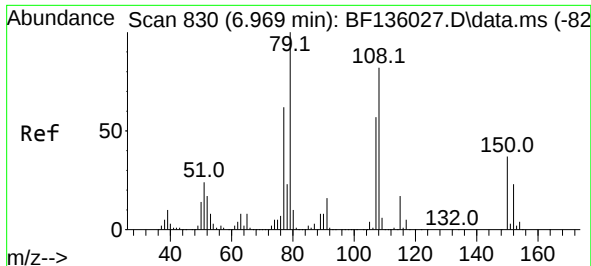
Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.2

111 46.3 33.0 49.4

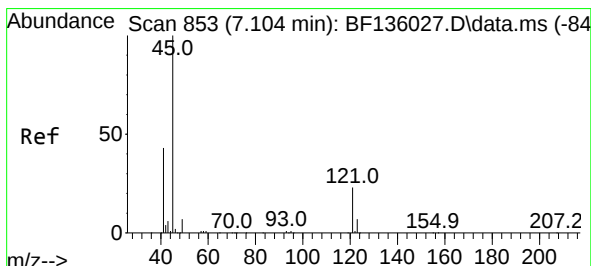
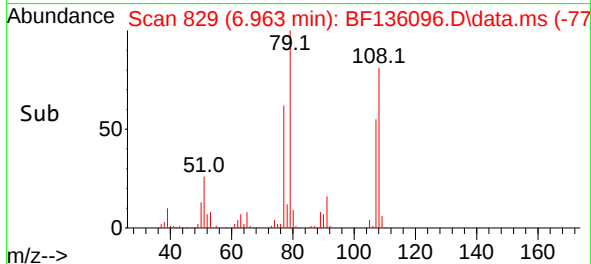
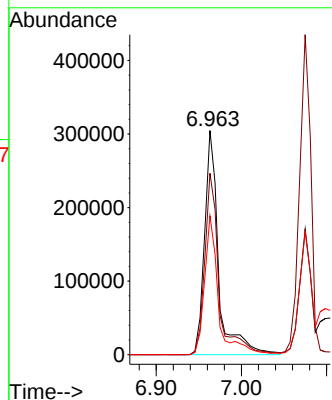
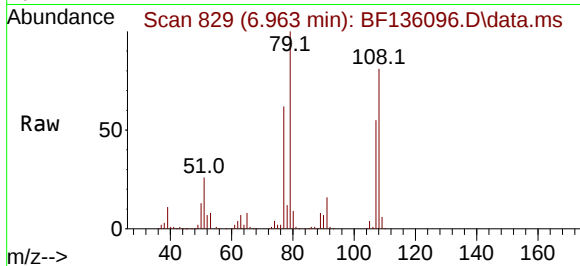




#15
Benzyl Alcohol
Concen: 46.926 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

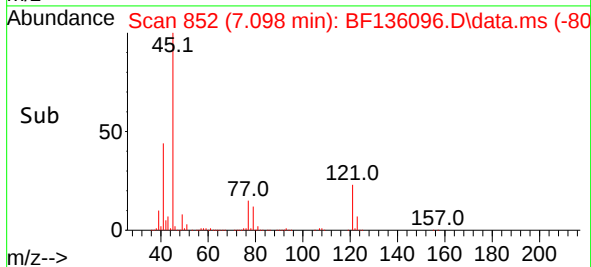
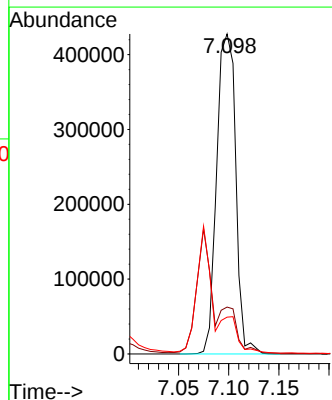
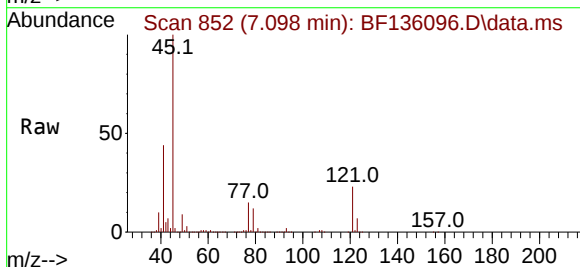
Instrument :
BNA_F
ClientSampleId :
PB156561BS

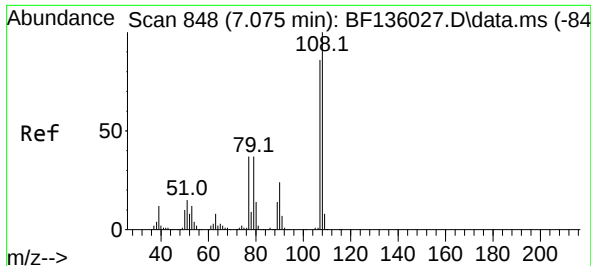
Tgt Ion: 79 Resp: 351777
Ion Ratio Lower Upper
79 100
108 80.9 65.9 98.9
77 62.0 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.739 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Tgt Ion: 45 Resp: 562524
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.6
79 11.5 0.0 30.6



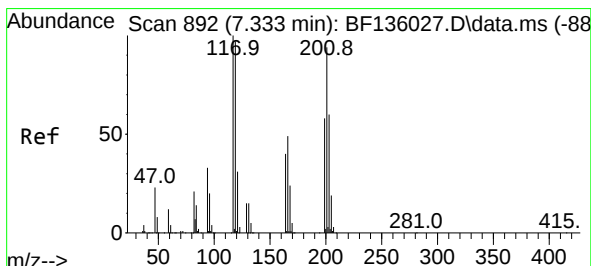
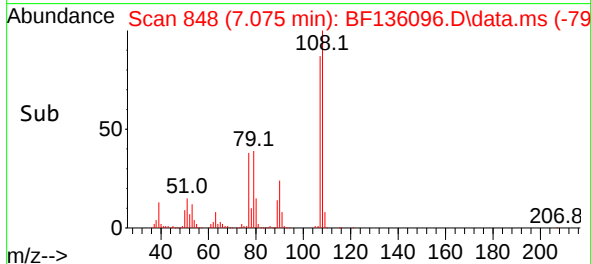
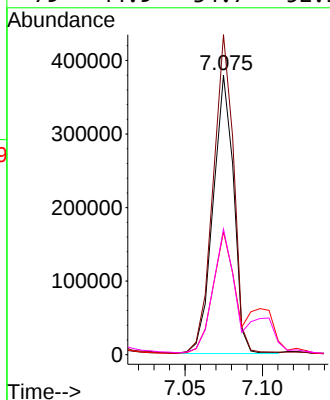
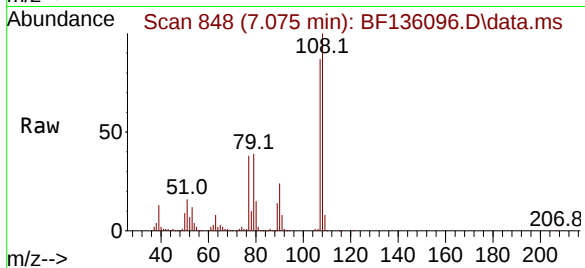


#17
2-Methylphenol
Concen: 45.328 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Instrument :
BNA_F
ClientSampleId :
PB156561BS

Tgt Ion:107 Resp: 348841

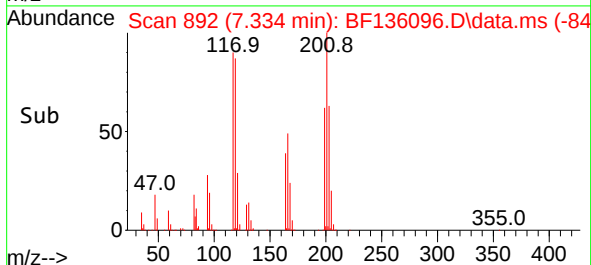
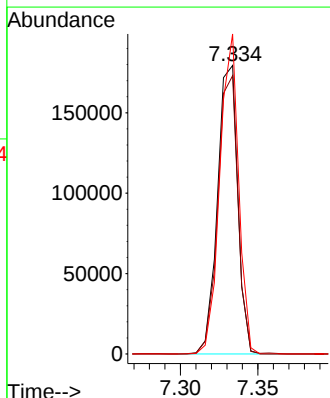
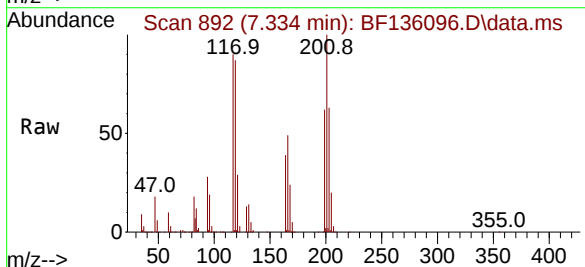
Ion	Ratio	Lower	Upper
107	100		
108	114.5	93.4	140.2
77	44.0	34.4	51.6
79	44.9	34.7	52.1



#18
Hexachloroethane
Concen: 49.116 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Tgt Ion:117 Resp: 163350

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.7	116.5
201	111.0	75.0	112.6



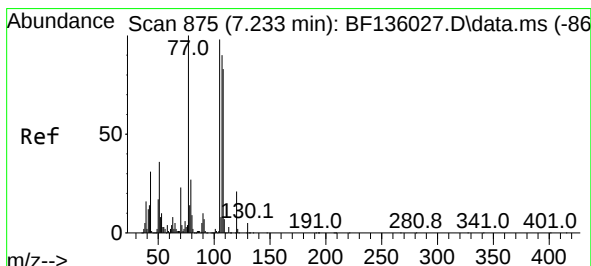
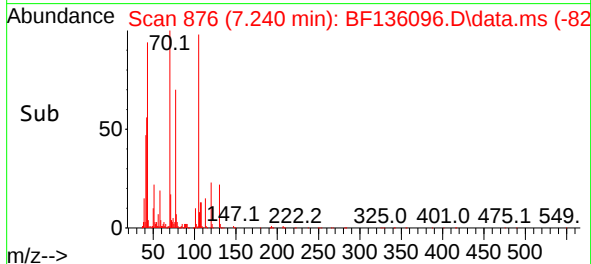
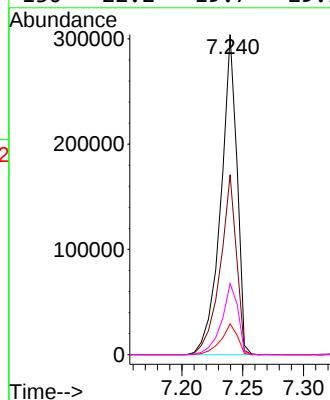
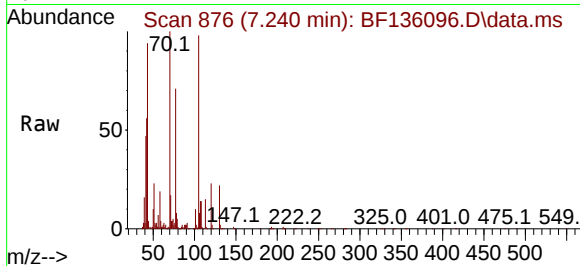


#19
n-Nitroso-di-n-propylamine
Concen: 46.511 ng
RT: 7.240 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Instrument :
BNA_F
ClientSampleId :
PB156561BS

Tgt Ion: 70 Resp: 280962

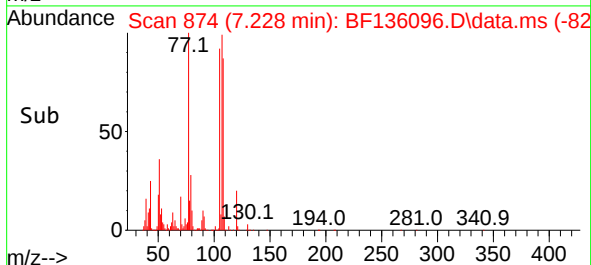
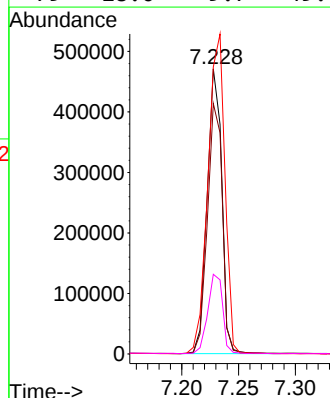
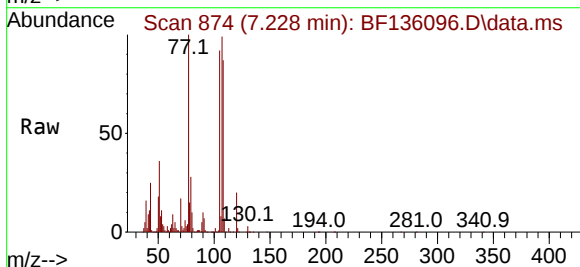
Ion	Ratio	Lower	Upper
70	100		
42	56.3	43.0	64.4
101	9.7	8.0	12.0
130	22.2	19.7	29.5

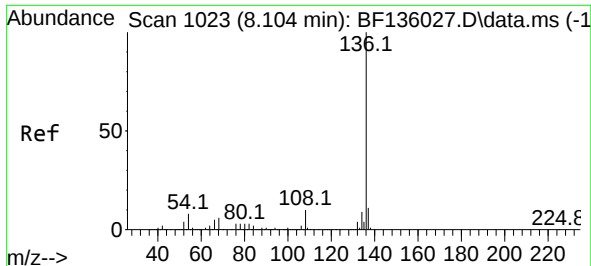


#20
3+4-Methylphenols
Concen: 44.673 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Tgt Ion: 107 Resp: 419231

Ion	Ratio	Lower	Upper
107	100		
108	87.8	72.3	112.3
77	100.6	91.4	131.4
79	28.0	9.7	49.7

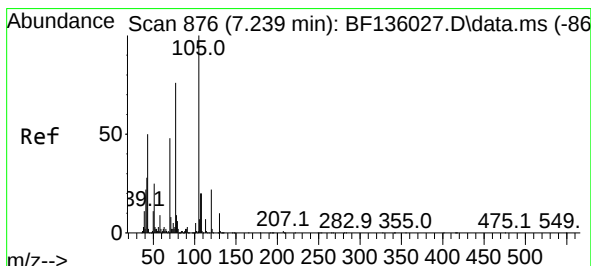
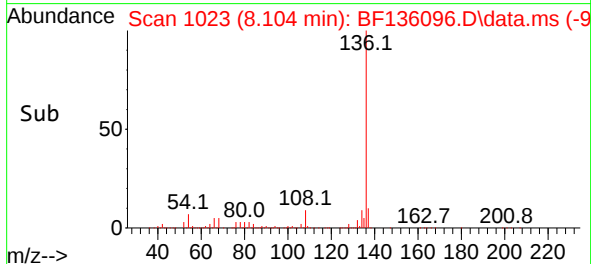
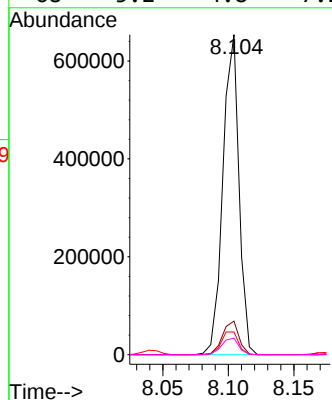
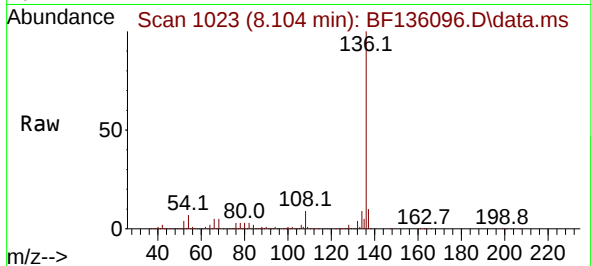




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

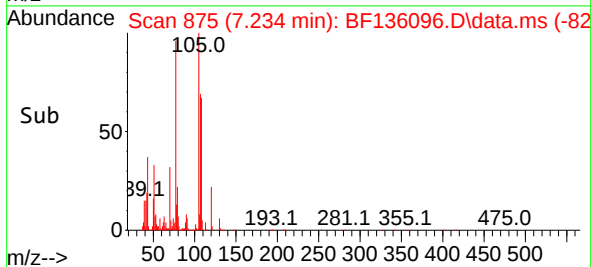
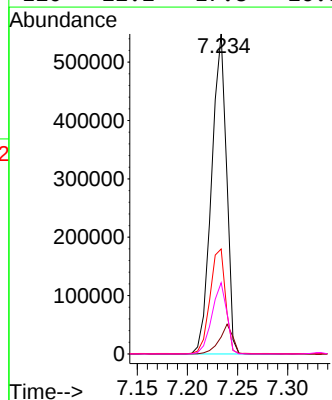
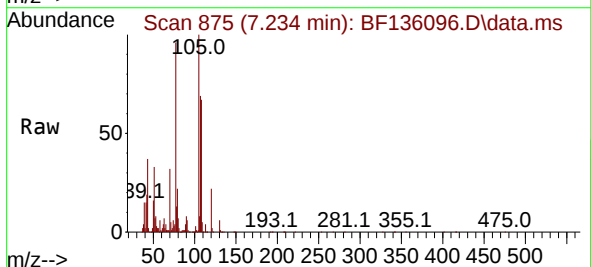
Instrument :
BNA_F
ClientSampleId :
PB156561BS

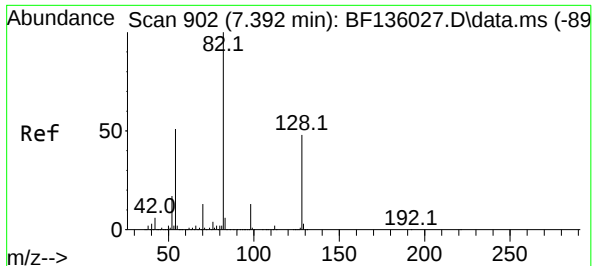
Tgt Ion:	136	Resp:	555466
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	7.1	6.6	9.8
68	5.2	4.8	7.2



#22
Acetophenone
Concen: 46.242 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Tgt Ion:	105	Resp:	569561
Ion	Ratio	Lower	Upper
105	100		
71	5.3	6.5	9.7#
51	32.8	20.3	30.5#
120	22.2	17.8	26.8





#23

Nitrobenzene-d5

Concen: 90.532 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156561BS

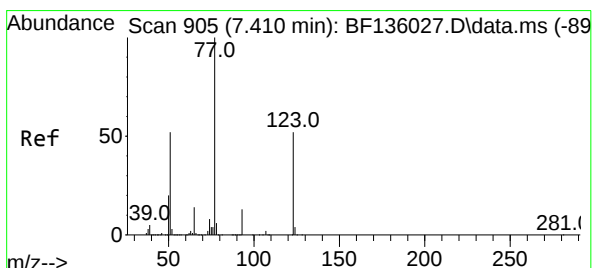
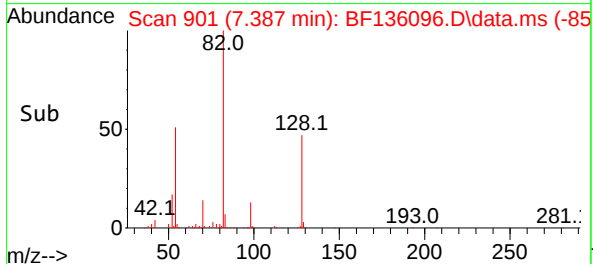
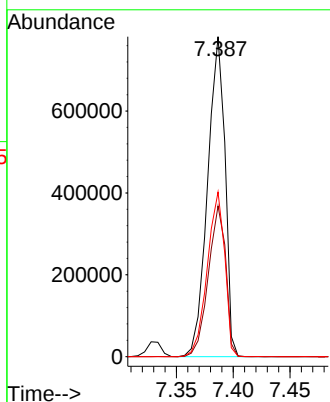
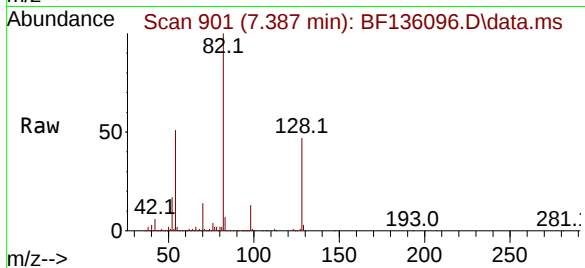
Tgt Ion: 82 Resp: 834201

Ion Ratio Lower Upper

82 100

128 47.1 38.6 57.8

54 51.5 40.8 61.2



#24

Nitrobenzene

Concen: 45.941 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

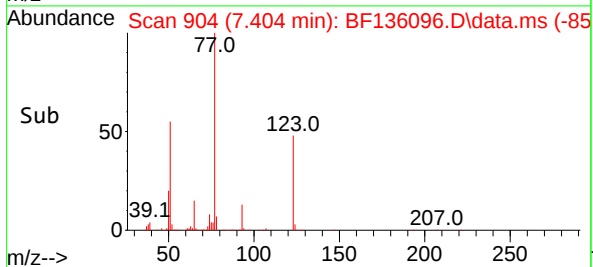
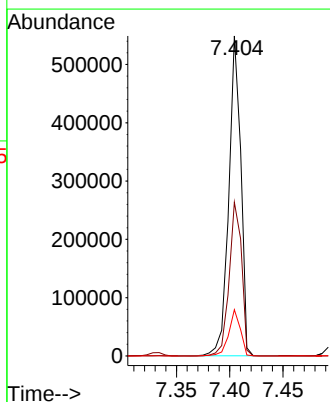
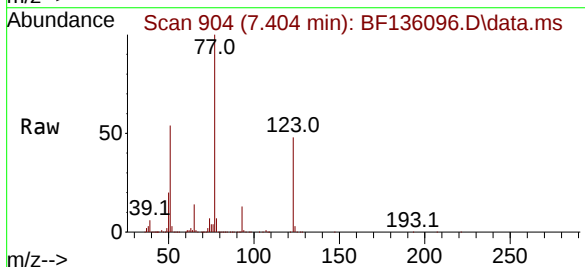
Tgt Ion: 77 Resp: 428200

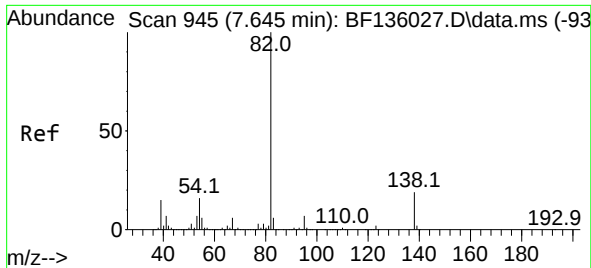
Ion Ratio Lower Upper

77 100

123 48.1 42.3 63.5

65 14.5 11.0 16.6

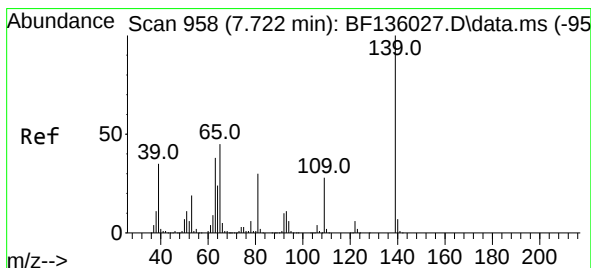
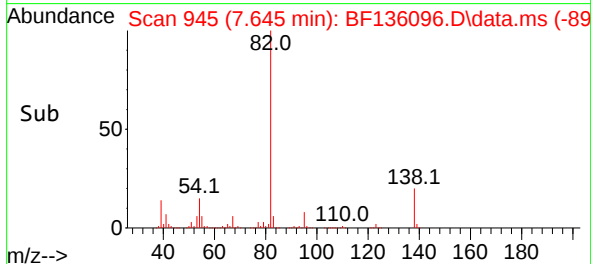
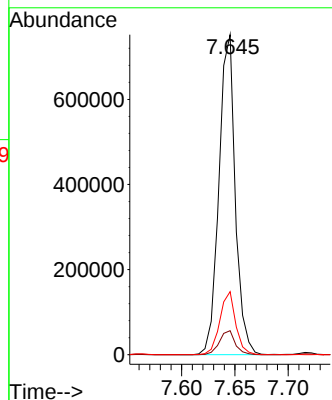
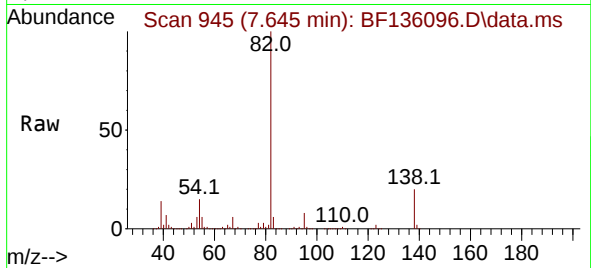




#25
Isophorone
Concen: 45.974 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

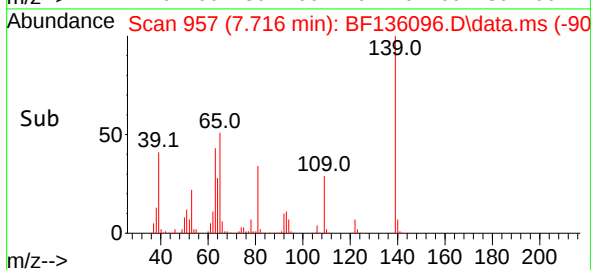
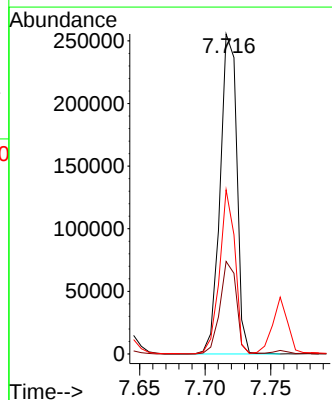
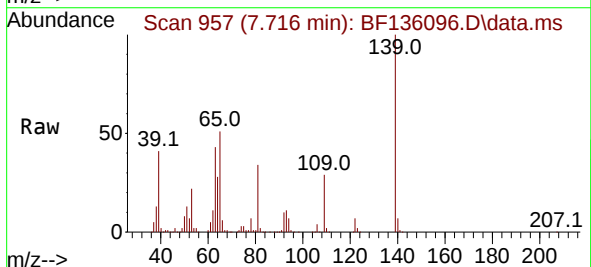
Instrument :
BNA_F
ClientSampleId :
PB156561BS

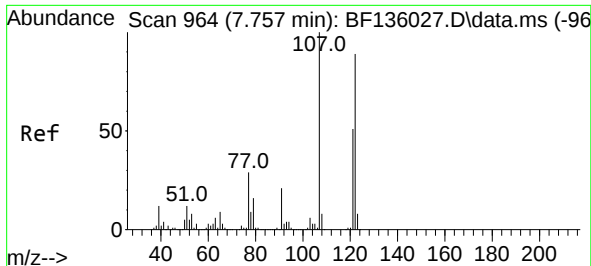
Tgt Ion: 82 Resp: 799743
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 19.7 15.3 22.9



#26
2-Nitrophenol
Concen: 53.018 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Tgt Ion:139 Resp: 225457
Ion Ratio Lower Upper
139 100
109 28.9 22.6 34.0
65 51.3 36.3 54.5

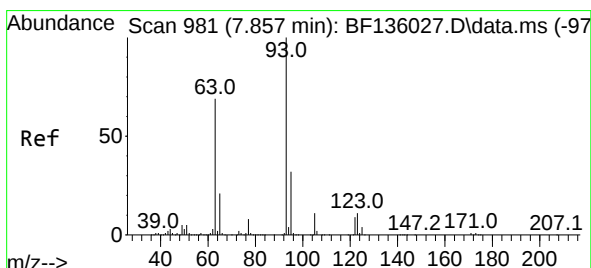
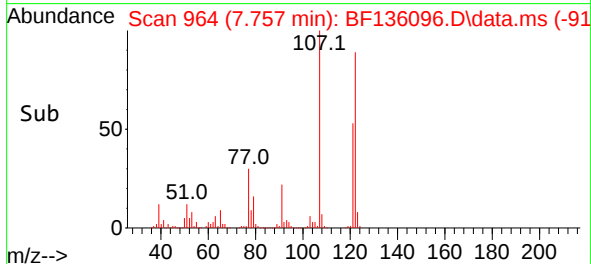
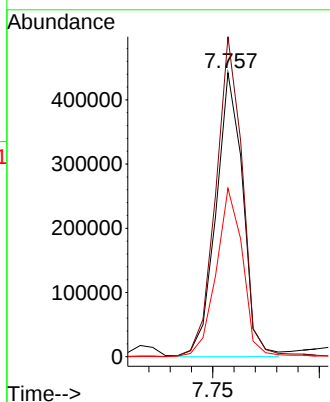
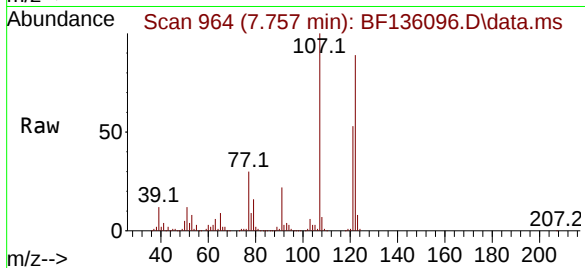




#27
2,4-Dimethylphenol
Concen: 48.081 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

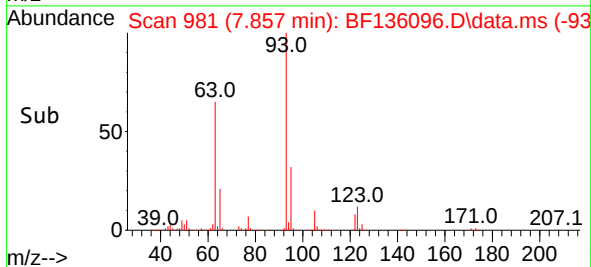
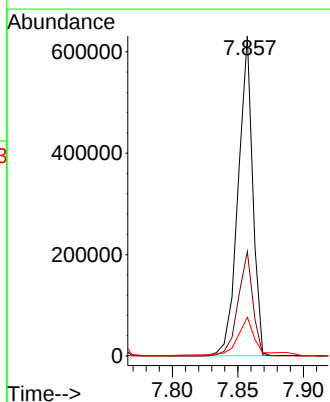
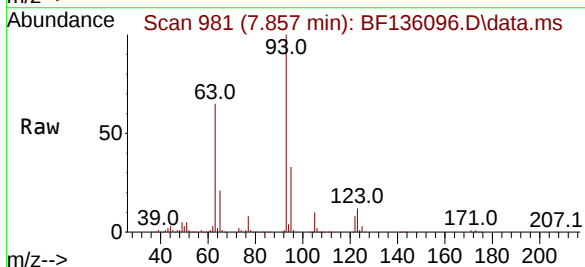
Instrument :
BNA_F
ClientSampleId :
PB156561BS

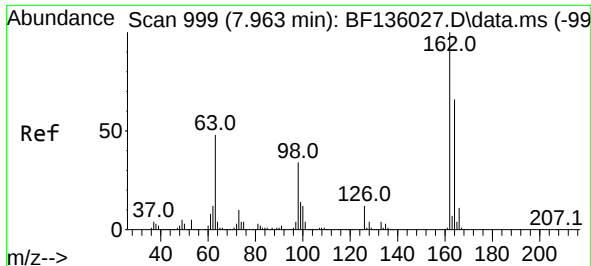
Tgt Ion:122 Resp: 386367
Ion Ratio Lower Upper
122 100
107 112.7 89.6 134.4
121 59.3 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.896 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Tgt Ion: 93 Resp: 489186
Ion Ratio Lower Upper
93 100
95 32.6 25.7 38.5
123 12.1 9.1 13.7

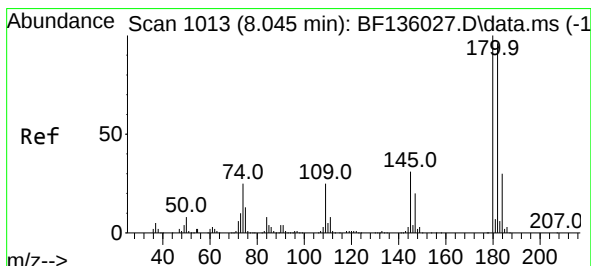
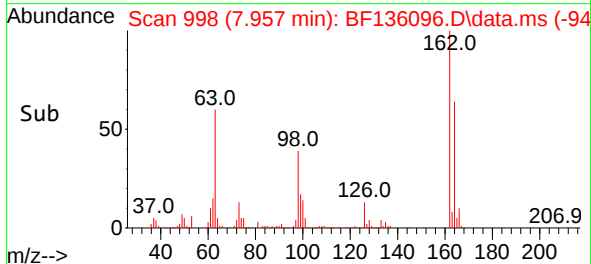
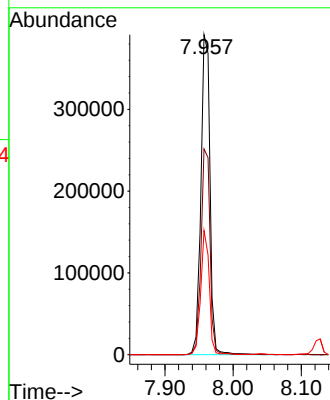
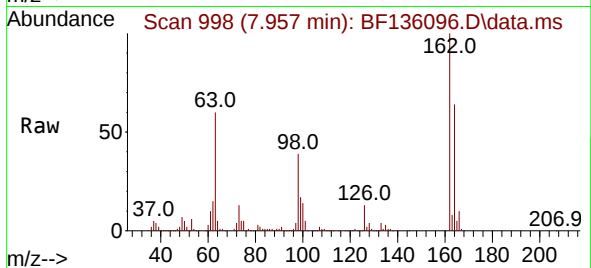




#29
2,4-Dichlorophenol
Concen: 47.851 ng
RT: 7.957 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

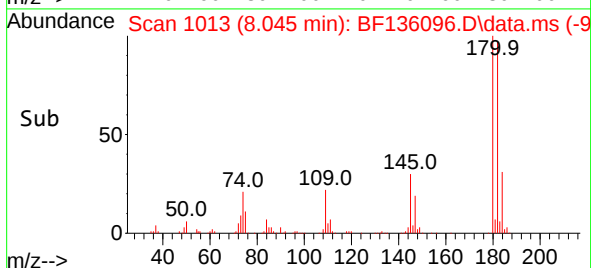
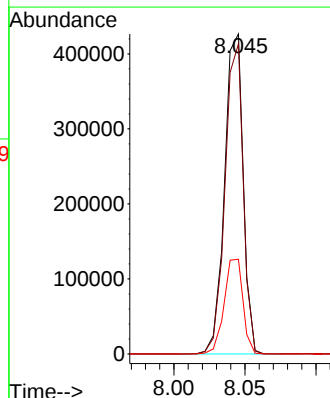
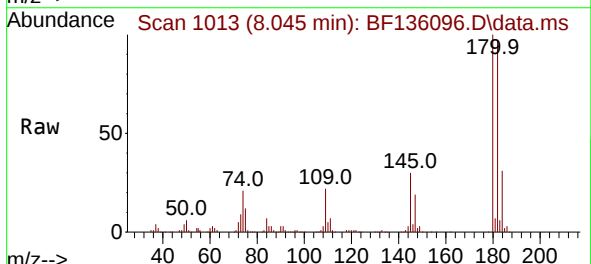
Instrument :
BNA_F
ClientSampleId :
PB156561BS

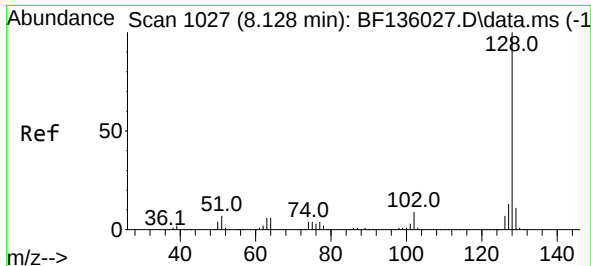
Tgt Ion:162 Resp: 362500
Ion Ratio Lower Upper
162 100
164 64.3 45.5 85.5
98 38.8 14.4 54.4



#30
1,2,4-Trichlorobenzene
Concen: 47.100 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

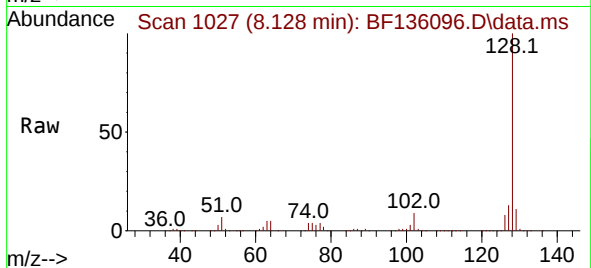
Tgt Ion:180 Resp: 389241
Ion Ratio Lower Upper
180 100
182 96.9 76.9 115.3
145 29.6 24.7 37.1



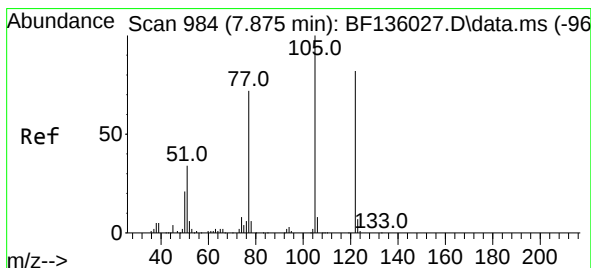
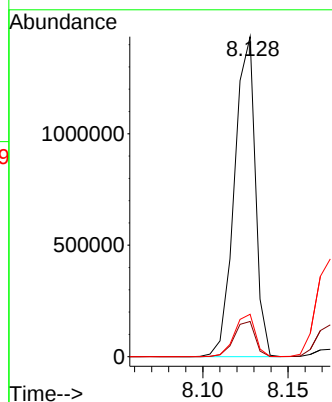
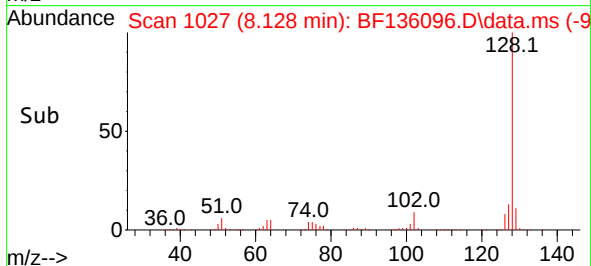


#31
Naphthalene
Concen: 45.618 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

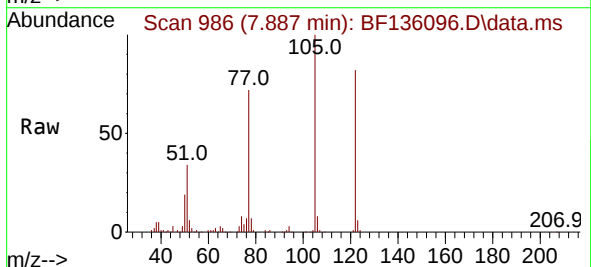
Instrument :
BNA_F
ClientSampleId :
PB156561BS



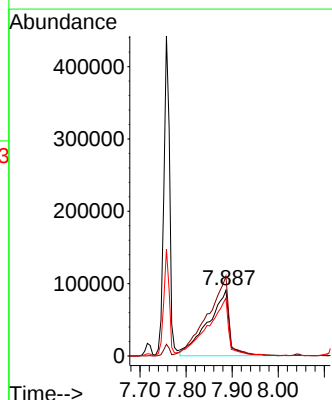
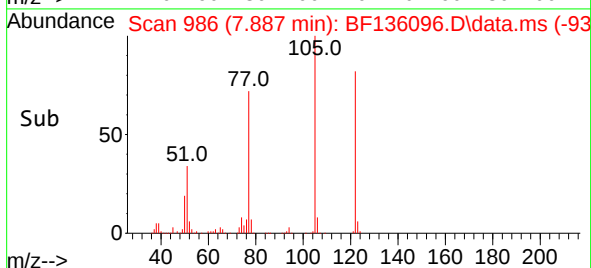
Tgt Ion:128 Resp: 1221899
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 46.240 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.012 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24



Tgt Ion:122 Resp: 296314
Ion Ratio Lower Upper
122 100
105 121.7 99.5 139.5
77 88.1 66.8 106.8





#33

4-Chloroaniline

Concen: 31.807 ng

RT: 8.175 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156561BS

Tgt Ion:127 Resp: 373108

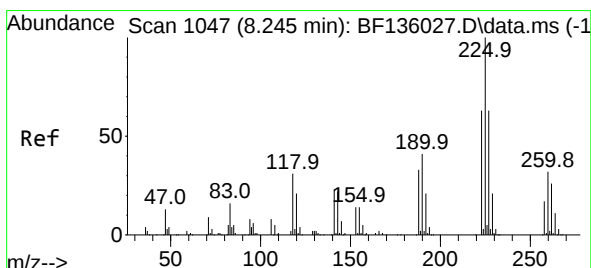
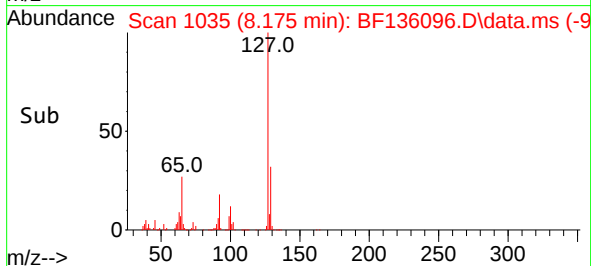
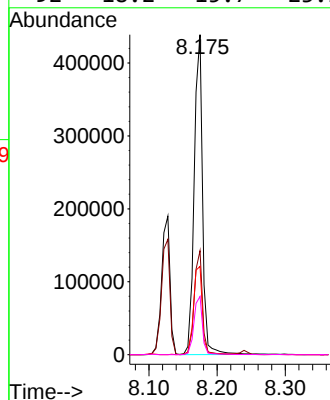
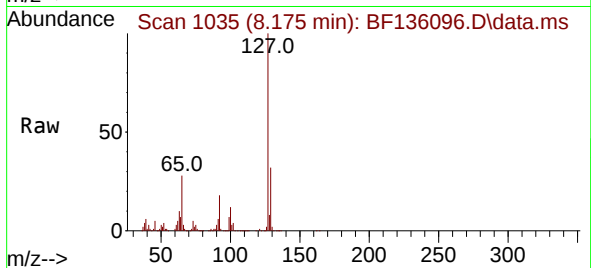
Ion Ratio Lower Upper

127 100

129 32.5 25.9 38.9

65 27.6 24.6 37.0

92 18.2 15.7 23.5



#34

Hexachlorobutadiene

Concen: 47.228 ng

RT: 8.239 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

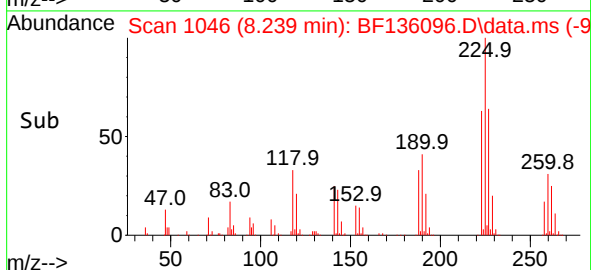
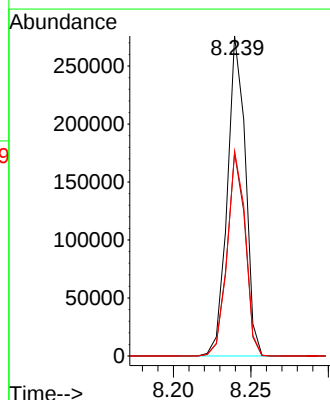
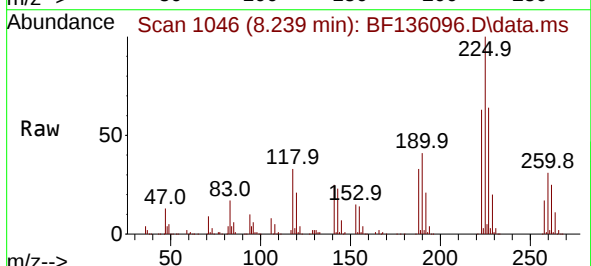
Tgt Ion:225 Resp: 223827

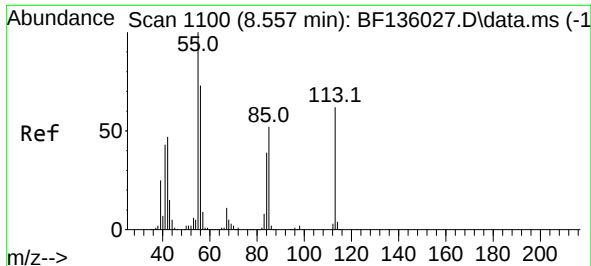
Ion Ratio Lower Upper

225 100

223 63.5 50.3 75.5

227 64.1 50.6 75.8

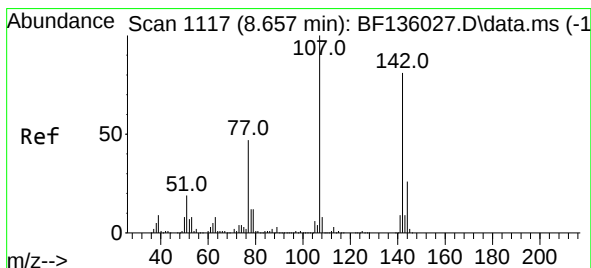
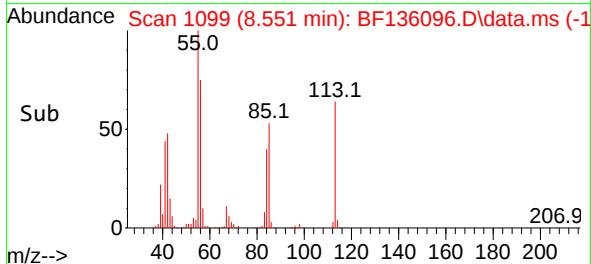
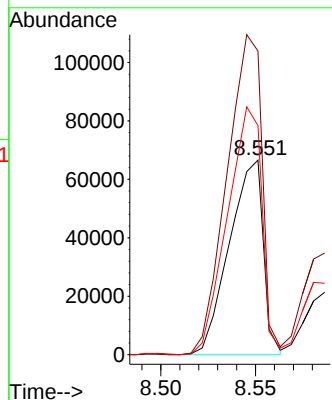
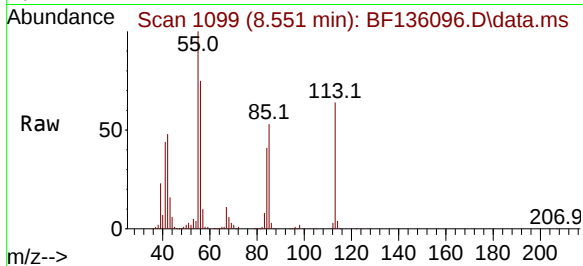




#35
 Caprolactam
 Concen: 33.527 ng
 RT: 8.551 min Scan# 1099
 Delta R.T. -0.006 min
 Lab File: BF136096.D
 Acq: 02 Nov 2023 15:24

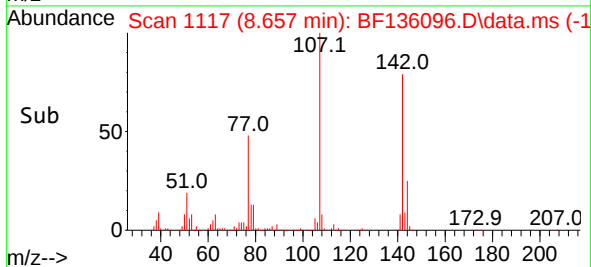
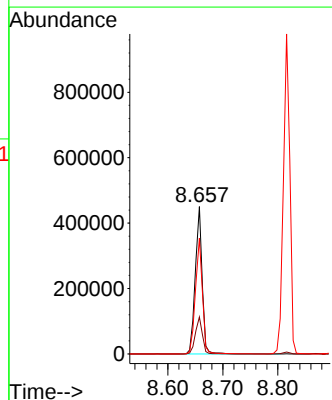
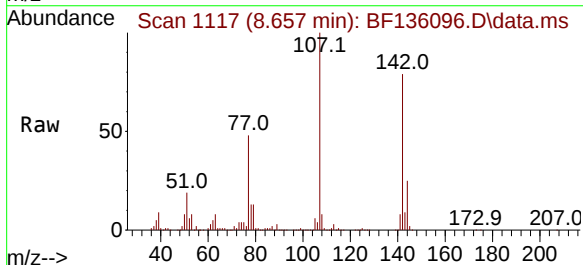
Instrument :
 BNA_F
 ClientSampleId :
 PB156561BS

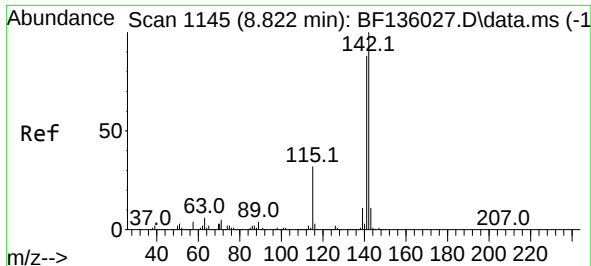
Tgt Ion:113 Resp: 82586
 Ion Ratio Lower Upper
 113 100
 55 156.1 142.2 182.2
 56 117.8 97.7 137.7



#36
 4-Chloro-3-methylphenol
 Concen: 49.151 ng
 RT: 8.657 min Scan# 1117
 Delta R.T. 0.000 min
 Lab File: BF136096.D
 Acq: 02 Nov 2023 15:24

Tgt Ion:107 Resp: 390910
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.6 31.0
 142 78.6 64.6 97.0

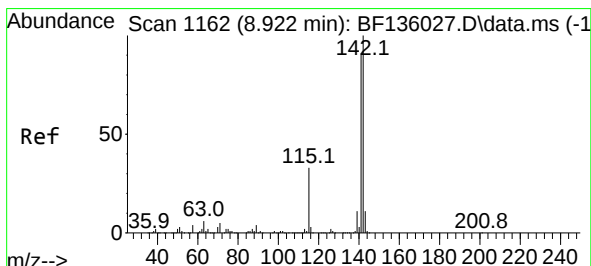
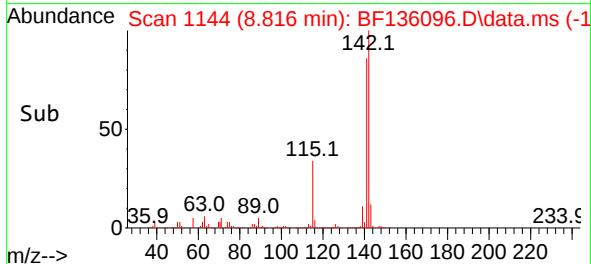
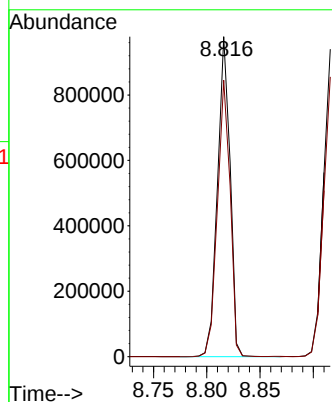
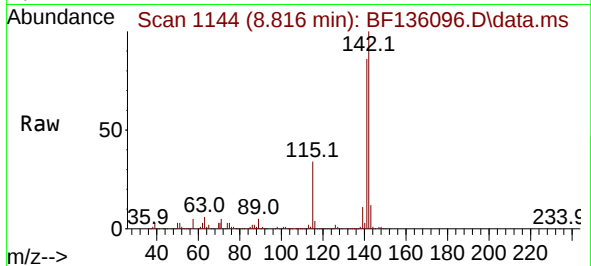




#37
2-Methylnaphthalene
Concen: 44.600 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

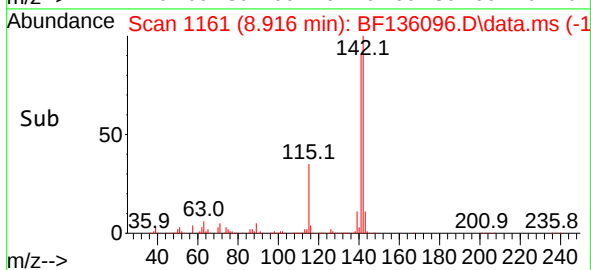
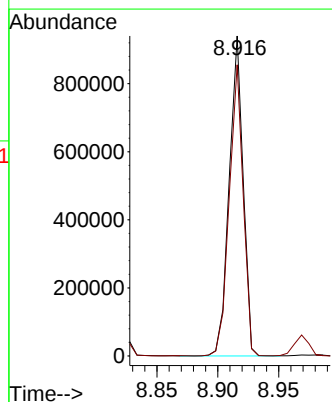
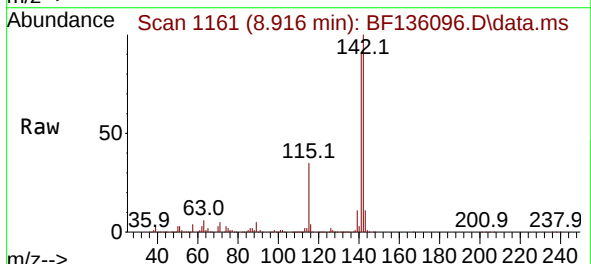
Instrument :
BNA_F
ClientSampleId :
PB156561BS

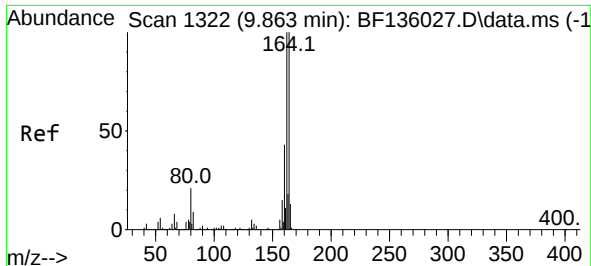
Tgt Ion:142 Resp: 801020
Ion Ratio Lower Upper
142 100
141 86.4 70.4 105.6



#38
1-Methylnaphthalene
Concen: 44.807 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Tgt Ion:142 Resp: 748913
Ion Ratio Lower Upper
142 100
141 91.0 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: BF136096.D

Acq: 02 Nov 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156561BS

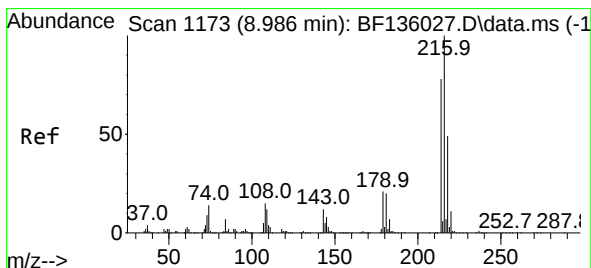
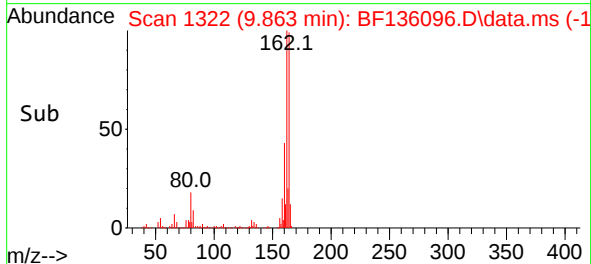
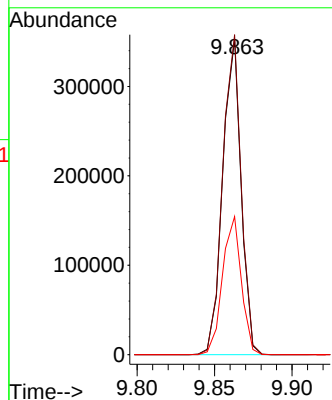
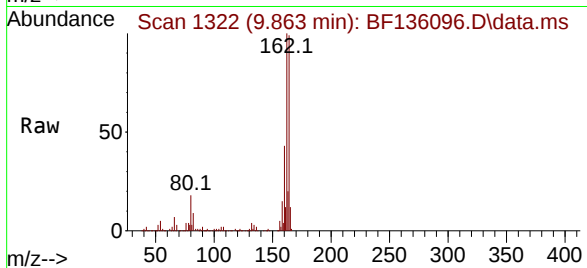
Tgt Ion:164 Resp: 290728

Ion Ratio Lower Upper

164 100

162 101.4 80.1 120.1

160 43.8 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.619 ng

RT: 8.986 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

Tgt Ion:216 Resp: 378238

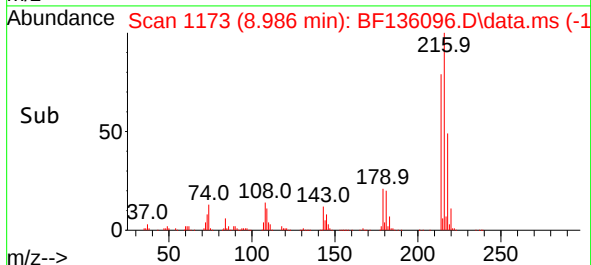
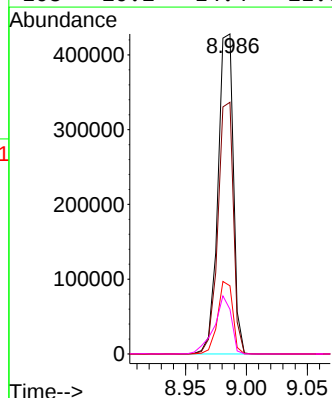
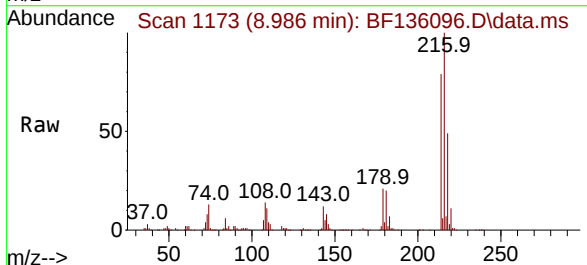
Ion Ratio Lower Upper

216 100

214 78.7 63.8 95.6

179 22.1 17.5 26.3

108 20.2 14.4 21.6

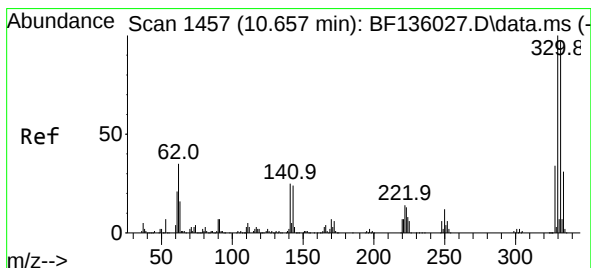
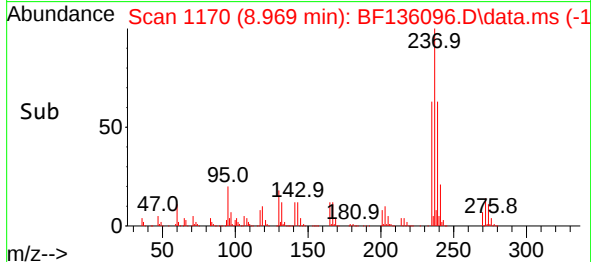
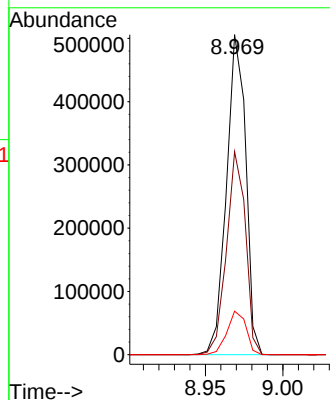
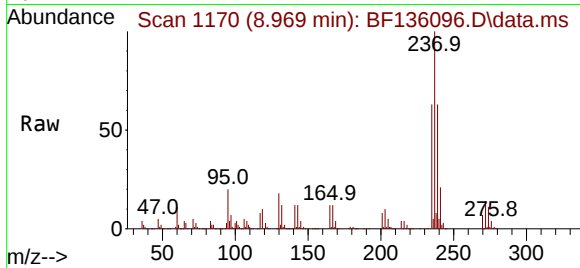




#41
Hexachlorocyclopentadiene
Concen: 98.926 ng
RT: 8.969 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

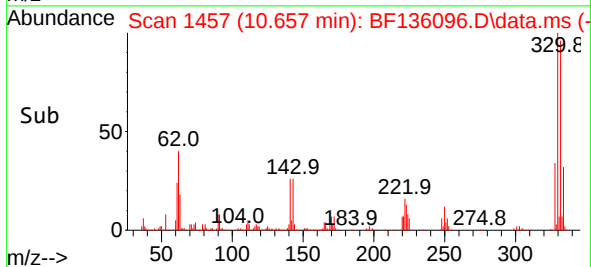
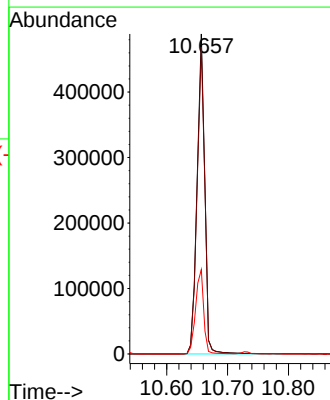
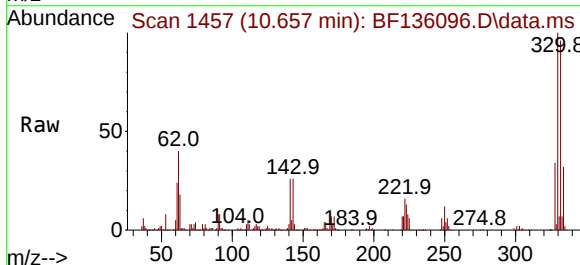
Instrument :
BNA_F
ClientSampleId :
PB156561BS

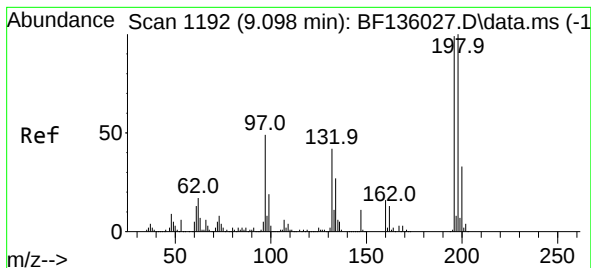
Tgt Ion: 237 Resp: 438204
Ion Ratio Lower Upper
237 100
235 63.5 43.3 83.3
272 13.6 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 138.022 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Tgt Ion: 330 Resp: 428305
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 28.0 23.2 34.8





#43

2,4,6-Trichlorophenol

Concen: 48.528 ng

RT: 9.092 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156561BS

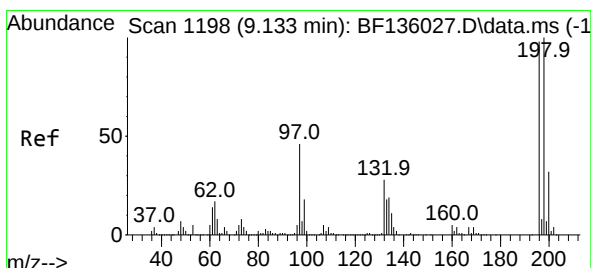
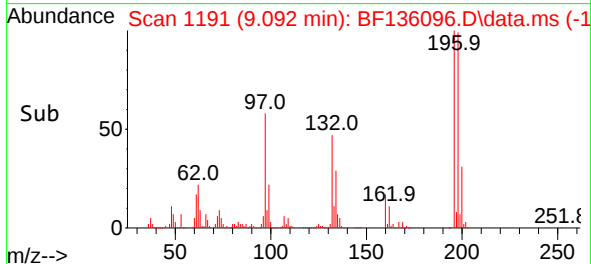
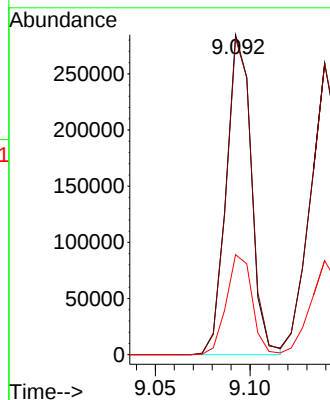
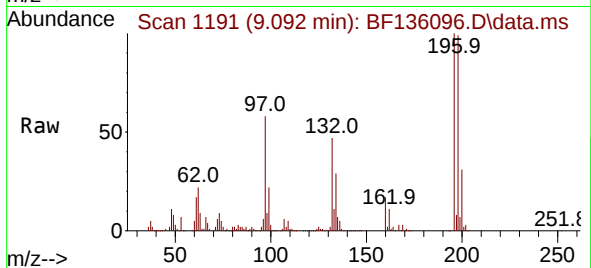
Tgt Ion:196 Resp: 262343

Ion Ratio Lower Upper

196 100

198 98.9 80.7 121.1

200 31.2 26.8 40.2



#44

2,4,5-Trichlorophenol

Concen: 45.233 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

Tgt Ion:196 Resp: 283263

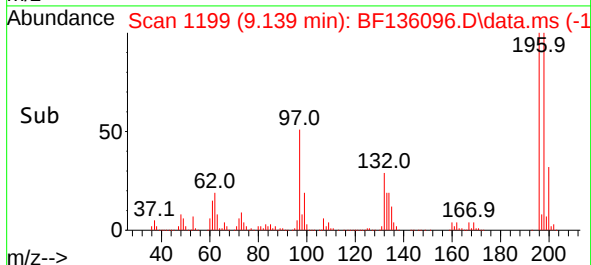
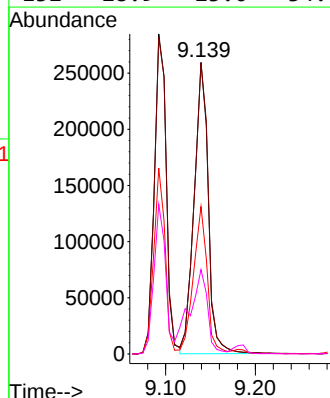
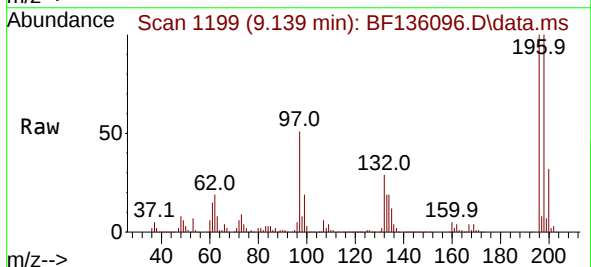
Ion Ratio Lower Upper

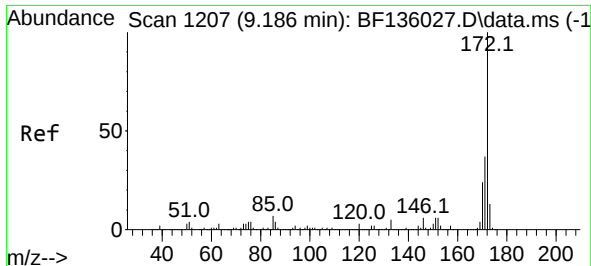
196 100

198 99.9 81.6 122.4

97 50.5 38.2 57.2

132 28.9 23.0 34.4

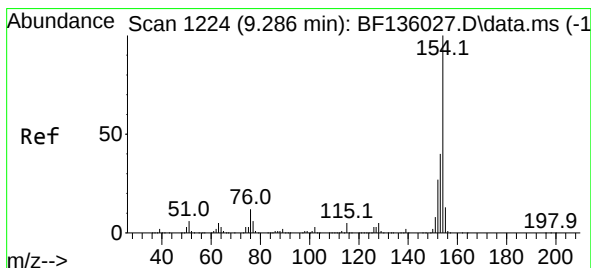
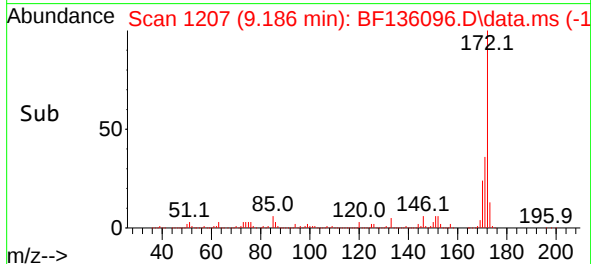
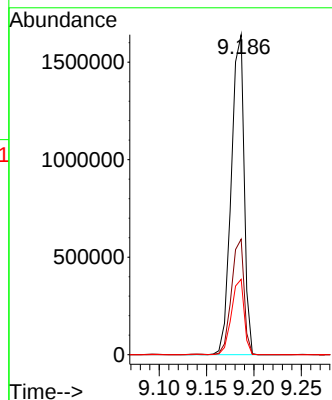
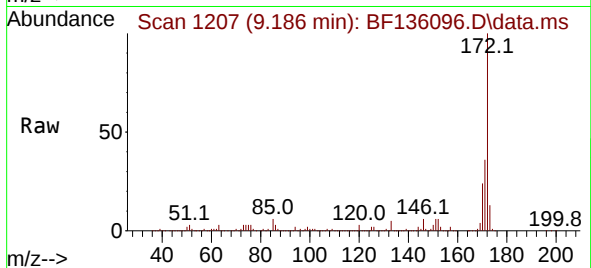




#45
2-Fluorobiphenyl
Concen: 85.131 ng
RT: 9.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

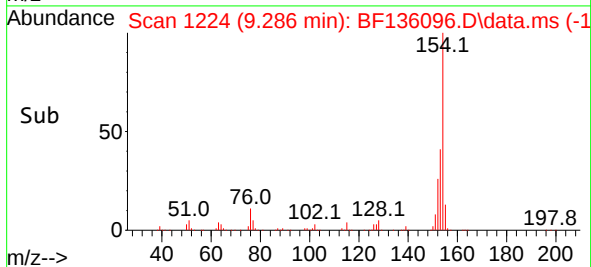
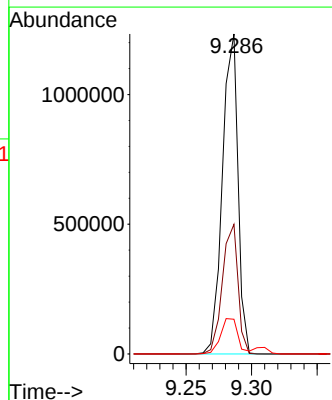
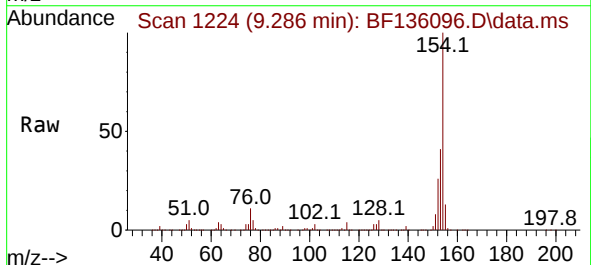
Instrument :
BNA_F
ClientSampleId :
PB156561BS

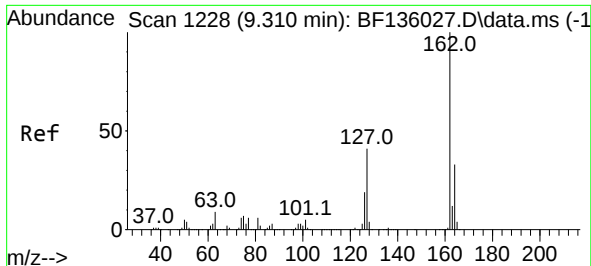
Tgt Ion:172 Resp: 1552593
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 23.5 19.3 28.9



#46
1,1'-Biphenyl
Concen: 45.743 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Tgt Ion:154 Resp: 1013782
Ion Ratio Lower Upper
154 100
153 40.5 20.1 60.1
76 10.9 0.0 32.5

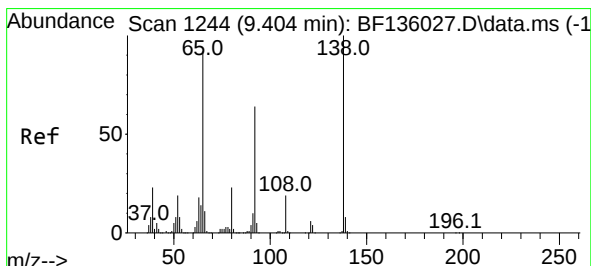
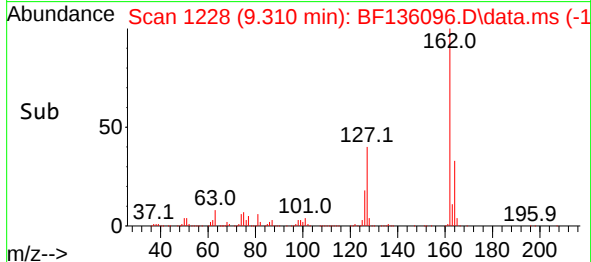
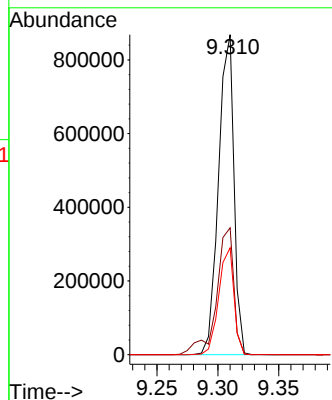
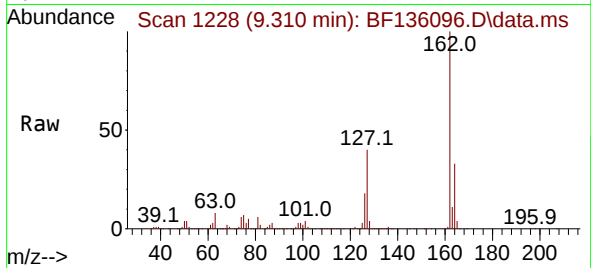




#47
2-Chloronaphthalene
Concen: 46.827 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

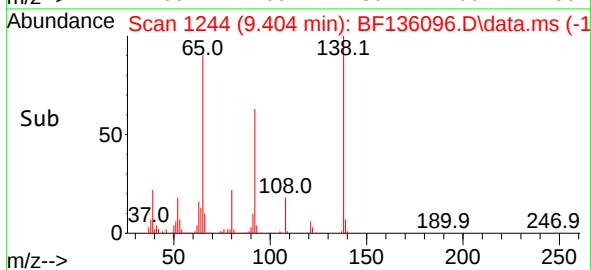
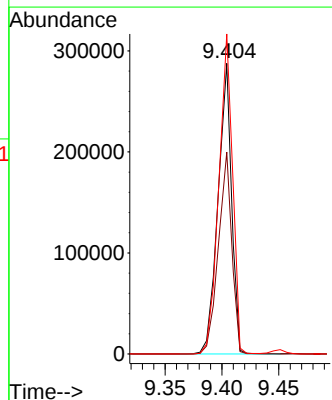
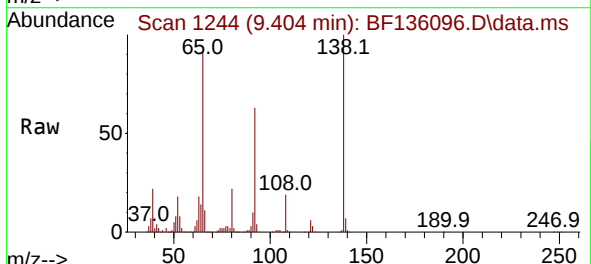
Instrument :
BNA_F
ClientSampleId :
PB156561BS

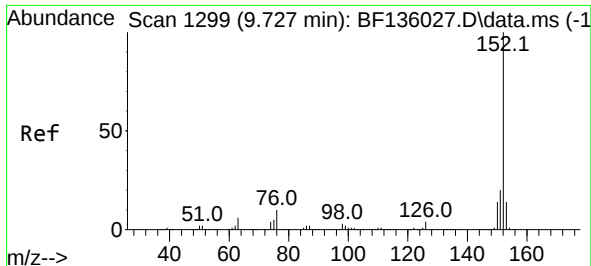
Tgt Ion:162 Resp: 765066
Ion Ratio Lower Upper
162 100
127 39.6 32.4 48.6
164 33.4 26.7 40.1



#48
2-Nitroaniline
Concen: 49.639 ng
RT: 9.404 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Tgt Ion: 65 Resp: 240015
Ion Ratio Lower Upper
65 100
92 69.5 55.7 83.5
138 110.1 86.8 130.2





#49

Acenaphthylene

Concen: 45.821 ng

RT: 9.722 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156561BS

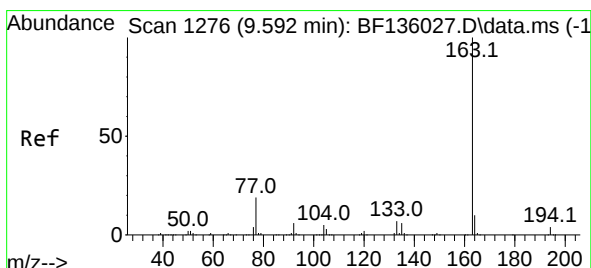
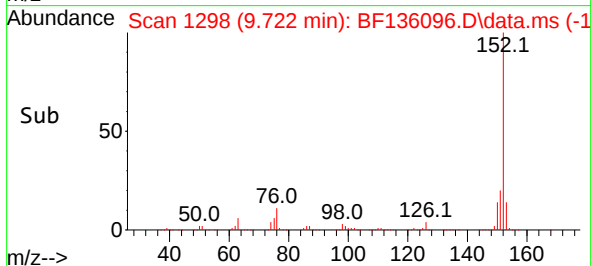
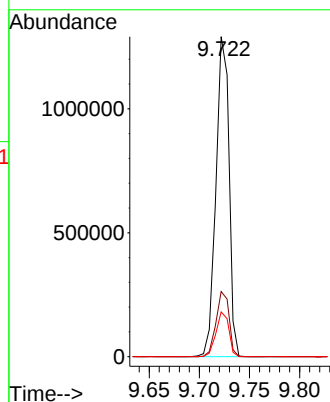
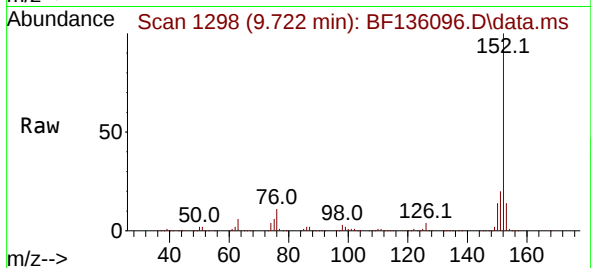
Tgt Ion:152 Resp: 1167888

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

153 14.0 11.4 17.2



#50

Dimethylphthalate

Concen: 46.355 ng

RT: 9.592 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

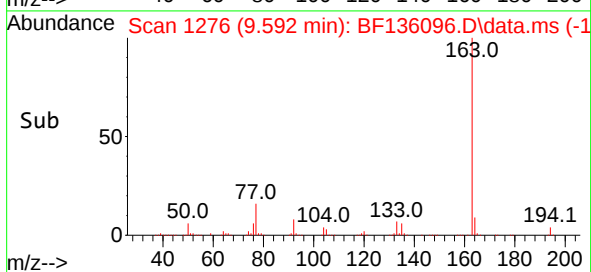
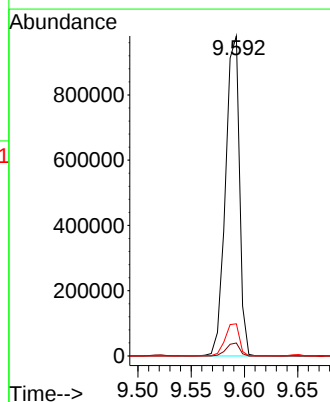
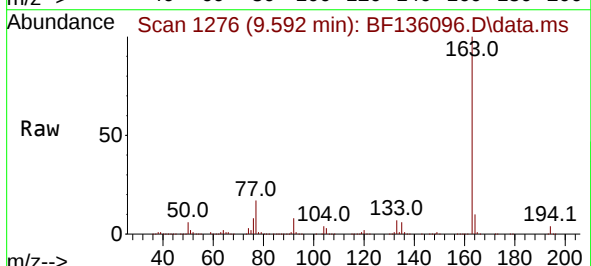
Tgt Ion:163 Resp: 888944

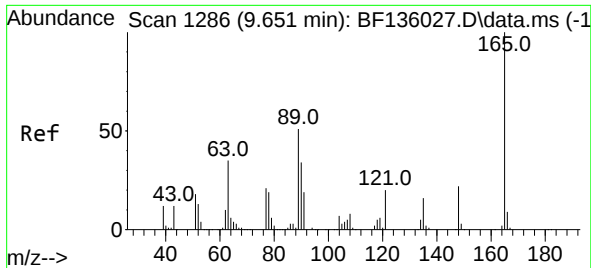
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.1 8.1 12.1

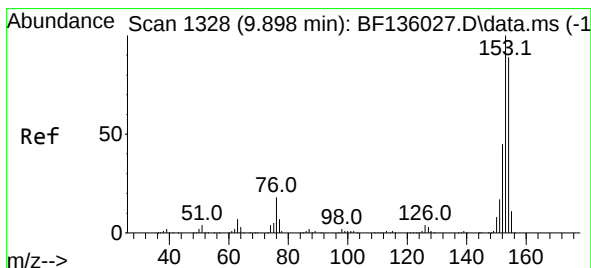
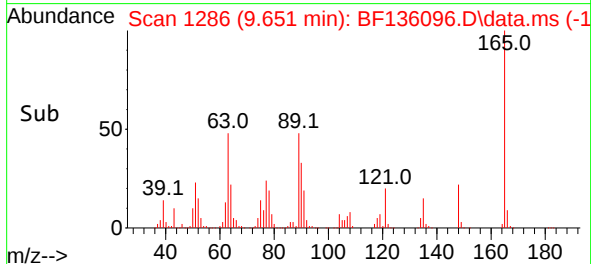
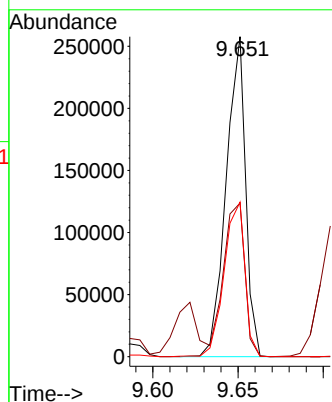
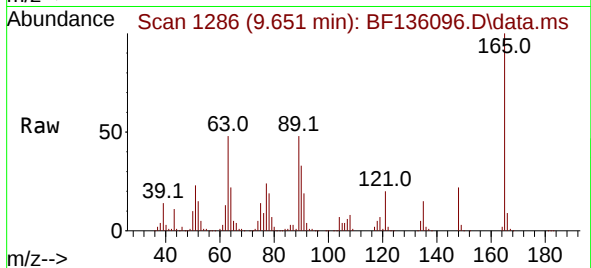




#51
2,6-Dinitrotoluene
Concen: 49.739 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

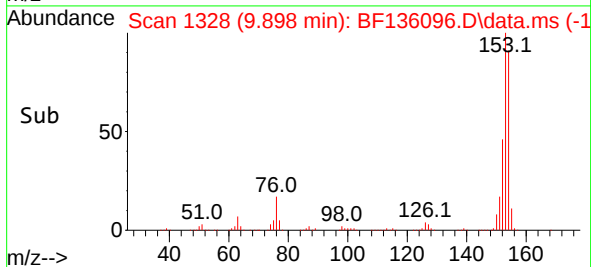
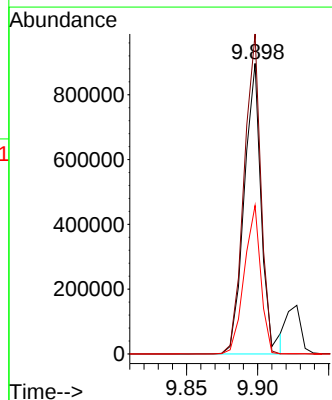
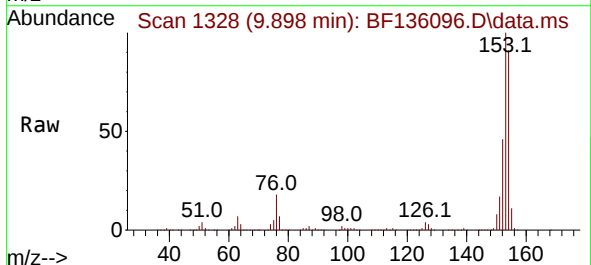
Instrument :
BNA_F
ClientSampleId :
PB156561BS

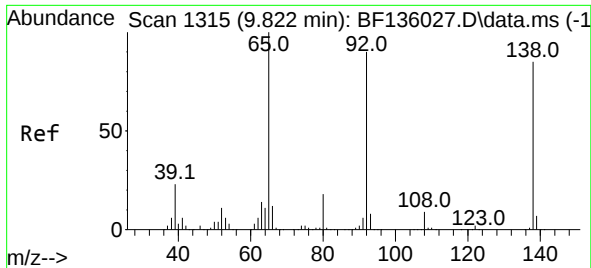
Tgt Ion:165 Resp: 204004
Ion Ratio Lower Upper
165 100
63 48.0 40.8 61.2
89 48.3 41.1 61.7



#52
Acenaphthene
Concen: 46.470 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Tgt Ion:154 Resp: 752960
Ion Ratio Lower Upper
154 100
153 110.2 89.9 134.9
152 51.1 40.2 60.2

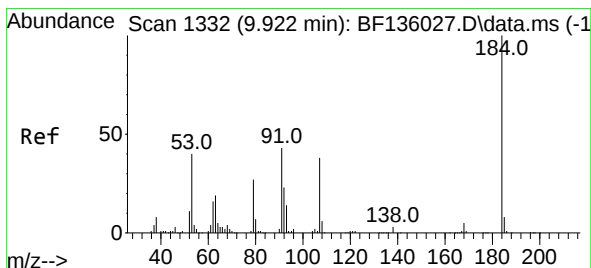
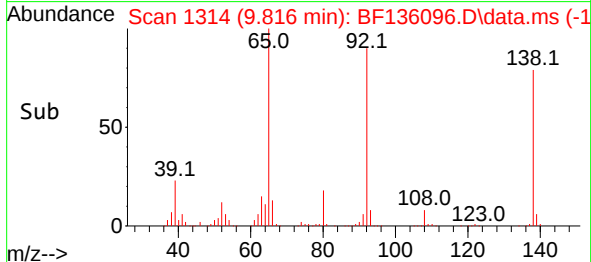
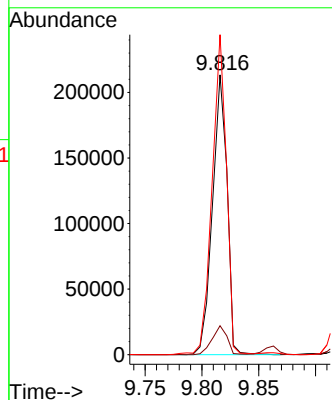
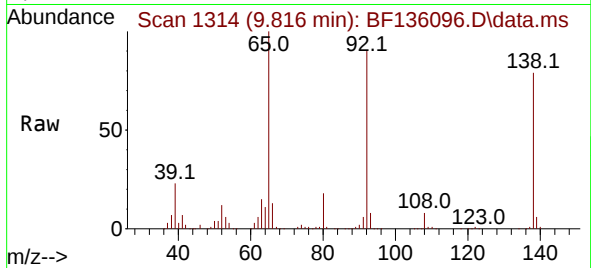




#53
3-Nitroaniline
Concen: 39.740 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

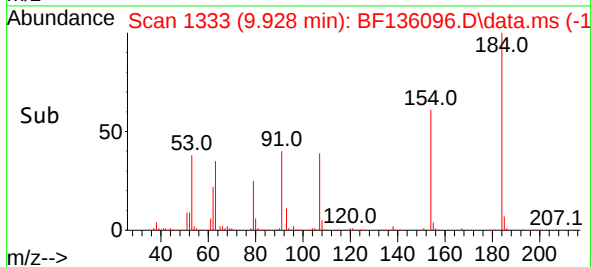
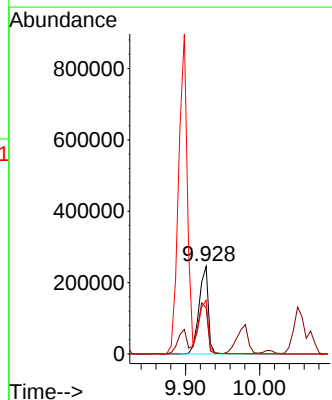
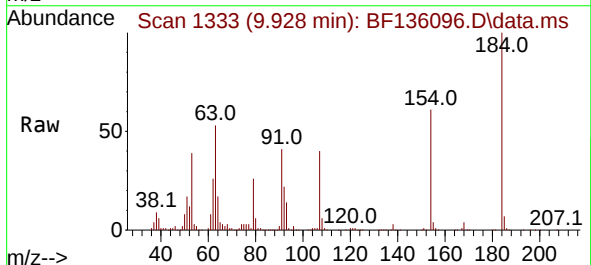
Instrument :
BNA_F
ClientSampleId :
PB156561BS

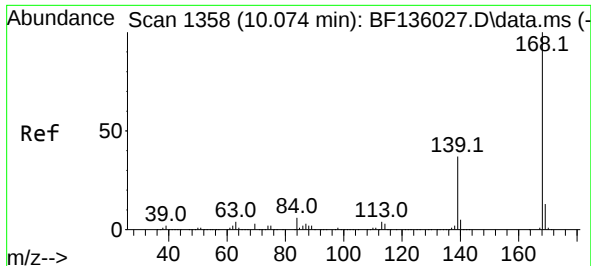
Tgt Ion:138 Resp: 190183
Ion Ratio Lower Upper
138 100
108 10.3 8.8 13.2
92 114.3 84.6 126.8



#54
2,4-Dinitrophenol
Concen: 94.004 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Tgt Ion:184 Resp: 212412
Ion Ratio Lower Upper
184 100
63 52.8 43.7 65.5
154 61.2 51.2 76.8

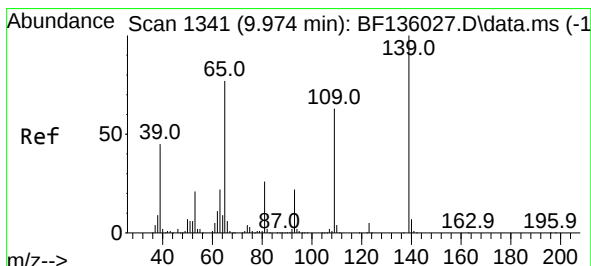
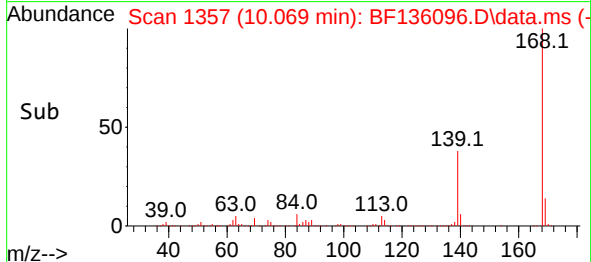
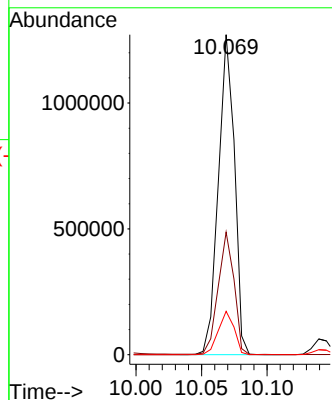
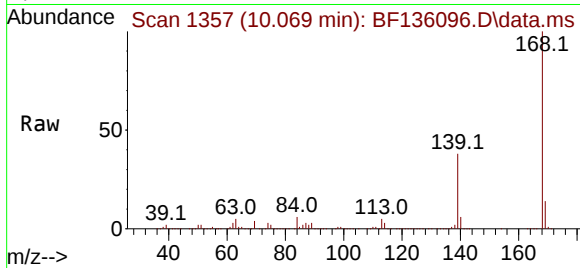




#55
Dibenzenofuran
Concen: 45.736 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

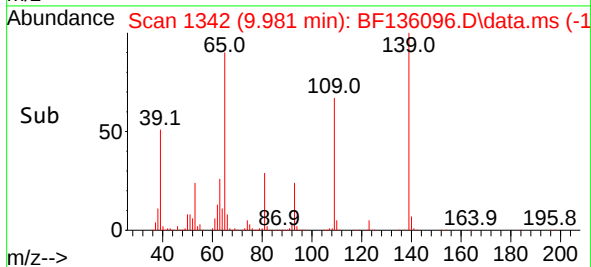
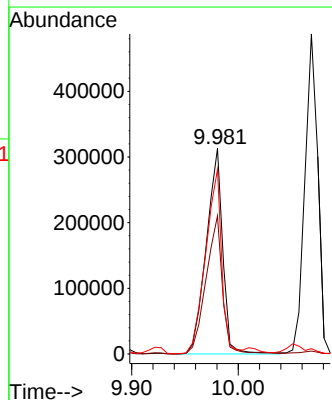
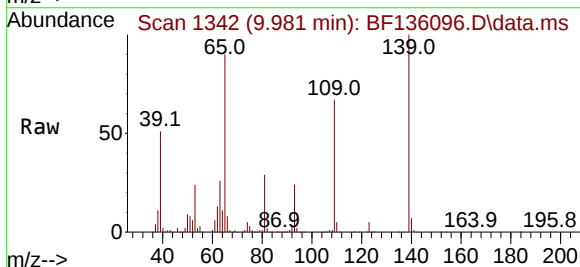
Instrument :
BNA_F
ClientSampleId :
PB156561BS

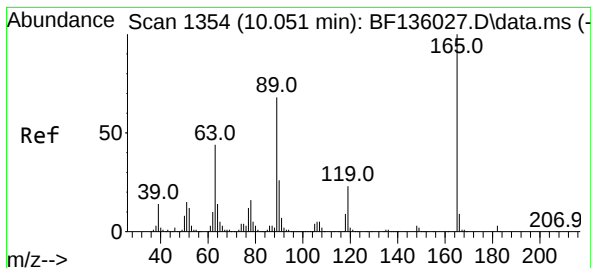
Tgt Ion:168 Resp: 1080574
Ion Ratio Lower Upper
168 100
139 38.3 29.4 44.0
169 13.5 10.5 15.7



#56
4-Nitrophenol
Concen: 94.264 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Tgt Ion:139 Resp: 337445
Ion Ratio Lower Upper
139 100
109 67.2 43.2 83.2
65 89.8 57.6 97.6

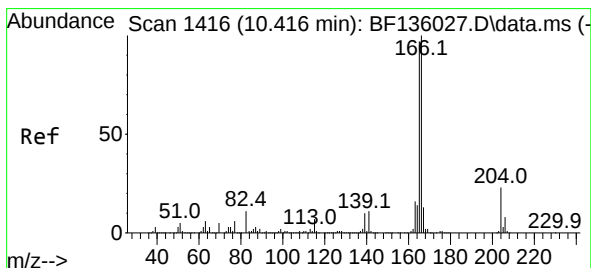
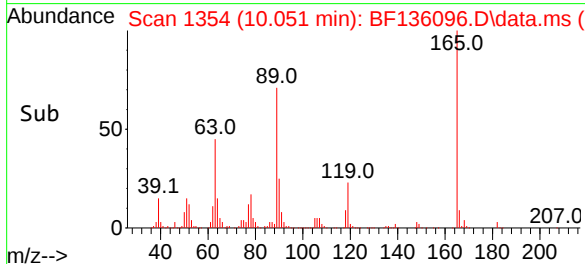
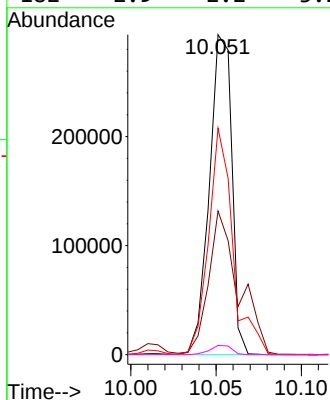
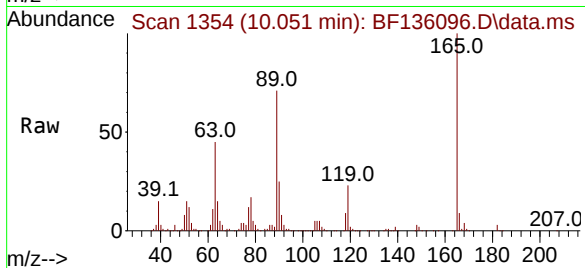




#57
2,4-Dinitrotoluene
Concen: 51.789 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

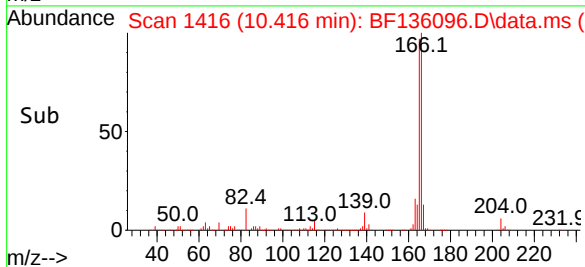
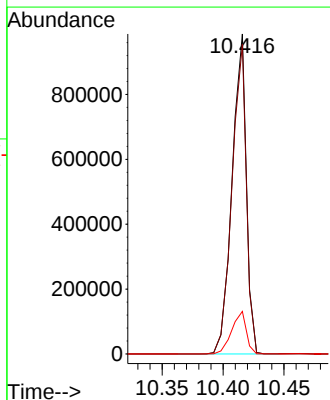
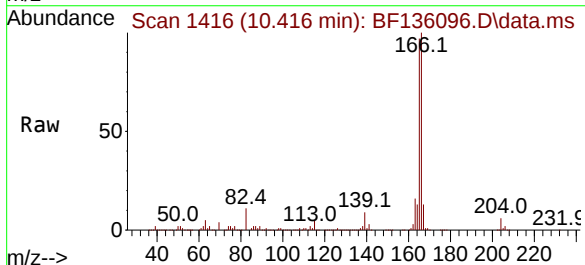
Instrument :
BNA_F
ClientSampleId :
PB156561BS

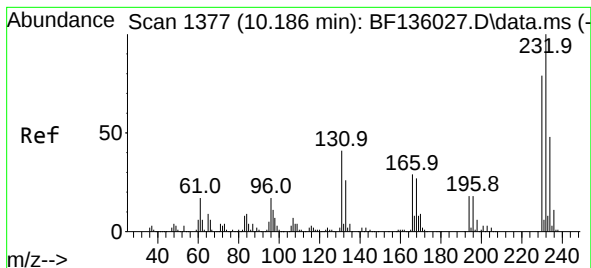
Tgt Ion:	165	Resp:	268754
Ion	Ratio	Lower	Upper
165	100		
63	44.9	35.2	52.8
89	70.8	54.8	82.2
182	2.9	2.2	3.2



#58
Fluorene
Concen: 45.458 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Tgt Ion:	166	Resp:	804145
Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.7	116.5
167	13.3	10.6	16.0

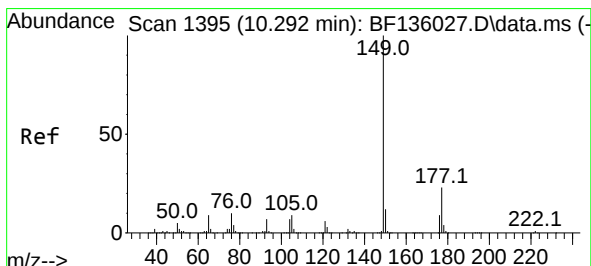
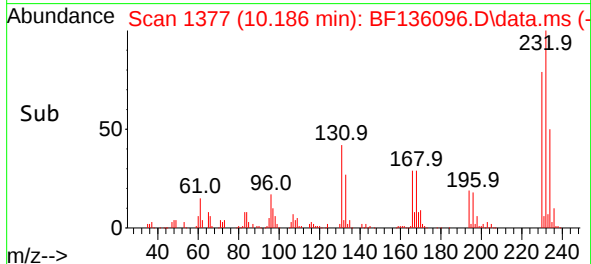
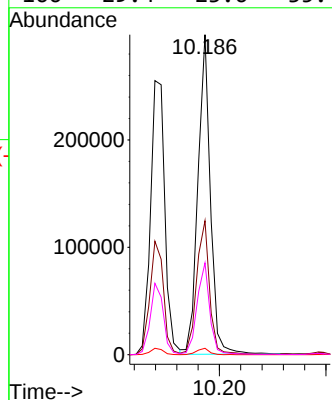
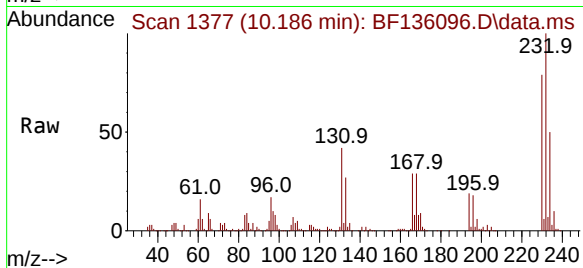




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.635 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

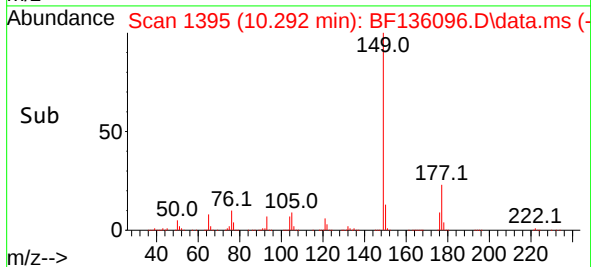
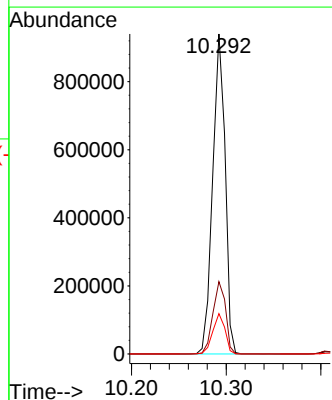
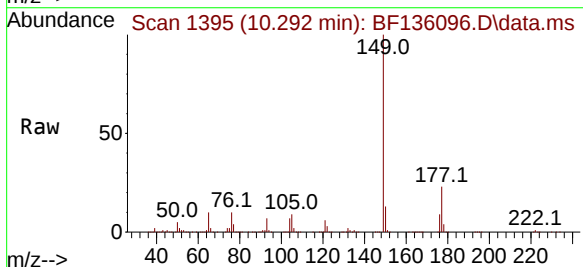
Instrument :
BNA_F
ClientSampleId :
PB156561BS

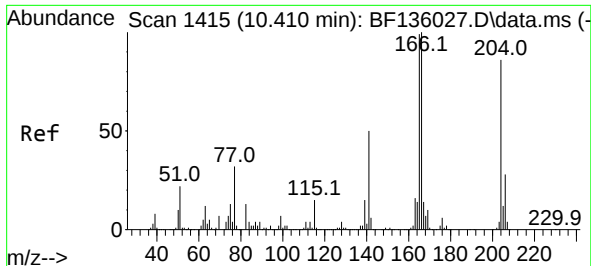
Tgt Ion:232 Resp: 242140
Ion Ratio Lower Upper
232 100
131 43.5 34.6 52.0
130 2.0 1.6 2.4
166 29.4 23.6 35.4



#60
Diethylphthalate
Concen: 46.622 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Tgt Ion:149 Resp: 854243
Ion Ratio Lower Upper
149 100
177 22.6 18.2 27.4
150 12.6 9.9 14.9

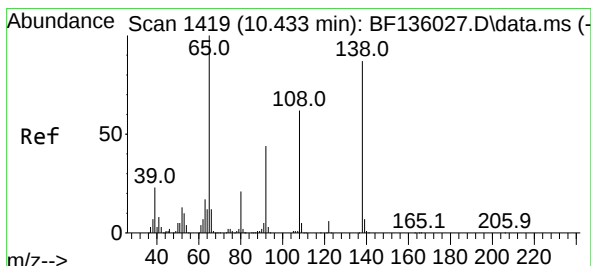
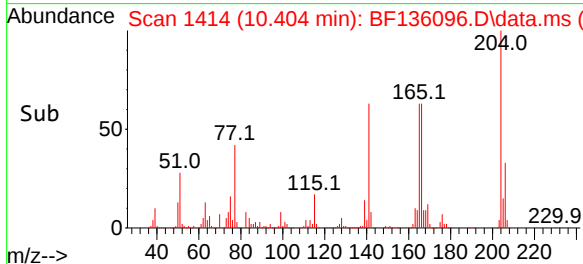
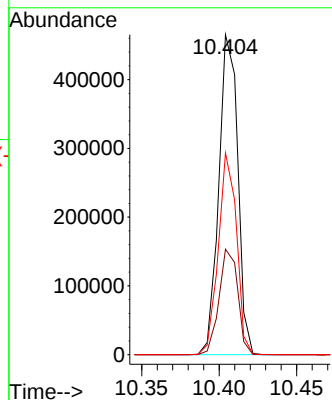
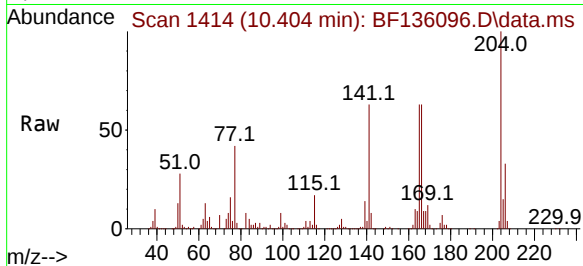




#61
4-Chlorophenyl-phenylether
Concen: 44.842 ng
RT: 10.404 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

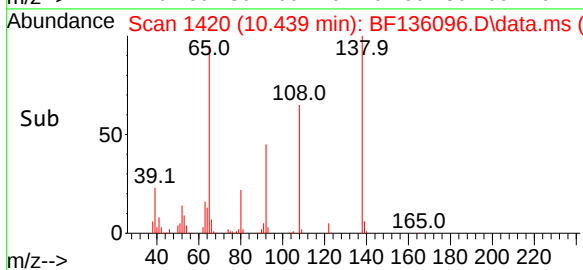
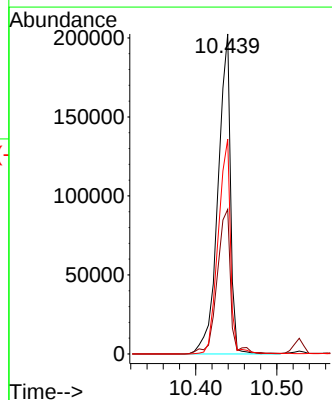
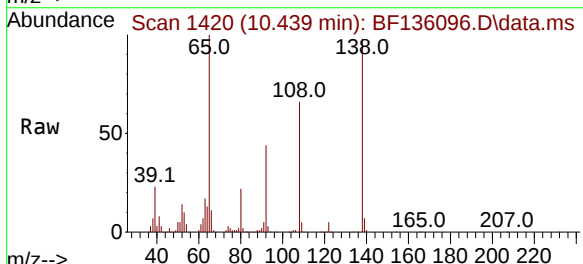
Instrument :
BNA_F
ClientSampleId :
PB156561BS

Tgt Ion:204 Resp: 395969
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 63.1 46.8 70.2



#62
4-Nitroaniline
Concen: 47.041 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Tgt Ion:138 Resp: 216777
Ion Ratio Lower Upper
138 100
92 45.2 30.6 70.6
108 67.1 51.5 91.5





#63

Azobenzene

Concen: 45.685 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156561BS

Tgt Ion: 77 Resp: 806162

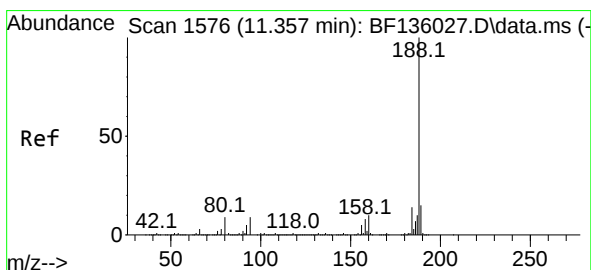
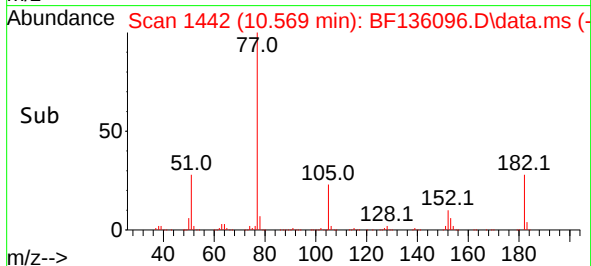
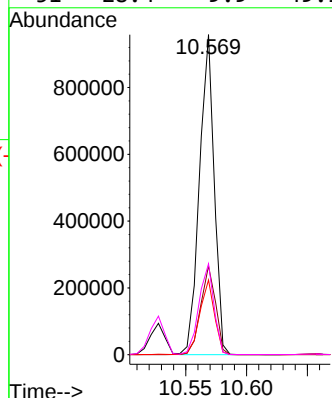
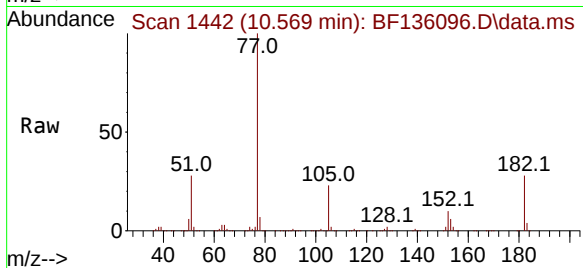
Ion Ratio Lower Upper

77 100

182 27.8 5.0 45.0

105 23.3 2.6 42.6

51 28.4 9.9 49.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.006 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

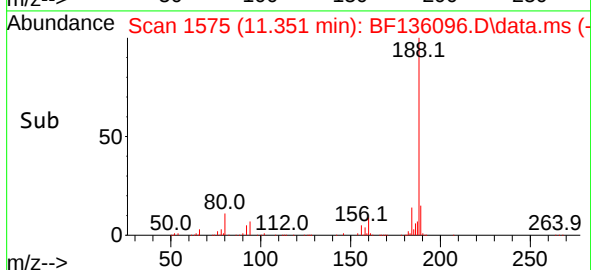
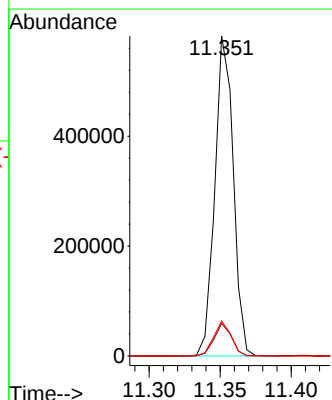
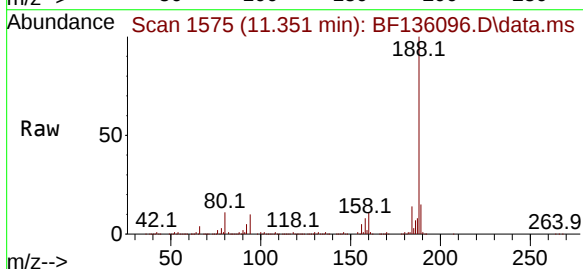
Tgt Ion: 188 Resp: 526012

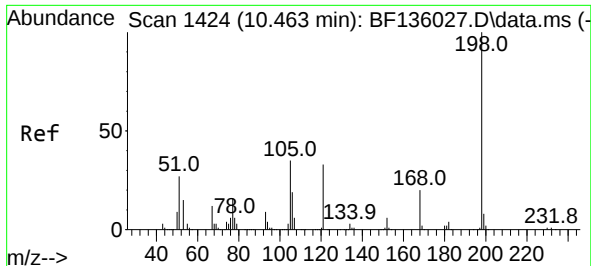
Ion Ratio Lower Upper

188 100

94 10.2 7.2 10.8

80 11.0 7.4 11.0

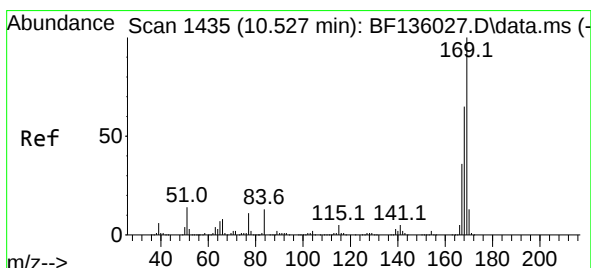
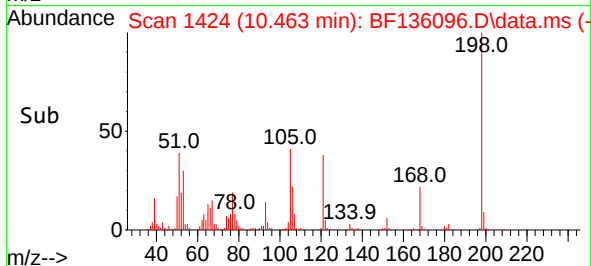
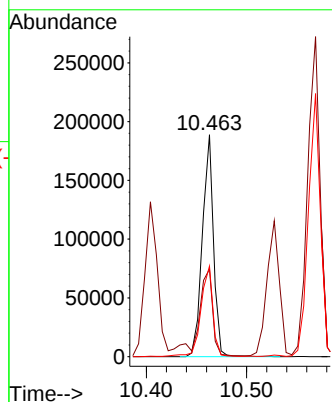
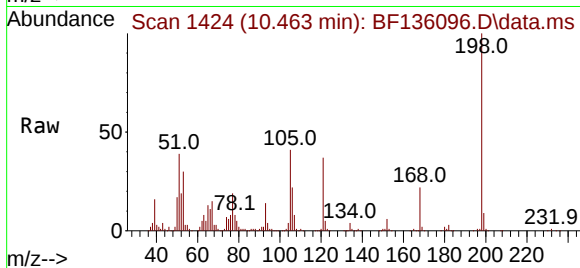




#65
4,6-Dinitro-2-methylphenol
Concen: 50.344 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

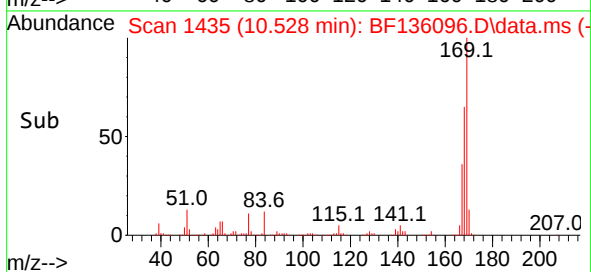
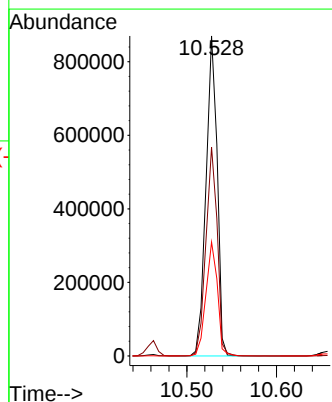
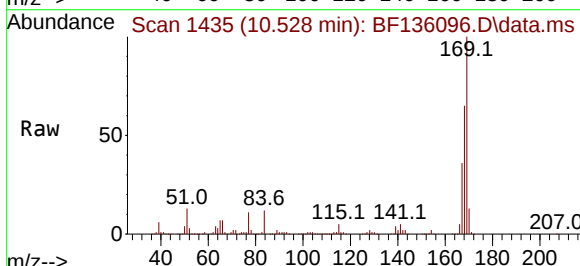
Instrument :
BNA_F
ClientSampleId :
PB156561BS

Tgt Ion:198 Resp: 146437
Ion Ratio Lower Upper
198 100
51 39.5 12.9 52.9
105 40.8 16.0 56.0



#66
n-Nitrosodiphenylamine
Concen: 47.380 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Tgt Ion:169 Resp: 751821
Ion Ratio Lower Upper
169 100
168 65.2 52.2 78.2
167 35.6 28.7 43.1

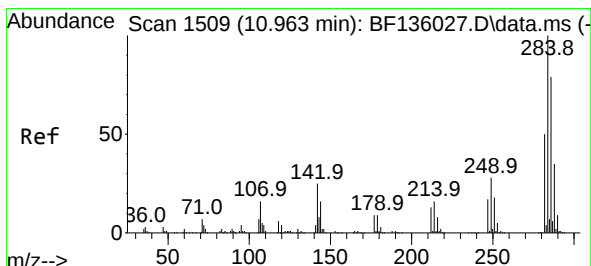
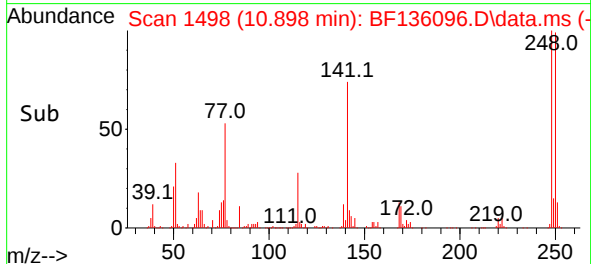
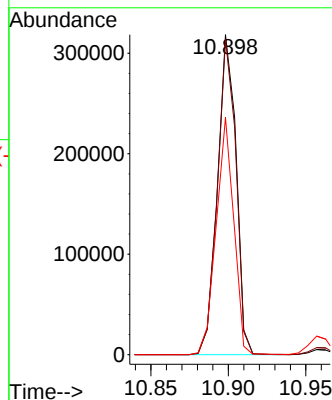
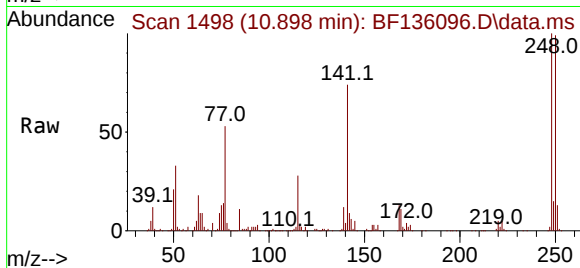




#67
4-Bromophenyl-phenylether
Concen: 48.325 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

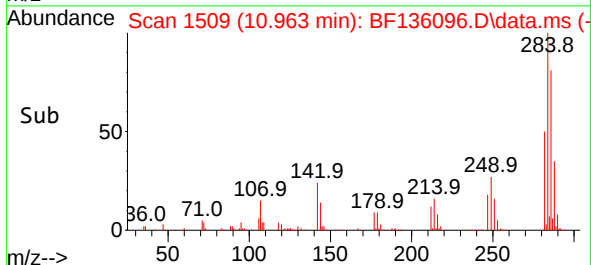
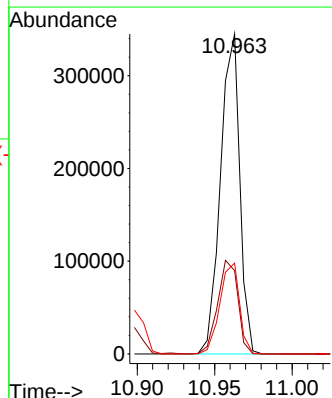
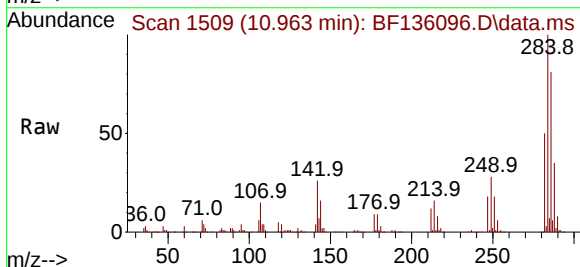
Instrument :
BNA_F
ClientSampleId :
PB156561BS

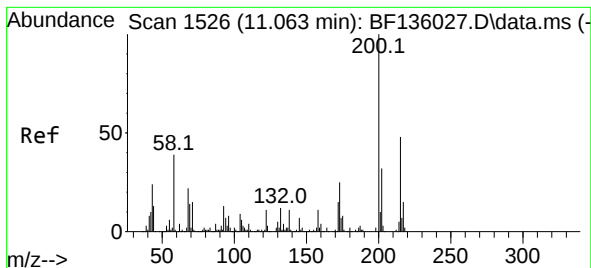
Tgt Ion:248 Resp: 266508
Ion Ratio Lower Upper
248 100
250 98.7 77.6 116.4
141 74.2 50.4 75.6



#68
Hexachlorobenzene
Concen: 50.645 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Tgt Ion:284 Resp: 298295
Ion Ratio Lower Upper
284 100
142 26.1 20.2 30.4
249 28.4 22.6 33.8





#69

Atrazine

Concen: 38.258 ng

RT: 11.057 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156561BS

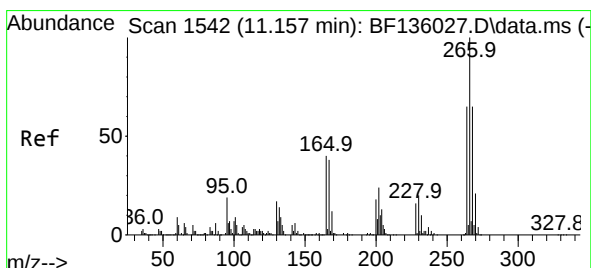
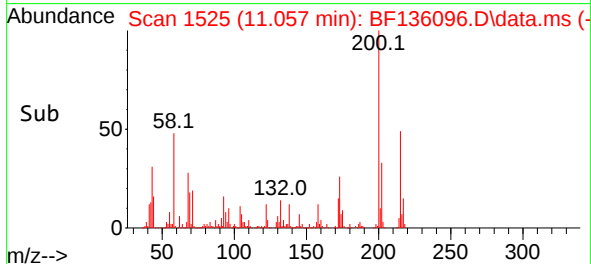
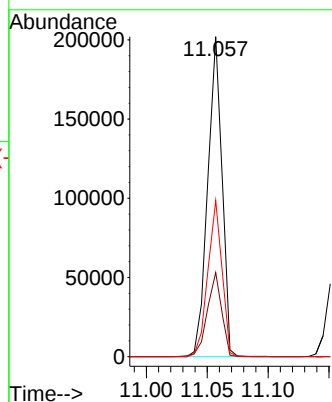
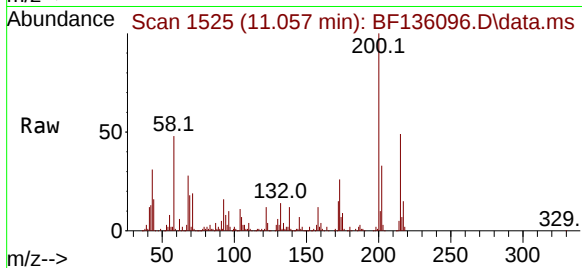
Tgt Ion:200 Resp: 165172

Ion Ratio Lower Upper

200 100

173 26.3 5.2 45.2

215 48.8 28.4 68.4



#70

Pentachlorophenol

Concen: 87.056 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.000 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

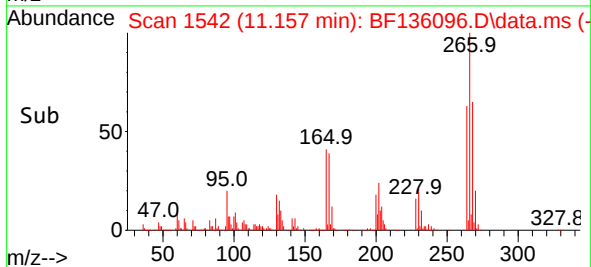
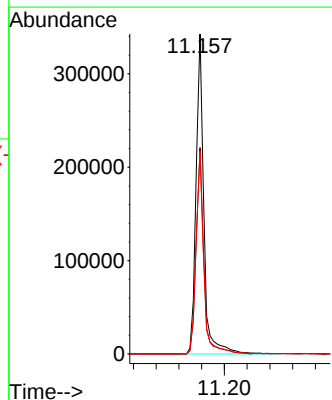
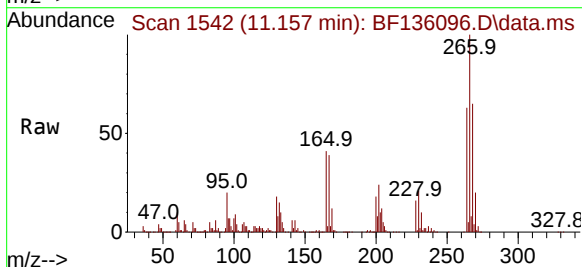
Tgt Ion:266 Resp: 329305

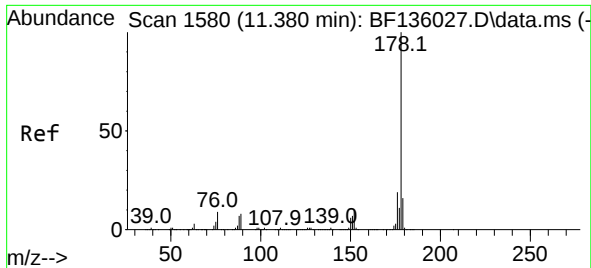
Ion Ratio Lower Upper

266 100

268 64.5 52.2 78.4

264 63.3 52.2 78.4

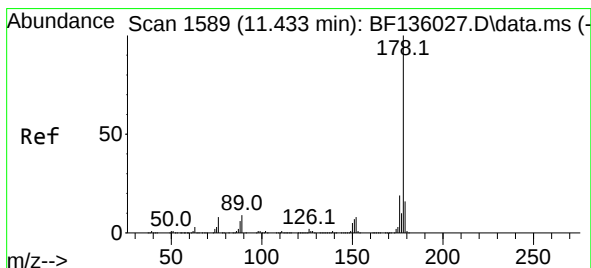
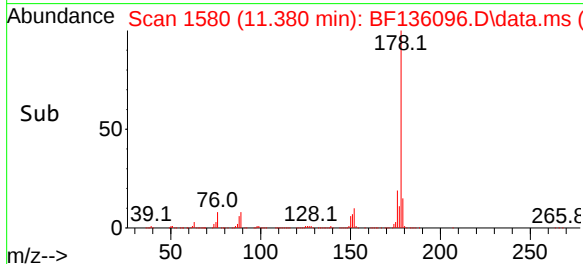
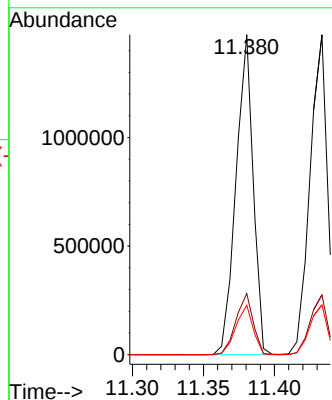
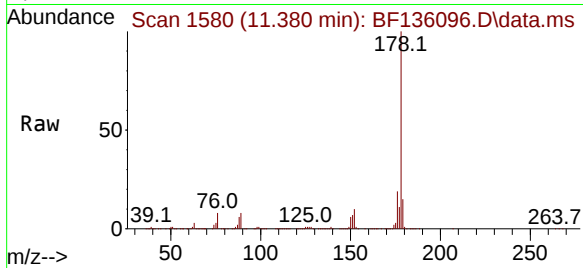




#71
Phenanthrene
Concen: 46.806 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

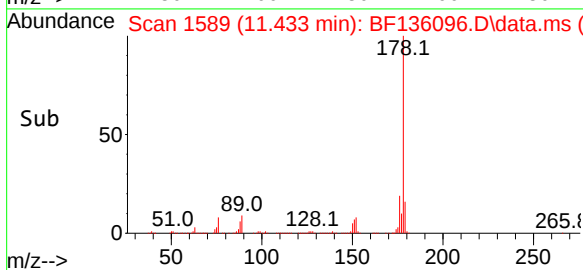
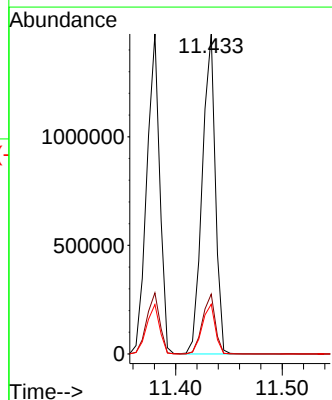
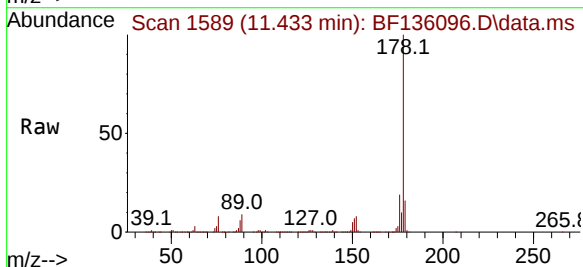
Instrument :
BNA_F
ClientSampleId :
PB156561BS

Tgt Ion:178 Resp: 1239662
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.4 12.9 19.3



#72
Anthracene
Concen: 46.501 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Tgt Ion:178 Resp: 1261983
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.5 12.6 18.8

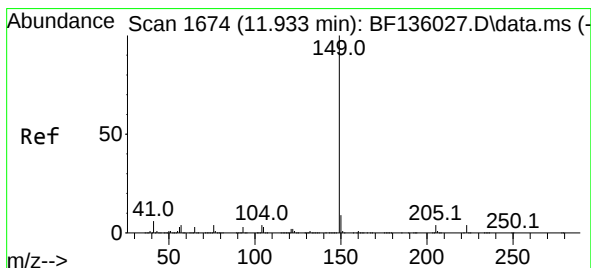
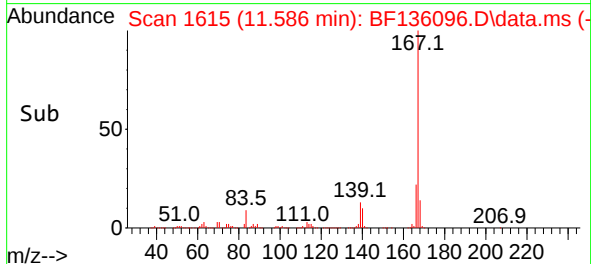
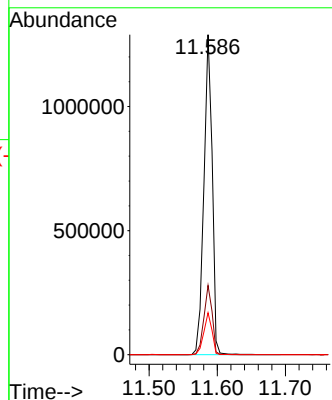
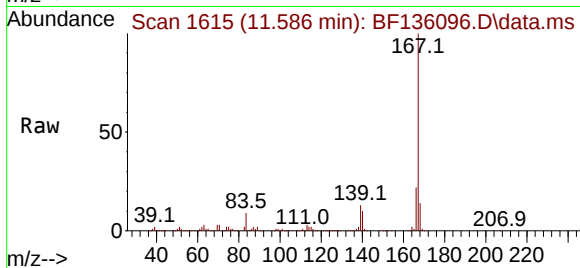




#73
Carbazole
Concen: 46.312 ng
RT: 11.586 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

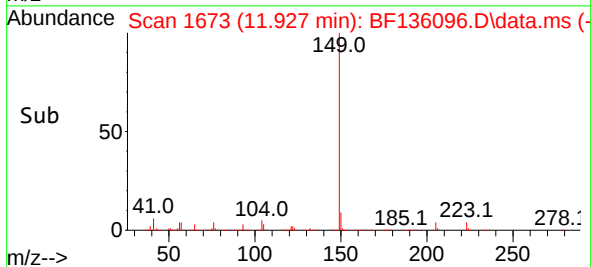
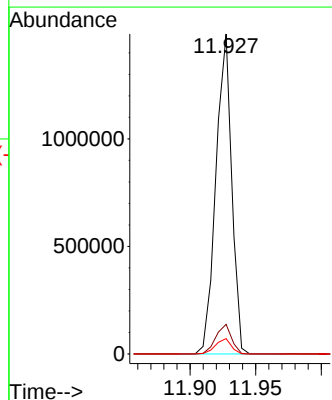
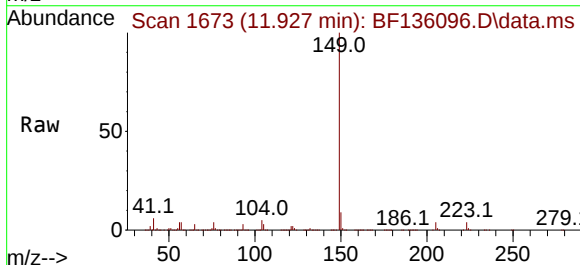
Instrument :
BNA_F
ClientSampleId :
PB156561BS

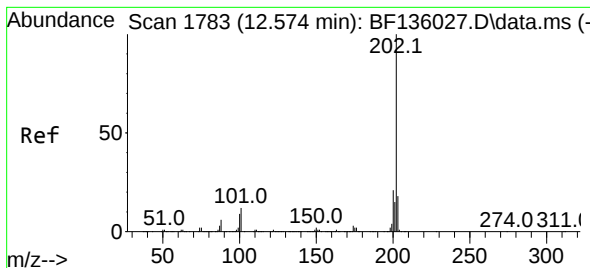
Tgt Ion:167 Resp: 1092196
Ion Ratio Lower Upper
167 100
166 21.7 17.2 25.8
139 13.1 9.9 14.9



#74
Di-n-butylphthalate
Concen: 46.241 ng
RT: 11.927 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Tgt Ion:149 Resp: 1246110
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.8 3.6 5.4





#75

Fluoranthene

Concen: 43.559 ng

RT: 12.575 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156561BS

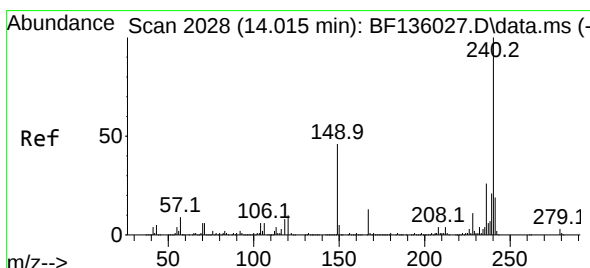
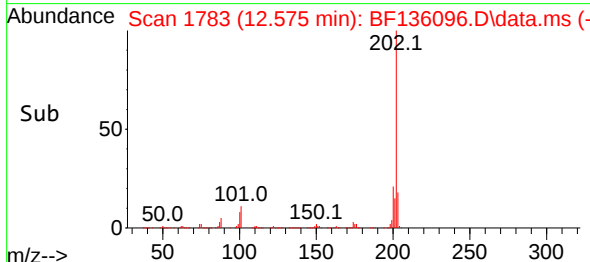
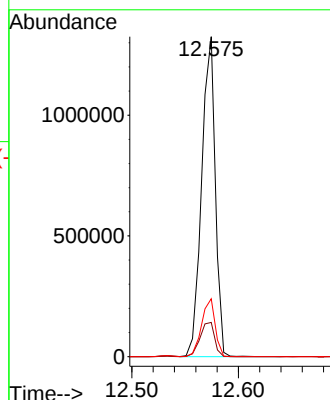
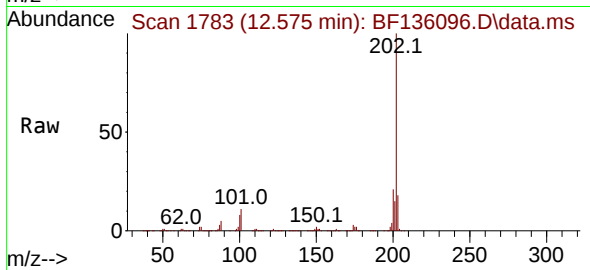
Tgt Ion:202 Resp: 1185149

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.8

203 18.1 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: BF136096.D

Acq: 02 Nov 2023 15:24

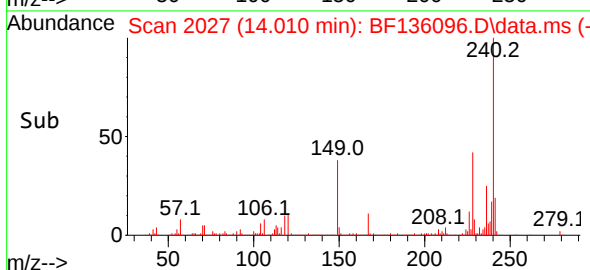
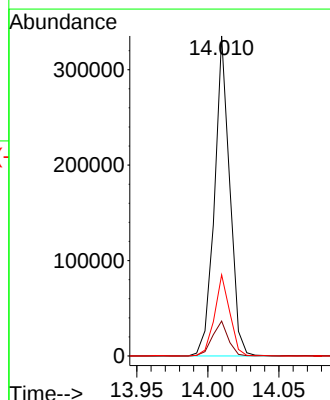
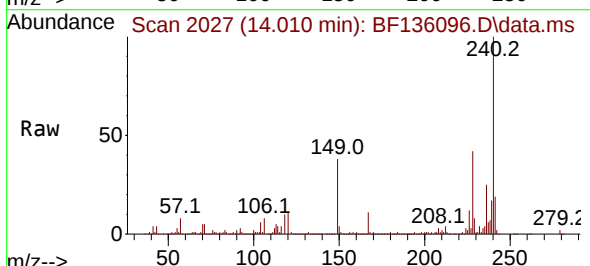
Tgt Ion:240 Resp: 250436

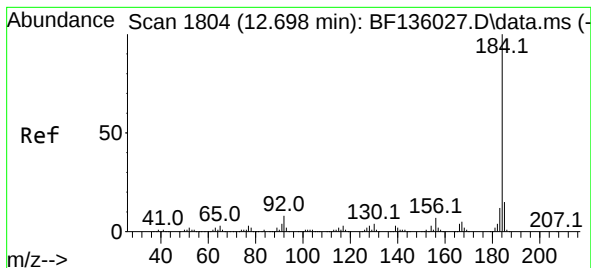
Ion Ratio Lower Upper

240 100

120 10.9 7.6 11.4

236 25.4 20.6 31.0





#77

Benzidine

Concen: 59.606 ng

RT: 12.698 min Scan# 1804

Delta R.T. 0.000 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156561BS

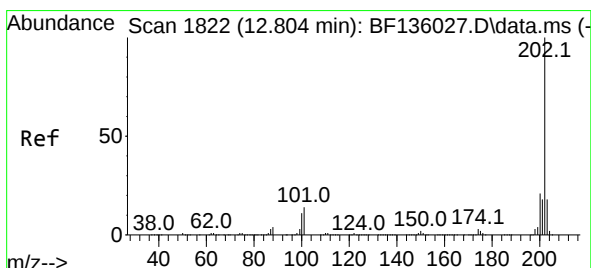
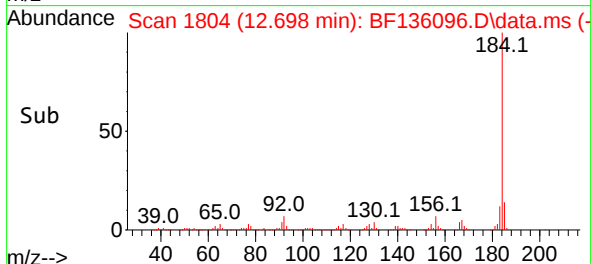
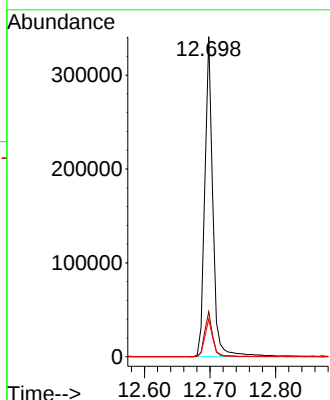
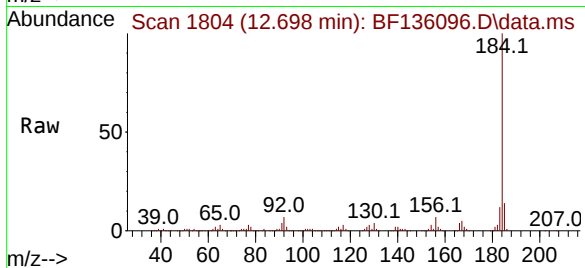
Tgt Ion:184 Resp: 290950

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.8

183 11.7 9.5 14.3



#78

Pyrene

Concen: 53.985 ng

RT: 12.804 min Scan# 1822

Delta R.T. 0.000 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

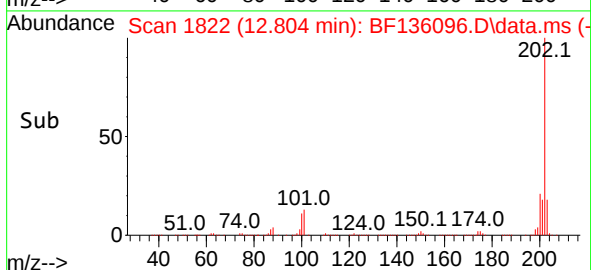
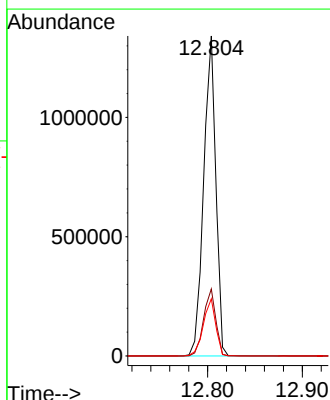
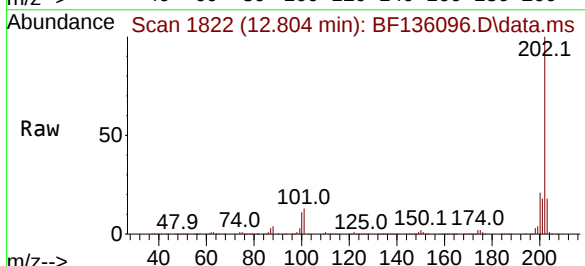
Tgt Ion:202 Resp: 1191968

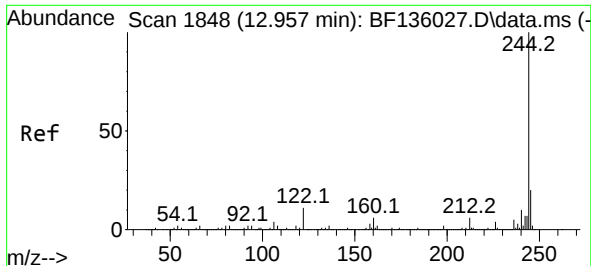
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

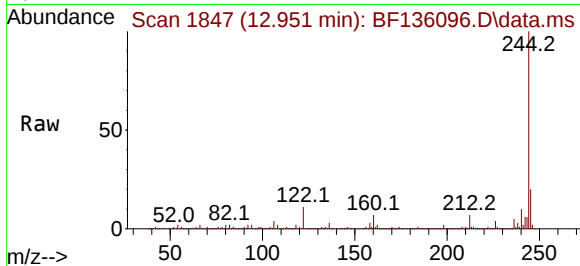
203 17.9 14.4 21.6



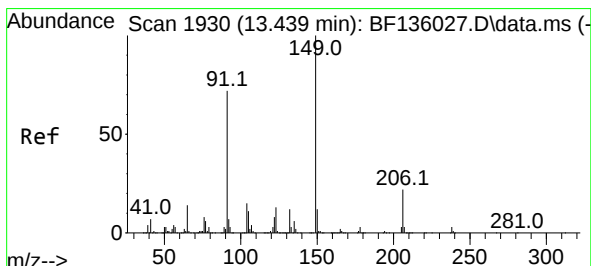
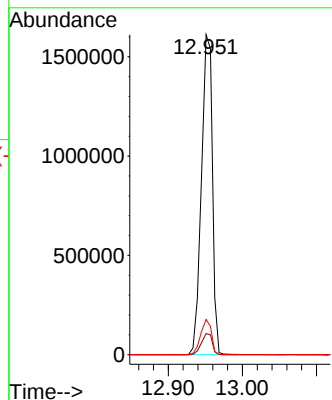
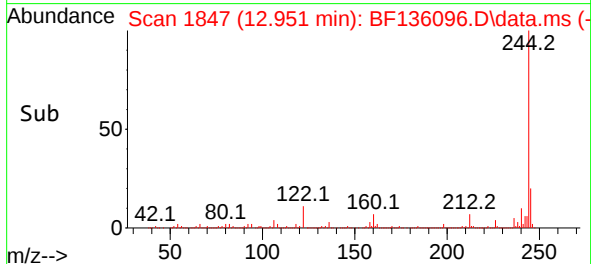


#79
 Terphenyl-d14
 Concen: 102.745 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136096.D
 Acq: 02 Nov 2023 15:24

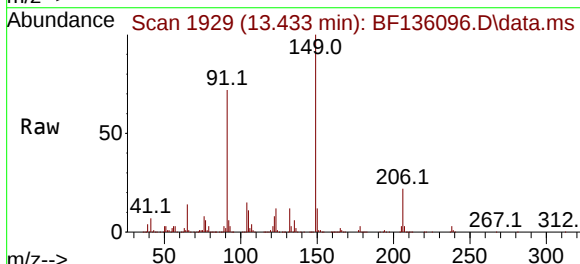
Instrument :
 BNA_F
 ClientSampleId :
 PB156561BS



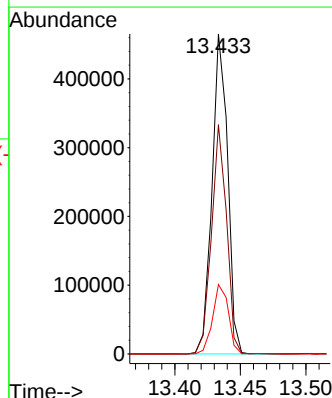
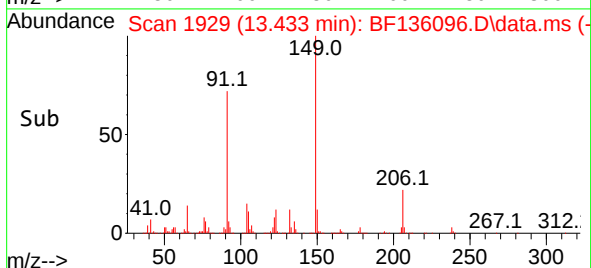
Tgt Ion:244 Resp: 1655755
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.0 8.6 12.8

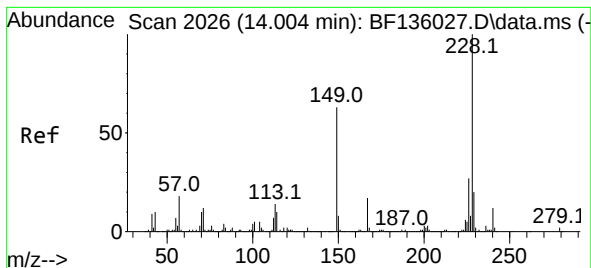


#80
 Butylbenzylphthalate
 Concen: 48.559 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF136096.D
 Acq: 02 Nov 2023 15:24



Tgt Ion:149 Resp: 383790
 Ion Ratio Lower Upper
 149 100
 91 71.6 57.6 86.4
 206 21.7 17.4 26.0





#81

Benzo(a)anthracene

Concen: 47.717 ng

RT: 13.998 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156561BS

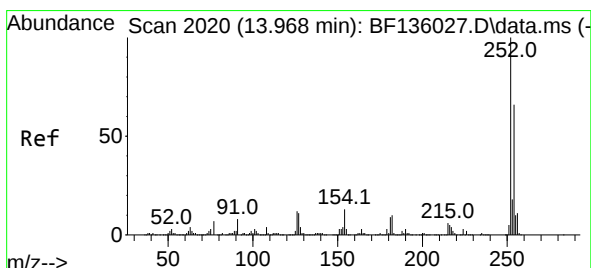
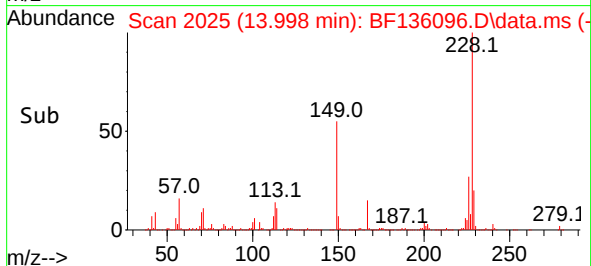
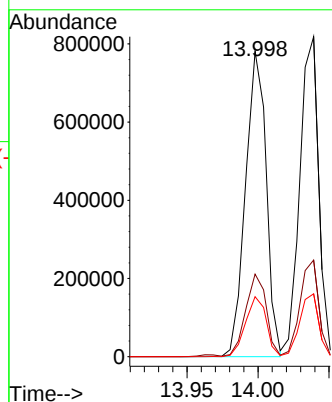
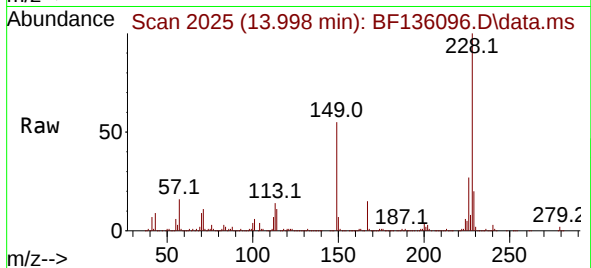
Tgt Ion:228 Resp: 791133

Ion Ratio Lower Upper

228 100

226 27.0 21.5 32.3

229 19.6 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 47.129 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

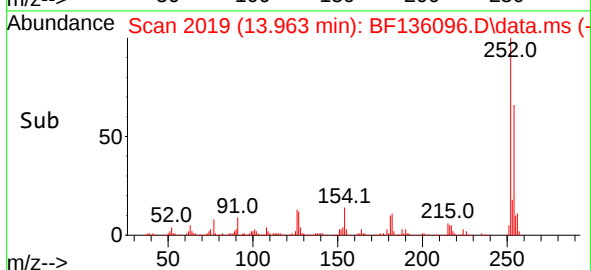
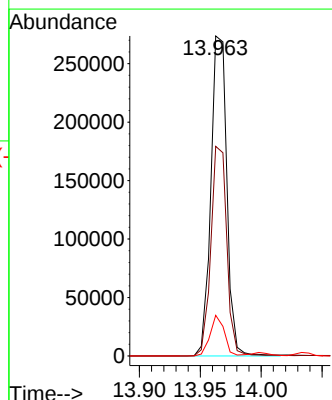
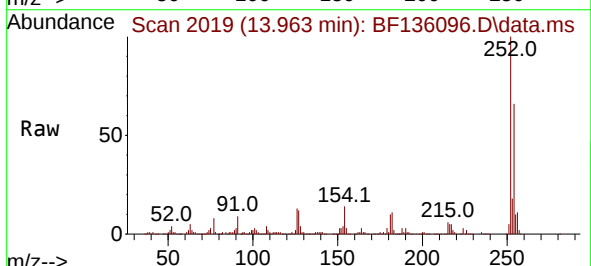
Tgt Ion:252 Resp: 249395

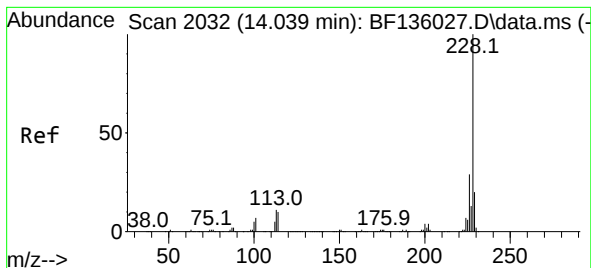
Ion Ratio Lower Upper

252 100

254 65.5 52.5 78.7

126 12.7 9.4 14.2





#83

Chrysene

Concen: 46.417 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156561BS

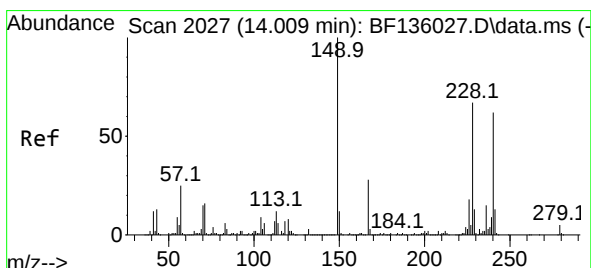
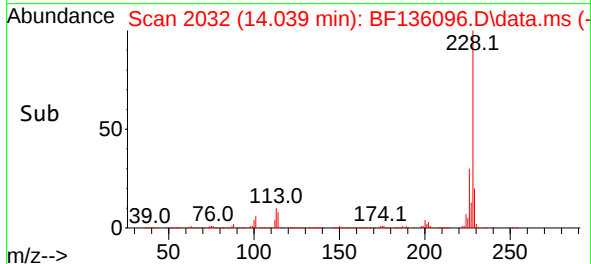
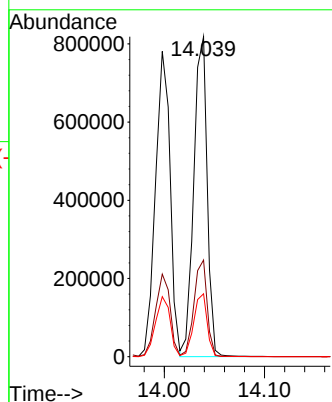
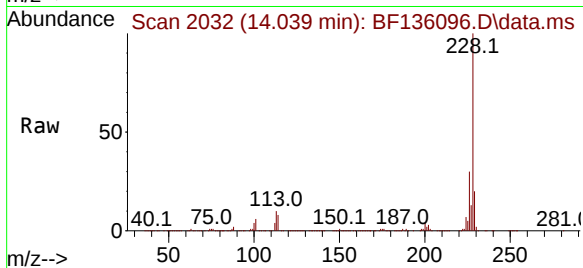
Tgt Ion:228 Resp: 757892

Ion Ratio Lower Upper

228 100

226 30.2 23.5 35.3

229 19.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.784 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.012 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

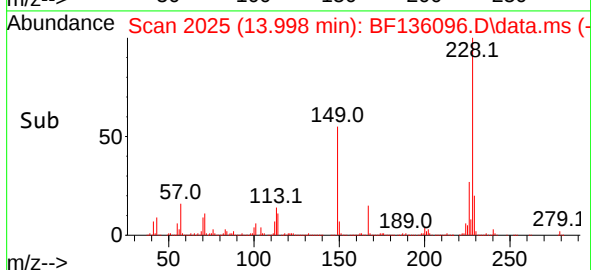
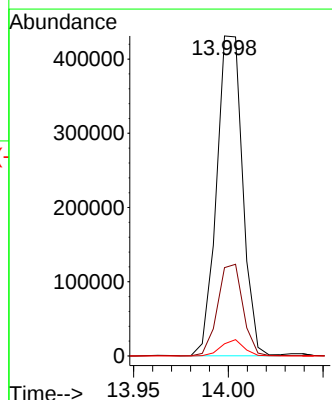
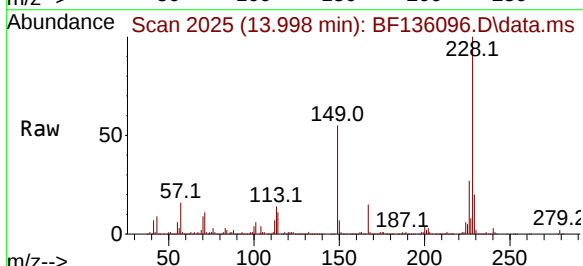
Tgt Ion:149 Resp: 412371

Ion Ratio Lower Upper

149 100

167 27.6 22.6 33.8

279 3.8 4.1 6.1#





#85

Di-n-octyl phthalate

Concen: 47.458 ng

RT: 14.621 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156561BS

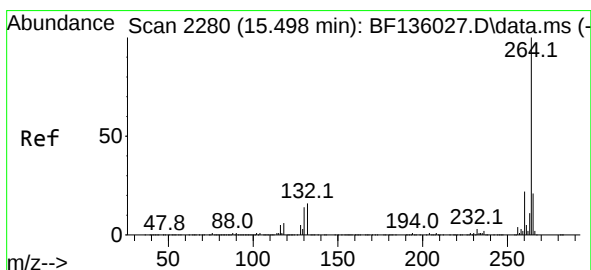
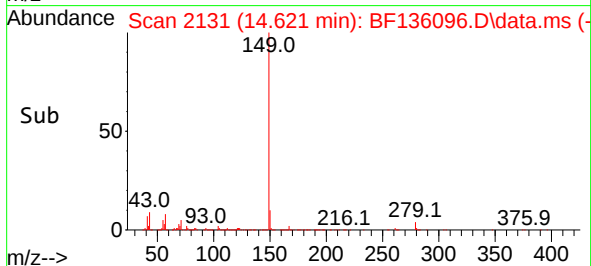
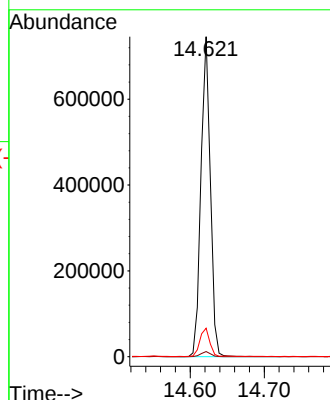
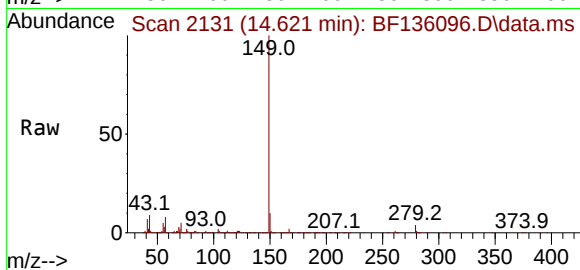
Tgt Ion:149 Resp: 654645

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.3 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: BF136096.D

Acq: 02 Nov 2023 15:24

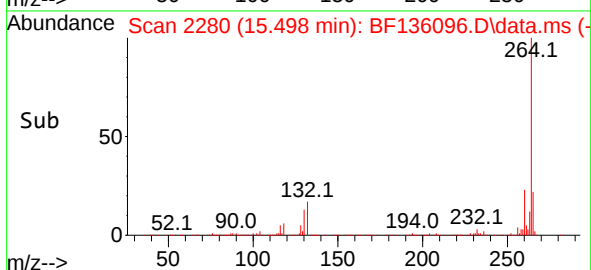
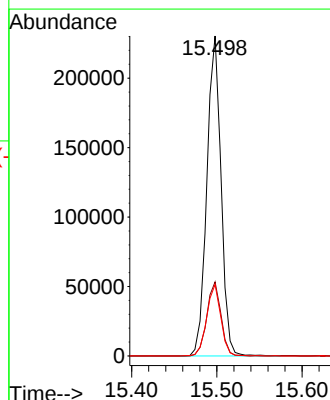
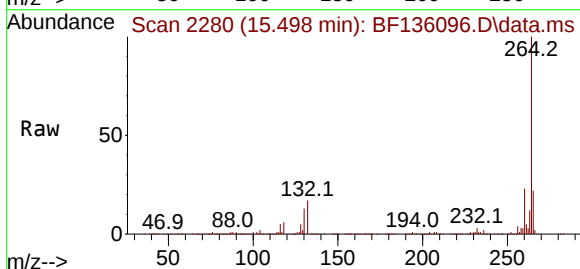
Tgt Ion:264 Resp: 266069

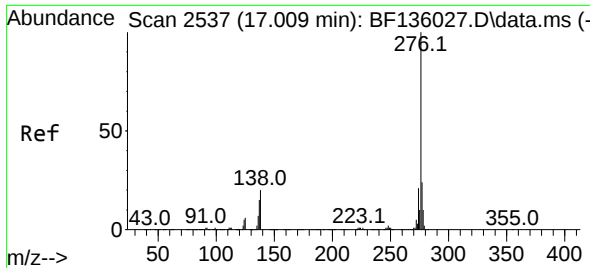
Ion Ratio Lower Upper

264 100

260 23.2 17.9 26.9

265 22.3 16.8 25.2

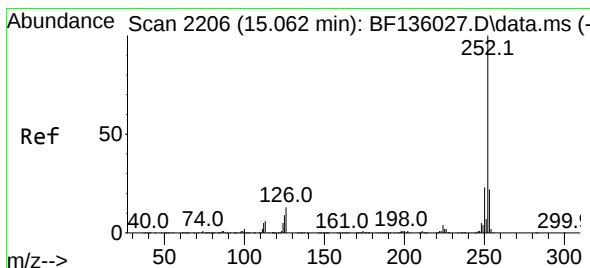
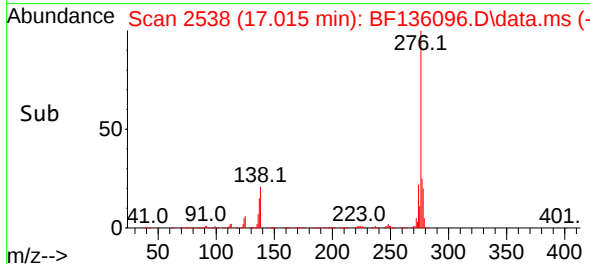
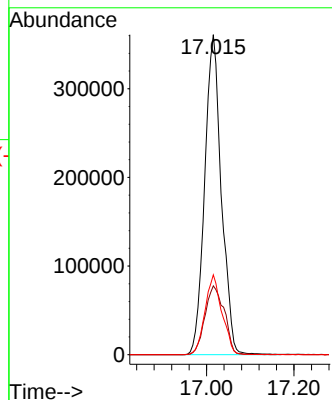
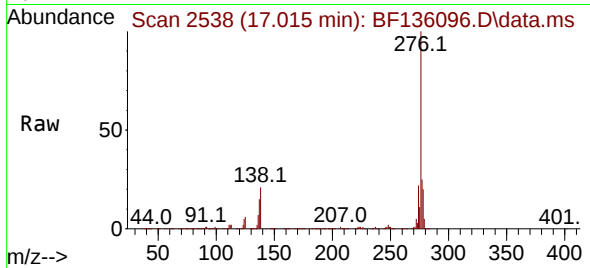




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 55.206 ng
 RT: 17.015 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF136096.D
 Acq: 02 Nov 2023 15:24

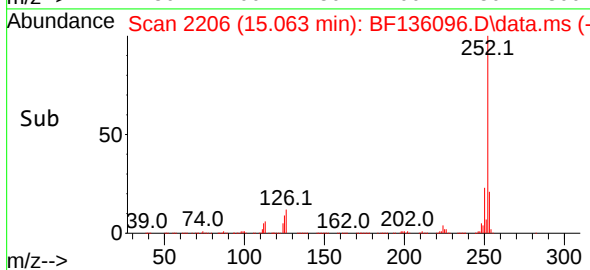
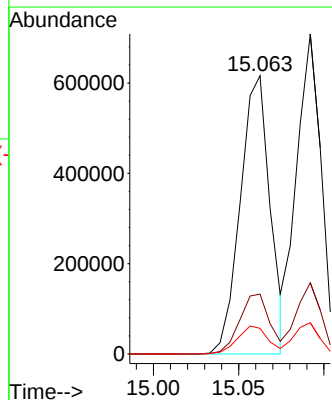
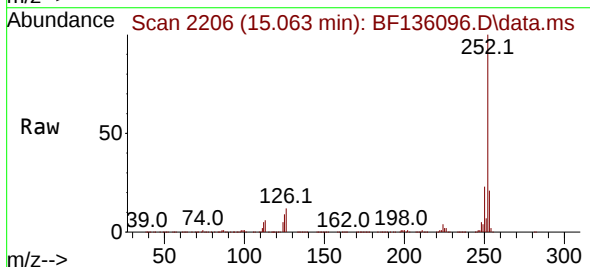
Instrument :
 BNA_F
 ClientSampleId :
 PB156561BS

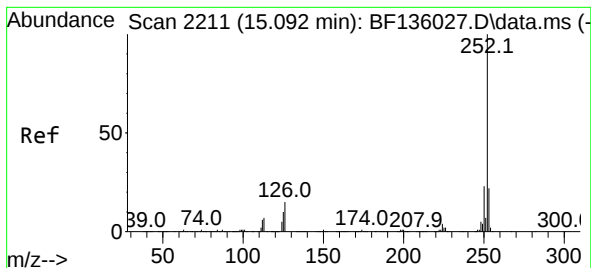
Tgt Ion:276 Resp: 959993
 Ion Ratio Lower Upper
 276 100
 138 25.0 20.4 30.6
 277 25.4 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 47.575 ng
 RT: 15.063 min Scan# 2206
 Delta R.T. 0.000 min
 Lab File: BF136096.D
 Acq: 02 Nov 2023 15:24

Tgt Ion:252 Resp: 749013
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.7 26.5
 125 9.2 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 45.994 ng

RT: 15.092 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156561BS

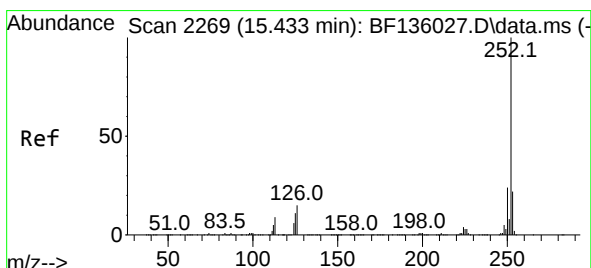
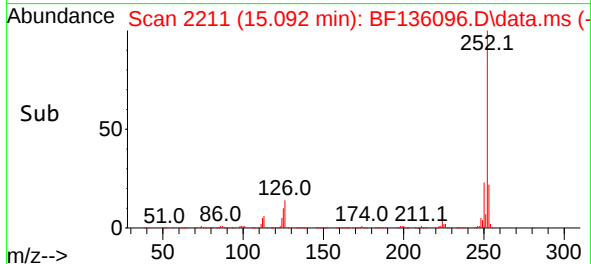
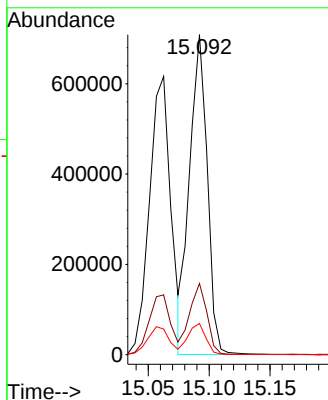
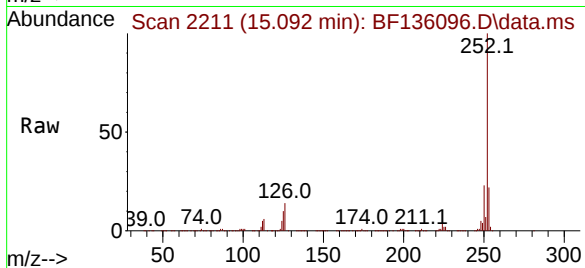
Tgt Ion:252 Resp: 716481

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 9.7 8.0 12.0



#90

Benzo(a)pyrene

Concen: 46.183 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF136096.D

Acq: 02 Nov 2023 15:24

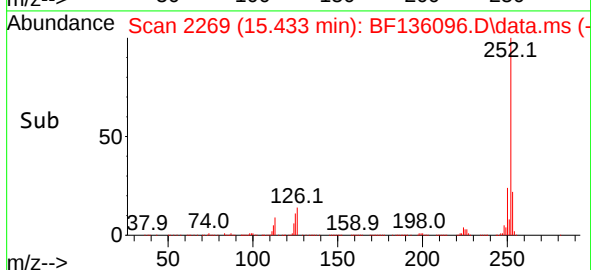
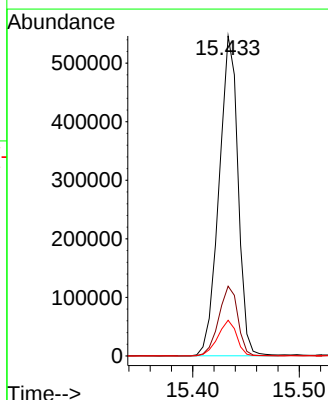
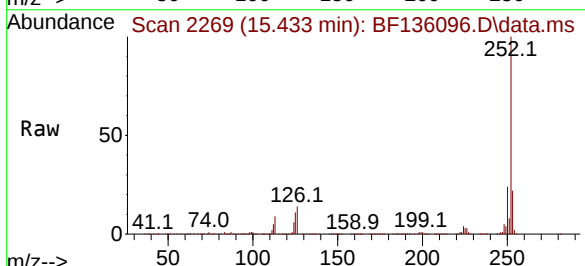
Tgt Ion:252 Resp: 675586

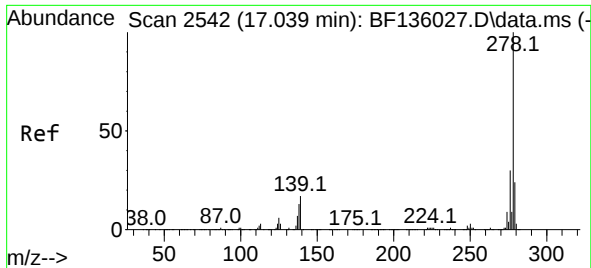
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 11.1 9.0 13.6

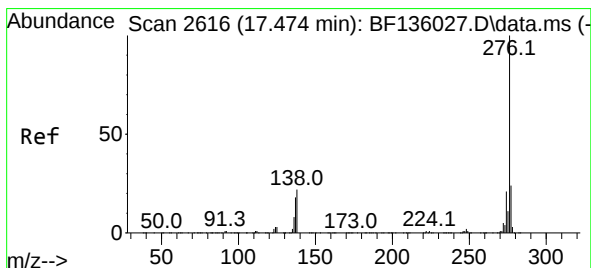
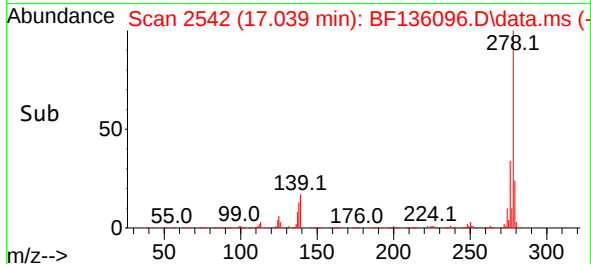
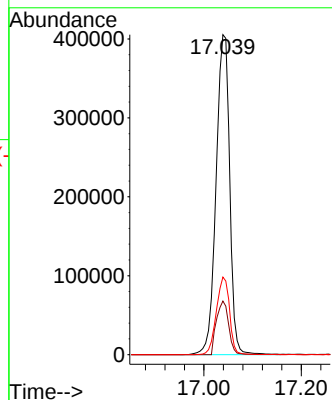
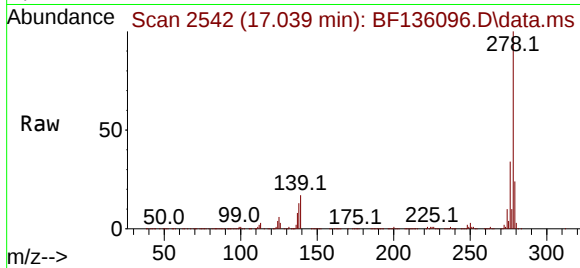




#91
Dibenzo(a,h)anthracene
Concen: 55.241 ng
RT: 17.039 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Instrument :
BNA_F
ClientSampleId :
PB156561BS

Tgt Ion:278 Resp: 786856
Ion Ratio Lower Upper
278 100
139 16.8 13.7 20.5
279 24.3 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 49.334 ng
RT: 17.480 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF136096.D
Acq: 02 Nov 2023 15:24

Tgt Ion:276 Resp: 801441
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.4
138 21.7 17.4 26.2

